

UNIVERSITY OF ILLINOIS

TRANSACTIONS
OF THE
BOARD OF TRUSTEES

September 20, 1928, to June 19, 1930

HARRISON EDWARD CUNNINGHAM

Secretary

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 20, 1928



The Board of Trustees of the University of Illinois met at the University, at Urbana, at 9 o'clock a. m. on Thursday, September 20, 1928.

When the board convened, the following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of June 29, 1928. On motion of Mr. Trees, the minutes were approved as printed on pages 665 to 764 above.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

CHANGES IN THE BUDGET

(1) Aside from the minor changes made in the budget in accordance with the authority granted me at the time it was approved, I desire to report that I authorized the promotion of Mr. A. I. Andrews from Assistant Professor of Ceramic Engineering at \$3,500, to Associate Professor at \$4,000.

The Supervising Architect reports that through an error the salary of Mrs. Ruthe E. Murphey, Senior Clerk in the Physical Plant Division, was put in the budget at \$1,680 instead of \$1,740 which she received last year. I directed the Secretary of the Board to send her a contract at the same salary as she received last year (\$1,740).

I recommend the following increases for the year 1928-29:

- (a) William E. Britton, Professor of Law, from \$5,750 to \$6,500.
- (b) Joseph A. Morrow, Superintendent of Buildings, from \$4,500 to \$5,000.
- (c) Lawrence W. Murphy, Associate Professor of Journalism and Acting Director of the School of Journalism, from \$4,500 to \$5,000.
- (d) A. W. Secord, Assistant Professor of English, from \$2,600 to \$3,000.

On motion of Mr. Trees, these increases were approved.

REPORT ON CERTAIN CONTRACTS AND OTHER MATTERS

(2) In view of the impracticability of getting a meeting of the Board or of the Finance Committee or the Executive Committee, to act on certain matters, I secured the approval of the members individually or the authority of the President of the Board for the following matters:

1. Contract with William Bayley Company, Springfield, Ohio, for sash for Materials Testing Laboratory, at their low bid of \$7,130, as published in the Board Minutes of May 23, page 619.

2. Contract with the Armstrong Cork & Insulation Company for furnishing and applying "Acousticork" to the under side of the crane bay roof in the Materials Testing Laboratory, at a price of \$2,017. This is the only company that manufactures this material.

3. Contract with O. L. Kern & Company for heating of the remodeled Davenport and Kappa Houses at their low bid of \$1,864.

4. Contract with Hedstrom Schenk Coal Company for approximately 1,000 tons of Pocahontas Mine Run Coal for the Chicago Departments for 1928-29 at their low bid of \$6.40 net per ton.

5. Award of contract for R.O.T.C. uniforms for advanced courses to De Moulin Brothers & Company at \$29.55 per uniform. The government allowance is \$30 per uniform.

6. Award of contract for ventilating the old chapel to Henry Reuter & Sons of Kankakee, at their low bid of \$2,471.

7. Contract with Rezilite Manufacturing Company for impervious flooring to cover the wooden floors in the old part of the Chemistry Building at a price of \$2,830.

The letters indicating the procedure in these various matters have been filed with the Secretary of the Board.

On motion of Mr. Barr, the action of the President of the University in carrying out the wishes of the Finance Committee and of the Executive Committee, as indicated by their signatures, was approved and confirmed.

**INVESTMENT OF THE MCKINLEY PROFESSORSHIP
ENDOWMENT FUND**

(3) I submit herewith a report of the action of the Finance Committee and the Executive Committee in the reinvestment of the funds in the McKinley

Professorship Endowment, which became necessary because the securities provided by the late Senator McKinley in establishing this Endowment, namely, the 7 per cent cumulative preferred stock of the Illinois Power and Light Corporation, were called in July. On the written approval of the members of these committees individually and of the President of the Board, filed with the Secretary, I requested the Treasurer and the Comptroller to invest the funds accordingly. The Comptroller reports that in accordance with the Committee's action, the following investments have been made:

SCHEDULE A
REINVESTMENTS OF MCKINLEY ENDOWMENT

Bonds (per schedule B).....	\$ 74 729 50
Real Estate Mortgages (per schedule C).....	27 750 00
Farm Mortgage (per schedule D, page 4).....	2 508 33
	<u>\$104 987 83</u>
Balance uninvested.....	12 17
Total proceeds of Illinois Power and Light 7% Preferred stock retired, July 2, 1928.....	<u>\$105 000 00</u>

SCHEDULE B
PURCHASES OF MCKINLEY ENDOWMENT SECURITIES
as at September 19, 1928

<i>Security</i>	<i>Purchased Par</i>	<i>Cost</i>	<i>Accrued Interest</i>
Baltimore and Ohio Railroad Company, 4% due July 1, 1948			
7M @ 91 $\frac{7}{8}$			
3M @ 92			
5M @ 92 $\frac{7}{8}$			
and commission.....	\$15 000 00	\$13 872 50	\$224 45
Detroit Edison 5% due January 1, 1933			
1M @ 102			
6M @ 102 $\frac{1}{4}$			
5M @ 102 $\frac{7}{8}$			
3M @ 103			
and commission.....	15 000 00	15 418 75	95 00
Kansas City Terminal 4% due January 1, 1960			
9M @ 88 $\frac{3}{4}$			
3M @ 89			
6M @ 90 $\frac{3}{4}$			
2M @ 91 $\frac{1}{4}$			
and commission.....	20 000 00	17 977 00	107 67
New York Telephone Company 4 $\frac{1}{2}$ % due November 1, 1939			
4M @ 100			
1M @ 100 $\frac{1}{2}$			
11M @ 100 $\frac{3}{4}$			
and commission.....	16 000 00	16 068 75	213 25
Terminal Railroad Association of St. Louis, 4 $\frac{1}{2}$ % due October 1, 1939			
1M @ 101			
and commission.....	1 000 00	1 012 50	15 13
West Penn Power Company 5% due 1963			
1M @ 102 $\frac{3}{4}$			
1M @ 103			
4M @ 103 $\frac{1}{2}$			
1M @ 103 $\frac{3}{4}$			
3M @ 104	10 000 00	10 380 00	213 46
	<u>\$77 000 00</u>	<u>\$74 729 50</u>	<u>\$868 96</u>

SCHEDULE C

*REAL ESTATE MORTGAGES PURCHASED AS INVESTMENTS
OF THE MCKINLEY ENDOWMENT FUND*

B. W. Pope, <i>et al</i> , Secured by 400 acres in Sections 27-28-33 & 34 Township 6-2. Due September 30, 1931. 7% interest payable semi-annually.	\$ 5 250 00
W. B. Martin, Secured by 280 acres in Sections 32 & 33-6-3. Adjoins the city of Benton, Illinois. Due July 7, 1932. 7% interest payable semi-annually.	7 500 00
M. M. Hart, 339 acres in Sections 29 & 30-6-3, adjoining the corporate limits of the City of Benton, Illinois. Due June 16, 1929. 7% interest payable semi-annually.	15 000 00
<i>Total</i>	\$27 750 00

All of the above located in Franklin County, Illinois

Accrued interest to August 29, 1928..... \$440 86

On motion of Dr. Noble, the action of the President of the University in carrying out the wishes of the Finance Committee and of the Executive Committee, as indicated by their signatures, was approved and confirmed.

**INVESTMENT OF PORTIONS OF MCKINLEY ENDOWMENT AND
E. A. WALLACE SCHOLARSHIP FUNDS**

(4) I submit a report, filed with the Secretary, of the action of the Finance Committee and the Executive Committee investing \$8,000 in a mortgage loan on farm land owned by Chester W. Richards in Champaign County, four miles east and six miles north of Urbana, being 160 acres with good improvements. Of the total amount, \$5,500 is the uninvested balance of the Wallace Scholarship Fund and the remainder is out of the McKinley Professorship Fund. The land is valued at \$32,000, exclusive of improvements. The interest is 5% and the term five years. This loan was recommended by Treasurer Burke, and the recommendation was concurred in by the Comptroller and myself, and forwarded to the Finance Committee. They approved it and later the Executive Committee did also. The investment was accordingly made. The Comptroller reports that in accordance with the Committee's action the following investments have been made:

SCHEDULE D

PURCHASE OF MORTGAGE OF C. W. RICHARDS

(First mortgage on NW¼ 7-20-10E, in Champaign County, Illinois, due June 1, 1933, 5% interest payable semi-annually.)

Amount of Mortgage.....	\$8 000 00
Less amount paid from E. A. Wallace Memorial Fund.....	5 491 67
Paid from McKinley Endowment, Economics of Public Utilities.....	\$2 508 33

Accrued Interest

June 1, 1928, to August 7, 1928.	
Wallace share	\$ 48 79
McKinley Endowment share.....	22 32
	\$ 71 11

On motion of Mrs. Grigsby, the action of the President of the University in carrying out the wishes of the Finance Committee and of the Executive Committee, as indicated by their signatures, was approved and confirmed.

BIDS ON ELEVATORS FOR NEW BUILDINGS

(5) The Supervising Architect reports that bids on elevators for the third unit of the Library, the Materials Testing Laboratory, and the addition to Lincoln Hall were opened on August 20, Mrs. Evans of the Board being present, and submits the following schedules of bids:

LINCOLN HALL ADDITION

<i>Bidders</i>	<i>Bids</i>
Montgomery Elevator Company.....	\$7 369 00 ¹
Otis Elevator Company.....	4 980 00 ²

MATERIALS TESTING LABORATORY ELEVATOR

<i>Bidders</i>	<i>Bids</i>
Montgomery Elevator Company.....	\$3 810 00 ¹
Otis Elevator Company.....	3 600 00 ²

LIBRARY ADDITION NUMBER THREE

<i>Bidders</i>	<i>Bids</i>
Montgomery Elevator Company.....	\$7 734 00 ¹
Otis Elevator Company.....	7 500 00 ²

On motion of Mr. Trees, the contracts for these elevators were awarded to the Otis Elevator Company, the lowest bidders.

DEATH BENEFIT—PROFESSOR E. C. HAYES

(6) Professor Edward Carey Hayes, Head of the Department of Sociology, died on August 7, 1928. He had been on the staff since 1907, and his salary for 1927-28 was \$5,500; therefore, the death benefit payable is \$2,750. He has named as his beneficiary his wife, Mrs. Annie Lee Bean Hayes.

I recommend that \$2,750 be appropriated from the Reserve and Contingent Fund to pay this death benefit and that the Comptroller be authorized to make the payment to Mrs. Hayes.

On motion of Mrs. Busey, this recommendation was adopted, and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small.

DEATH BENEFIT—MR. W. M. CROUCH

(7) Mr. W. M. Crouch, Laboratory Helper in Botany, died on September 10, 1928. He had been on the staff for six years, and, under the rules of the Board, a death benefit of \$378 is payable in his case.

I recommend that \$378 be appropriated from the Reserve and Contingent Fund to pay this death benefit and that the Comptroller be authorized to make payment to Mr. Crouch's legal representative.

On motion of Mrs. Busey, this recommendation was adopted, and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small.

IMPROVEMENTS ON CARTER-PENNELLS FARM

(8) On recommendation of Professor H. C. M. Case, Head of the Department of Farm Organization and Management, endorsed by Professor J. C. Blair, Acting Dean of the College of Agriculture, I recommend that the sum of \$1,300

¹Two per cent deducted from bid for each building if awarded all three.

²Three per cent deducted from bid for each building if awarded all three.

be appropriated from the operating fund of the Carter-Pennell farms for the construction of a new stable to house cattle.

On motion of Mrs. Grigsby, this recommendation was adopted, and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small.

APPROPRIATION FOR GREENHOUSES AND STORAGE HOUSES

(9) I recommend that the sum of \$27,000 be appropriated from the Reserve and Contingent Fund for the purpose of extending the greenhouses of the Department of Horticulture, and for the erection of two frost-proof storage houses for vegetables.

On motion of Mrs. Evans, this recommendation was adopted, and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small.

REQUEST OF PROFESSOR RUSK, HEAD OF THE DEPARTMENT OF ANIMAL HUSBANDRY, FOR ADDITIONAL APPROPRIATION

(10) On request of Professor Rusk, Professor Burlison representing Dean Mumford concurring, I request an appropriation of \$15,000 to the Beef Cattle Division from estimated receipts, in addition to appropriations already made.

On motion of Mr. Trees, this recommendation was adopted, and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small.

SPECIAL NON-RECURRING APPROPRIATIONS

(11) I recommend that the following non-recurring appropriations be made from the Reserve and Contingent Fund, under the conditions described on page 737 of the June minutes of the Board governing such appropriations:

Graduate School—Research in Illinium.....	\$ 5 000
College of Medicine—Equipment.....	10 000
College of Agriculture—Equipment.....	20 000
College of Engineering—Equipment.....	20 000
Bureau of Business Research—Equipment and operation.....	8 750
	<u>\$63 750</u>

On motion of Mrs. Evans, these appropriations were made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small.

APPROPRIATION FOR LOCAL IMPROVEMENT ASSESSMENTS

(12) I recommend that the sum of \$20,000, or so much thereof as may be necessary, be appropriated from the Reserve and Contingent Fund to pay off the remaining instalments of the assessments for the paving of First Street, Fourth Street, and Stadium Drive, to stop the interest thereon.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small.

APPROPRIATION FOR TILE ROOFS ON NEW DAIRY BARNs

(13) On request of the Supervising Achitect I recommend that an appropriation of \$7,000 be made from the Reserve and Contingent Fund for tile roofs on the new Dairy Barns.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small.

THE NUTRITION INVESTIGATION

(14) At the meeting of February 13, 1926, I called your attention to this investigation which had begun about twenty years before, and reported that a search of the records convinced me that the University had agreed to publish the results of this investigation in five volumes together with a pamphlet summary. Volume 2 has never been published, and the Institute of American Meat Packers has raised with me the question whether the University would publish this. I reported to you that I felt that we were bound to do this under the terms of the original understanding, and informed you that the completion and publication of this work might take as much as \$10,000.

On June 12, 1926, I reported to you that two meetings of the Nutrition Commission had been held and that the Commission still recommended the publication of Volume 2. The manuscript is now ready and I request an appropriation of \$5,000, or so much thereof as may be necessary, from the Reserve and Contingent Fund to publish this volume, in an edition of not more than 1,000 copies.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small.

COMMERCIAL TESTS

The President of the University was asked to consider and report on the matter of commercial tests.

HONORARIUM FOR DEAN DANIELS AS ACTING DEAN OF THE COLLEGE OF LIBERAL ARTS AND SCIENCES

(15) Dean Daniels carried in addition to his own work the burden of the work of the Dean of the College of Liberal Arts and Sciences while the latter was absent from November to the end of the year. I recommend that an honorarium of \$1,000 be granted him and request appropriation of that amount for that purpose from the Reserve and Contingent Fund.

On motion of Dr. Noble, this recommendation was adopted, and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small, Mr. Ward.

COMPENSATION FOR D. R. MITCHELL

(16) Pursuant to the action of the Board of Trustees at the meeting on June 29 (Minutes, page 753) I authorized the Legal Counsel to consult with the attorneys for Mr. D. R. Mitchell, who had filed a claim in the Court of Claims of Illinois for compensation for an accident which occurred on October 13, 1927, while he was engaged in his duties as Instructor in Mining Engineering, and advise them that the Board of Trustees would award compensation in accordance with the Workmen's Compensation Act. Mr. Mitchell's attorneys decided to dismiss the proceedings in the Court of Claims and to accept this

award. Mr. Mitchell has elected to accept \$1,815, the present value of his compensation.

I recommend that an appropriation of \$1,815 be made from the Reserve and Contingent Fund for this purpose and that the Comptroller be authorized to make settlement with Mr. Mitchell.

On motion of Mrs. Busey, this recommendation was adopted, and the appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small.

EXECUTIVE STAFF FOR MCKINLEY HOSPITAL

(17) In accordance with the policy adopted by the Board of Trustees on April 8, 1925 (Minutes, page 196), I recommend that Doctors J. H. Beard, V. A. Ross, and Maude L. Etheredge be reappointed as the executive staff for McKinley Hospital to serve from July 1, 1928, to July 1, 1929.

On motion of Mrs. Evans, this recommendation was concurred in.

REQUEST FROM PROFESSOR GARNER

(18) Professor J. W. Garner, Head of the Department of Political Science, who has been given sabbatical leave on half salary for the year 1928-29, has been asked by the Geneva Institute for International Relations to give a series of lectures during its second term, which extends from about the first of April to July 10, on salary.

In view of the special character of the proposed engagement, on motion of Dr. Noble, this matter was referred to the President of the University, with power to act.

LEAVE OF ABSENCE FOR MISS RUTH WARDALL

(19) I recommend that Miss Ruth Wardall, Head of the Department of Home Economics, be given leave of absence on pay on account of illness for the month of September, and that the President of the University be authorized to extend this leave further if necessary, on account of Miss Wardall's health.

On motion of Mr. Barr, this leave was granted.

LEAVE OF ABSENCE FOR MISS MARY E. BRENNAN

(20) On request of the Supervising Architect, I recommend that Miss Mary E. Brennan, Chief Clerk in the Power Plant Accounting Office, be given sick leave of absence on full pay for one month during the summer in addition to the month's vacation and two weeks' sick leave allowed under the rules.

On motion of Mrs. Grigsby, this leave was granted.

LEAVE OF ABSENCE FOR MISS MAUD GUBBINS

(21) On recommendation of Dean Noyes, I authorized a leave of absence on full pay for Miss Maud Gubbins, Clerk in the Infirmary, from July 1 to September 1, on account of illness, and request confirmation of my action.

On motion of Mr. Trees, this action was confirmed.

LEAVE OF ABSENCE FOR MISS SADIE L. STUBBS

(22) On request of the Supervising Architect, I recommend approval of his action, in my absence, in granting Miss Sadie L. Stubbs, his assistant, leave of absence without salary during the month of August.

On motion of Dr. Noble, this action was confirmed.

ARRANGEMENT WITH ST. JOSEPH HIGH SCHOOL FOR PRACTICE TEACHING IN AGRICULTURE

(23) On recommendation of Professor Nolan, approved by Professor Cameron for Dean Chadsey, I agreed with the Board of Education of the St. Joseph

High School to take advantage of their work in vocational agricultural teaching for observation and practice by our students in vocational agriculture in the College of Education under the instruction of Mr. Melvin Henderson of our own staff. Mr. Henderson, therefore, is the joint employee of the St. Joseph High School and the University, being, under the latter appointment, Assistant in Agricultural Education, on three-fourths time, at a salary of \$1,800. The St. Joseph Board of Education undertakes to transport our students between the University and St. Joseph free of charge to the University and the students. I ask approval of my action.

On motion of Mr. Barr, this action was approved.

APPEARANCE IN VOODRY CASE

(24) At the meeting of April 12, 1928 (Minutes, page 581), I made a report on my correspondence with Mr. John M. Sullivan, attorney, Bloomington, Illinois, concerning the bequest of Anna J. Voodry (see Minutes, June 8, 1908, page 523; July 8, 1911, page 208). On June 25, Mr. Sullivan wrote me as follows:

BLOOMINGTON, ILLINOIS, June 25, 1928

Hon. David Kinley, President, University of Illinois, Urbana, Illinois

DEAR SIR:

Early in the year I wrote you relative to the Anna J. Voodry estate and notified you at that time that Paul F. Beich desired to be released of his trusteeship. You replied under date of March 30 and stated that Judge Harker was of the opinion that there was some \$5,000.00 worth of personal property in the estate. Upon receipt of your letter I began an investigation in this estate and found the records rather meager and for a time was of the opinion that you were correct in the assumption that there was more than \$2,800 in the body of the estate. A study of the report, however, I think, is conclusive that the assumption is wrong and that, in fact, there is slightly less than \$2,800.00 in the corpus of the estate. I am inclosing a copy of the Will, the Inventory and the report of J. Dickey Templeton, Administrator, with the Will annexed, in order that you may have all the facts before you.

The report of the Administrator with the Will annexed discloses the fact that of the \$6,247.66, being the total amount received by the Administrator, etc., \$946.78 was interest to which Earl C. Voodry would be entitled as beneficiary under the Will. In the report it also shows that the total amount paid to Paul F. Beich was \$3,739.33 and from this should be deducted the \$946.78 [\$946.78?] income, leaving a balance of \$2,792.55, which appears to be the net balance held in trust, of which the University of Illinois is the other beneficiary.

If there is any further information you desire in this matter I will be glad to furnish it if it is within my power and after you have gone over the matter would like to know if the University will enter its appearance for the purpose of having a successor of Mr. Beich appointed by the court.

Thanking you for your courtesies in this matter, I am

Very truly yours,

JOHN M. SULLIVAN.

The Legal Counsel advised that the University might safely execute an entry of appearance in the case. The matter came up too late to have the proper action taken by the Board at the meeting on June 29, and therefore I had the Legal Counsel prepare a form of entry, which was submitted to the members of the Executive Committee for their signatures. On their approval, I instructed the Secretary to execute the waiver and directed the Legal Counsel to file it with the Court.

On motion of Mr. Trees, this action was confirmed.

DIPLOMAS OF HELEN GERTRUDE ROSS AND HELEN HOCKADAY

(25) By action of the Council of Administration, the diplomas of Miss Helen Gertrude Ross (Bachelor of Arts) and Miss Helen Pearl Hockaday (Bachelor

of Science in Music Education in the College of Education) were withheld at the Commencement Exercises and were to be awarded at the discretion of the President of the University.

I report that I have given these young women their diplomas as of June, 1928, and request that this be made a matter of record.

This report was received for record.

PURCHASE OF MEYERS PROPERTY

(26) The Comptroller reports that pursuant to the action of the Board on May 23, 1928 (Minutes, page 603), and on approval by the Legal Counsel of all documents, he has concluded the purchase of Lot 51 in College Place, Champaign (the G. H. Meyers property), at a purchase price of \$12,500. As the purchase was concluded subsequent to April 1, 1928, the University will be required to pay the general taxes for 1928 on this property, payable in 1929, amounting to approximately \$100.

This report was received for record.

GIFTS TO THE UNIVERSITY

(27) The following gifts have been offered the University, and I have authorized their acceptance:

1. From the Eli Lilly & Company of Indianapolis, Indiana, manufacturers of pharmaceutical and biological products, a fellowship amounting to \$1,800 a year for a study of allergy to secure information about such diseases as hay fever, asthma, sensitization of various proteins, etc.
2. From the Chemical Foundation, the additional sum of \$1,000 for the continuance of the work in sewage research, along the lines of previous gifts of similar amounts, received each year since 1925.
3. From E. I. DuPont de Nemours & Company of Wilmington, Delaware, the sum of \$750 for the renewal of the DuPont Fellowship in Chemistry.
4. From Mr. Leon Lundmark, Chicago artist, an oil painting, "The Open Sea." This picture is 34" by 46" in size and is well framed.
5. From Mr. James M. Cowan of Aurora, Illinois, another painting, this one by Edgar Payne, valued at \$450. Mr. Cowan presented the University with a painting by Charles C. Curran, N. A., "The Hilltops," in the spring.
6. From the Dempster Mill Manufacturing Company of Beatrice, Nebraska, a self-heating hog waterer for the use of the Agricultural Experiment Station.
7. From Mr. Albert Penn, President of the Penn Electric Switch Company of Des Moines, Iowa, two Penn Magnet Switches, valued at \$20.

This report was received for record.

REPORT ON E. A. WALLACE MEMORIAL SCHOLARSHIP FUND

(28) The following report from the Comptroller on the E. A. Wallace Memorial Scholarship Fund for the year ending June 30, 1928:

July 21, 1928

President David Kinley, 355 Administration

DEAR PRESIDENT KINLEY:

I send you herewith a report of the E. A. Wallace Memorial Scholarship Fund, a copy of which I have sent to the Board of Education of Havana, Illinois, as is required in the Will establishing this fund and as per my letter enclosed.

Cordially yours,
LLOYD MOREY,
Comptroller

July 21, 1928

Mr. A. E. List, President, Board of Education, Havana, Illinois

MY DEAR SIR:

In accordance with the provisions of the Will of Gertrude Haweis, I send you herewith a statement of the E. A. Wallace Memorial Scholarship Fund for the year ending June 30, 1928.

You will note that on that date there was a balance of \$163.48 in the income account of this fund. The income for the year 1928-29 will be approximately \$450.00, making a total of something over \$600 available for the year 1928-29.

This fund is available to meet the board and tuition of young men students from Havana, Illinois, nominated by your Board. The average cost of the items mentioned, for one year for a student, would be about \$350.

If you desire to make one or more nominations for beneficiaries from this fund for the coming year, kindly do so to President Kinley in the same manner as heretofore.

Very truly yours,
LLOYD MOREY,
Comptroller

ANNUAL REPORT ON E. A. WALLACE MEMORIAL SCHOLARSHIP
FUND, YEAR ENDING JUNE 30, 1928

PRINCIPAL ACCOUNT

Received from bequest of Gertrude E. Haweis		
Specific Bequest.....	\$10 000 00	
Interest 7% eight months.....	466 67	\$10 466 67
Less California Inheritance Tax.....		475 00
Net Amount Received.....		\$ 9 991 67
Investment made June 4, 1928.....	\$ 4 500 00	
Mortgage note signed by Jessie A. and Keith W. Swigart. Dated May 1, 1928, interest 5% payable annually, maturing May 1, 1933. Secured by first mortgage on North ½ of Southwest ¼ of Section 2, Township 21, North, Range 5 East of third Principal Meridian; 80 acres situated in McLean County, Illinois.....		4 500 00
Balance on hand in cash, June 30, 1928, on deposit at 4¼% interest.....		\$ 5 491 67 ¹

INCOME ACCOUNT

Receipts

A. M. Burke, Treasurer, Interest @4¼% September 1, 1927, to June 30, 1928..... \$ 337 98

Disbursements

Scholarship Award—Clay V. Hoskins, Second Semester 1927-28.....	158 50	
Citizens State Bank—Accrued interest on Mortgage purchased.....	15 00	
N. B. Carson, Recorder McLean County—Recording Assignment of Mortgage.....	1 00	\$ 174 50
Balance in Income Account June 30, 1928.....		\$ 163 48

LLOYD MOREY,
Comptroller

This report received for record.

QUARTERLY REPORT OF COMPTROLLER

(29) The quarterly report of the Comptroller as at June 30, 1928.

July 18, 1928

President David Kinley, 355 Administration Building West

DEAR PRESIDENT KINLEY:

I transmit herewith the Quarterly Report of the Comptroller to the Board of Trustees for the quarter ending June 30, 1928. Since this is the end of the fiscal

¹Investment in 5% real estate mortgage in process.

year, the figures included in the report represent the transactions for the year, and the condition of the various funds and appropriations at the end of the year.

Respectfully submitted,

LLOYD MOREY,
Comptroller

QUARTERLY REPORT OF THE COMPTROLLER
TO THE BOARD OF TRUSTEES
QUARTER ENDING JUNE 30, 1928
SUMMARY

Reserve and Contingent Fund

The unappropriated balance of the Reserve and Contingent Fund (estimated excess of income of the year over appropriations) at the beginning of the quarter was \$164,736. Net deductions during the quarter totalled \$20,560, as per Schedule A, leaving a balance of \$144,176 in the Reserve and Contingent Fund at the close of the quarter before closing the books. After closing the books as of the end of the fiscal year, the balance was \$375,549. The corresponding balance a year ago was \$310,556.

Budget Income

Realization of the budget income for twelve months ending with the present quarter as per Schedule B, was as follows:

	Estimate For Year	Per Cent of Year's Estimate Realized	
		This Year	Last Year
State Appropriations for Operation.....	\$4 500 000	100.0	100.0
Federal Funds.....	397 947	99.9	99.9
Student Fees.....	850 000	100.1	105.3
Agricultural Sales			
Credited to Revolving Accounts.....	128 840	100.8	97.2
Credited to budget estimate of Agricultural Income.....	115 300	106.3	93.8
Miscellaneous Sales and Receipts.....	77 065	153.5	121.5

Treasurer's Balance

The cash balance in all funds in the hands of the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$817,706, Schedule D. On the corresponding date a year ago, the balance was \$734,995.

Budget Expenditures

Board appropriations to departments for the current fiscal year total \$5,888,382, including salaries \$3,821,164, expense and equipment \$2,067,218. These were 96.3% expended at the end of the quarter, and 1.4% encumbered. (Included in Schedule C). On the corresponding date a year ago these appropriations were 93.6% expended and 1.7% encumbered. Balances have been lapsed into Reserve and Contingent Fund or carried forward subject to reappropriation.

Building and Improvement Funds

Building and Improvement funds for the biennium were 48.3% expended at the end of the quarter, and 37.6% encumbered.

Endowment Funds

Endowment funds from private gifts for special purposes (see Schedule D) are distributed as follows:

Educational Endowments.....	\$110 000
Student Loan Endowments.....	169 704
(Of which \$114,933 was outstanding in student notes at the end of the quarter.)	
Scholarship and Prize Endowments.....	89 172
Other Endowments.....	91 431
<i>Total</i>	<u>\$460 307</u>

Indebtedness on Property

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totalling \$60,000 on the Dental Building in Chicago, due in 1932. Of this amount \$7,600 is held in the Treasury of the University (Schedule D).

Residence Halls

A summary of the operations in the residence halls for the year ended June 15, 1928, is shown as Appendix I. The balance from operations in the Woman's Residence Halls at that date was \$114,886, and in the Davenport House \$9,904.

Stadium Fund

An Appendix is included giving the report of the Memorial Stadium Fund, of which the Board of Trustees is custodian. (See Appendix II).

LLOYD MOREY,
Comptroller

SCHEDULE A
STATEMENT OF RESERVE AND CONTINGENT FUND
FOR THE QUARTER ENDING JUNE 30, 1928

Balance forward March 31, 1928.....		\$164 736 21	
<i>Add:</i>			
Reimbursement for 1926-27 expenditures for Improvements to Carter-Pennell Tenant Property.....	\$ 250 00		
Transferred from Woman's Residence Halls Surplus (for purchase of Noyes property).....	22 000 00		
Stadium Windstorm Damage Settlement.....	539 35		
Donations for Research in Athletics.....	2 245 30		
Lapsed 1926-27 balances (carried forward to cover encumbrances, but not required).....	89 87	25 124 52	\$189 860 73
<i>Deduct:</i>			
Appropriations made by Board of Trustees			
April 12, 1928			
Statistical Machine.....	1 000 00		
Publicity Expense (additional).....	500 00		
Graduate Research (additional).....	300 00		
Physicians' Short Course.....	400 00		
Laboratory Lockers.....	1 400 00		
Stadium Windstorm Loss Replacements.....	539 35		
May 23, 1928			
Preserving Medical Photographs.....	200 00		
Dentistry Publicity.....	600 00		
Land			
Lot 51 College Place.....	12 500 00		
Nogel Property.....	4 000 00		
June 12, 1928			
Land (Noyes Property).....	22 000 00	43 439 35	
Assignments to cover Research in Athletics (Income above).....		2 245 30	45 684 65
Unappropriated Balance June 30, 1928.....			144 176 08
<i>Add:</i>			
Surplus of Actual Incomes over Estimates			
State Board of Vocational Education (Smith-Hughes).....		966 30*	
Student Fees.....		1 140 90	
Patent Royalties.....		146 00	
Miscellaneous Sales.....		41 096 53	41 417 13
Lapsed Appropriation Balances.....			189 955 31
Balance of Income Account June 30, 1928 (Sch. D).....			\$375 548 52

*Deficit

SCHEDULE A1
STATEMENT OF BUDGET INCOME
FOR THE YEAR ENDING JUNE 30, 1928

Balances July 1, 1927

Reserve for Orders and Contracts		
Outstanding	\$ 653 471 02	
Balances Subject to Reappropriation	141 956 09	
Unappropriated Agricultural Income	1 334 21	
Unappropriated General Income	<u>310 556 07</u>	\$1 107 317 39

Income

<i>From State Appropriations For</i>		
<i>Operation</i>		
Salaries and Wages	\$3 275 000 00	
Travel	40 000 00	
Equipment	290 000 00	
Office Expense	140 000 00	
Operation	465 000 00	
Repairs	160 000 00	
Improvements	<u>130 000 00</u>	\$4 500 000 00
<i>For Buildings (Encumbered portion of Biennium Appropriations)</i>		
Library Building Addition	469 063 66	
Lincoln Hall Addition	383 846 75	
Materials Testing Laboratory	<u>339 202 61</u>	1 192 113 02
<i>For Special Purposes</i>		
Agricultural Experiment Station, Cook County	15 000 00	
School of Journalism	<u>15 000 00</u>	30 000 00 5 722 113 02
<i>From United States Grants</i>		
Land Grant Act of 1862 (Interest on Endowment)	32 450 66	
Morrill Act of 1890	25 000 00	
Nelson Act of 1907	25 000 00	
Hatch Act of 1881	15 000 00	
Adams Act of 1906	15 000 00	
Smith-Lever Act of 1914	228 495 98	
Purnell Act of 1925	40 000 00	
Smith-Hughes Act of 1917	<u>16 050 36</u>	396 997 00
From Student Fees (Net) ¹		851 140 00
<i>From Departmental Sales</i>		
Agriculture	269 050 34	
Others	<u>129 856 86</u>	398 907 20
<i>From Woman's Residence Halls</i>		
Earnings		37 000 00
<i>From Donations for Research in</i>		
Athletics		10 245 30
From Patent Royalties		146 00
From McKinley Endowment		<u>7 000 00</u>
<i>Total Income</i>		<u>7 423 549 42</u>
<i>Total Available</i>		<u>8 530 866 81</u>
<i>Charges to Income</i>		
Disbursements from Appropriations (See Sch. C)	7 042 031 94	
Reserve for Orders and Contracts Outstanding (See Sch. C)	998 292 67	
Balances Reappropriated or Carried forward (See Sch. C)	<u>102 002 08</u>	
<i>Total Charges</i>		<u>8 142 326 69</u>
<i>Balance of Income Accounts June 30, 1928 (Sch. D)</i>		
Unappropriated Agricultural Income	12 991 60	
Unappropriated General Income	<u>375 548 52</u>	\$ 388 540 12

¹After allowing for \$28,359.52 refunds.

SCHEDULE B
REALIZATION OF INCOME FOR OPERATIONS
YEAR ENDING JUNE 30, 1928

	Budget Estimate	Realized	Unrealized Balance Closed to Unappropriated Income
<i>State Funds</i>			
From Mill Tax.....	\$2 625 000 00	\$2 625 000 00	
From General Revenue.....	1 875 000 00	1 875 000 00	
<i>Total, State</i>	(4 500 000 00)	(4 500 000 00)	
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund.....	228 495 98	228 495 98	
Hatch-Adams Funds.....	30 000 00	30 000 00	
Purnell Fund.....	40 000 00	40 000 00	
From State Treasurer			
Interest on Endowment Fund.....	32 450 66	32 450 66	
Morrill-Nelson Funds.....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes).....	17 000 00	16 033 70	\$ 966 30
<i>Total, Federal</i>	(397 946 64)	(396 980 34)	(966 30)
<i>Student Fees</i>	850 000 00	851 140 90	1 140 90*
<i>Sales</i>			
Credited to Departments			
Agriculture.....	128 840 00	129 858 29	1 018 29**
Other Departments.....		3 686 23	3 686 23** ^{1,3}
Credited to Estimated Agricultural Sales.....	115 300 00	122 598 12	7 298 12*
Credited to General Income.....	77 064 44	118 160 97	41 096 53*
Credited to Estimated Income from Creamery Surplus.....	16 187 00	16 187 00	
<i>Total, Sales, etc.</i>	(337 391 44)	(390 490 61)	(53 099 17*)
<i>Income from Patents</i>		146 00	146 00** ¹
<i>Donations for Research</i>	10 245 30	10 245 30	
<i>McKinley Endowment</i>	7 000 00	7 000 00	
<i>Grand Total</i>	\$6 102 583 38	\$6 156 003 15	\$53 419 77

*Deduct—income exceeds estimate.

¹No budget estimate set up.³Credited direct to revolving accounts, not closed to unappropriated income.

SCHEDULE C
SUMMARY OF APPROPRIATIONS
AS AT JUNE 30, 1928

	Total Credits	Disbursements	Reserved for Outstanding Encum- brances	Balance Lapsed Subject to Reappropri- ation ¹	Balance Lapsed
Administration and General.....	\$ 405 259 39	\$ 360 472 38	\$ 5 576 54	\$ 11 317 81	\$ 27 892 66
Library.....	222 966 96	221 870 03	193 95		902 98
Agriculture					
University Appropriation.....	1 135 267 82	1 064 327 12	37 165 65	9 905 13	23 869 92
Smith-Lever.....	236 390 42	233 306 47	424 49	2 659 46	
Liberal Arts and Sciences.....	1 090 711 58	1 053 404 84	5 631 12		31 675 62
Engineering.....	688 016 37	640 981 05	17 530 61	3 537 88	25 966 83
Graduate School.....	99 354 55	82 344 30	3 797 23	6 622 81	6 590 21
Medicine, Dentistry and Pharmacy.....	769 555 57	732 152 99	8 126 67	1 791 19	27 484 72
Journalism.....	27 155 00	23 048 58	595 01	200 00	3 311 41
Law.....	90 908 59	82 562 28	1 276 11		7 070 20
Library School.....	19 379 00	19 296 27	82 73		
Military.....	24 061 81	21 086 91	98 40		2 876 50
Music.....	57 542 39	56 567 82	81 50		893 07
Summer Session 1927.....	73 053 68	69 944 86			3 108 82
Summer Session 1928.....	78 000 00	38 964 18	237 20	38 798 62	
Education.....	192 896 68	185 763 74	1 259 47		5 873 47
Commerce.....	233 203 55	213 076 77	1 332 18		18 794 60
Physical Welfare.....	129 124 35	125 643 89	735 78	228 19	2 516 49
Physical Plant Operation and Maintenance.....	641 291 63	641 248 65			42 98
Sub-total.....	\$6 214 139 34	\$5 866 063 13	\$ 84 144 64	\$ 75 061 09	\$188 870 48
Land, Buildings and Improvements					
Special State Building Appropriations.....	1 659 780 08 ²	792 184 95	867 595 13		
Other Appropriations.....	464 056 06	383 783 86	46 552 90	26 940 99	6 778 31
Grand Total.....	\$8 337 975 48	\$7 042 031 94	\$998 292 67	\$102 002 08	\$195 648 79

¹All reappropriated June 29, 1928, or carried forward in revolving and special accounts.

²Includes only that portion of the biennium appropriation expended and encumbered during 1927-28.

SCHEDULE D
BALANCE SHEET AS AT JUNE 30, 1928

ASSETS				LIABILITIES AND SURPLUS			
I. General and Building Funds				I. General and Building Funds			
Cash in Hands of University Treasurer.....	\$ 687 172 54			Appropriation Balances (Sch. C)			
Petty Cash Funds.....	30 600 00			Reserved for Encumbrances.....	\$998 292 67		
Balances in State Appropriations				Subject to Reappropriation.....	<u>102 002 08</u>	\$1 100 294 75	
For Operation.....	\$ 4 584 88			Special State Biennium Appropriation Balances Available for Expenditure in 1928-29.....			307 886 98
For Buildings.....	<u>1 174 569 01</u>	1 179 153 89		Reserve for Extension			
Stores and Service Departments.....		121 820 53		Petty Cash Funds...		1 200 00	
Loan to McKinley Hospital (Trust Fund).....		14 450 00		Reserve for Stores.....		122 360 64	
Accounts Receivable.....		27 755 17		Reserve for Loan to Trust Fund.....		14 450 00	
Due from State Board of Vocational Education (Smith-Hughes).		<u>16 033 70</u>	\$2 076 985 83	Residence Hall and Hospital Balances...		142 253 34	
				Unappropriated Agricultural Income.....		12 991 60	
				Unappropriated Income (Reserve and Contingent Fund) (Schedule A).....		<u>375 548 52</u>	\$ 2 076 985 83
II. Trust Funds				II. Reserve for Trust Funds			
Cash.....		130 533 66		Loan from General Funds.	14 450 00		
Notes Receivable.....		114 933 27		Non-Expendable Funds...	<u>445 857 26</u>	460 307 26	
Investments				Expendable Funds.....		<u>97 978 42</u>	558 285 68
Savings Account.....	12 135 18						
Securities.....	242 733 57						
Land.....	<u>57 950 00</u>	312 818 75	558 285 68				
III. Endowment Fund				III. Reserve for Endowment Fund			
Endowment Fund (in hands of State Auditor) from Land Grant of 1862.....			649 012 91				649 012 91
IV. Plant and Property				IV. Bonds and Surplus			
Plant and Property (July 1, 1927).....			<u>20 882 056 05</u>	Dental Property Bonds...	60 000 00		
Total Assets.....			\$24 166 340 47	Less: Treasury Bonds..	<u>7 600 00</u>	52 400 00	
				Surplus Invested in Fixed Assets.....		<u>20 829 656 05</u>	<u>20 882 056 05</u>
				Total Liabilities and Surplus			\$24 166 340 47

APPENDIX I
RESIDENCE HALLS
SUMMARY OF OPERATIONS
1927-28

	Woman's Residence Halls	Daven- port House	Total
Summer Session Surplus.....	\$ 2 322 46		\$ 2 322 46
Winter Term Surplus:			
September 15-October 15.....	5 412 68	\$ 199 89	5 612 57
October 15-November 15.....	6 251 05	357 78	6 608 83
November 15-December 15.....	6 966 73	507 96	7 474 69
December 15-January 15.....	3 158 48	182 29	3 340 77
January 15-February 15.....	4 442 34	476 15	4 918 49
February 15-March 15.....	5 541 34	384 13	5 925 47
March 15-April 15.....	6 709 97	500 17	7 210 14
April 15-May 15.....	5 603 39	368 34	5 971 73
May 15-June 15.....	5 396 96	342 15	5 739 11
<i>Total Surplus from Operations 1927-28</i>	<u>\$ 51 805 40</u>	<u>\$ 3 318 86</u>	<u>\$ 55 124 26</u>
<i>Add:</i>			
Forfeited Deposits.....	760 00	70 00	830 00
	<u>\$ 52 565 40</u>	<u>\$ 3 388 86</u>	<u>\$ 55 954 26</u>
<i>Deduct:</i>			
Extraordinary Repairs, Equipment, Remodeling, and August 15-September 15, 1927, Expense ..	6 875 43	630 04	7 505 47
Transferred to General University Income for Land and Improvements (Net).....	35 340 12	(630 04)	35 340 12
	<u>(42 215 55)</u>		<u>(42 845 59)</u>
	<u>\$ 10 349 85</u>	<u>\$ 2 758 82</u>	<u>\$ 13 108 67</u>
<i>Add:</i>			
Balance forward June 15, 1927.....	104 536 16	7 145 25	111 681 41
<i>Surplus as at June 15, 1928</i>	<u>\$114 886 01</u>	<u>\$9 904 07</u>	<u>\$124 790 08</u>

APPENDIX II
STATEMENT OF MEMORIAL STADIUM FUND
AS AT JUNE 30, 1928
RECEIPTS AND DISBURSEMENTS

	Prior to July 1, 1927	1927-28	Total to Date
<i>Receipts</i>			
From Subscriptions.....	\$1 634 267 12	\$28 733 33	\$1 663 000 45
From Donations.....	5 038 12		5 038 12
From Interest.....	24 820 26	1 631 23	26 451 49
From Loans.....	75 000 00	11 000 00*	86 000 00
<i>Total Receipts</i>	<u>\$1 739 125 50</u>	<u>\$ 635 44*</u>	<u>\$1 738 490 06</u>
<i>Disbursements</i>			
Office Collection Expense.....		374 86 ¹	374 86 ¹
Construction.....	1 735 635 78		1 735 635 78
<i>Total Disbursements</i>	<u>\$1 735 635 78</u>	<u>\$ 374 86</u>	<u>\$1 736 010 64</u>
<i>Cash Balance</i>			<u>\$ 2 479 42</u>

BALANCE SHEET

<i>Assets</i>			
Cash.....		\$ 2 479 42	
Due from Pledge Instalments			
Past Due Instalments.....	\$ 485 721 44		
Future Instalments.....	11 508 50	497 229 94	
Due from Athletic Association for Office Expense....		374 86	
<i>Total Assets</i>			<u>\$ 500 084 22</u>
<i>Liabilities</i>			
Notes Payable.....			<u>44 000 00</u>
<i>Excess of Assets (including Unpaid Pledges) over Liabilities</i>			<u>\$ 456 084 22</u>

*Deduction due to refunds.

¹To be refunded by Athletic Association.

This report was received for record.

REPORT OF TREASURER

(30) The following report of the Treasurer of the University, prepared in accordance with the By-Laws of the Board, together with a reconciliation between the cash balance as reported by him and the balance as given in the Comptroller's Quarterly Report.

July 28, 1928

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I transmit herewith a report of the Treasurer of the University prepared in accordance with the provisions of the By-Laws of the Board of Trustees. I have examined this report and hereby certify that it is correct in accordance with my records. I attach a reconciliation between the cash balance as reported by the Treasurer and the balance as given in my quarterly report already submitted.

Respectfully submitted,

LLOYD MOREY
Comptroller

**RECONCILIATION WITH THE UNIVERSITY TREASURER
AS AT JUNE 30, 1928**

Treasurer's Balance.....	\$1 083 551 27	
<i>Add:</i>		
Receipts not Deposited.....	<u>32 103 10</u>	
		\$1 115 654 37
<i>Deduct:</i>		
Deposits not entered as receipts by Business Office.....	8 000 22	
Unpaid Warrants.....	<u>289 947 95</u>	
<i>Business Office Balance.....</i>		\$817 706 20

July 10, 1928

The Board of Trustees of the University of Illinois, Urbana, Illinois

GENTLEMEN:

In compliance with the by-laws of the Board of Trustees of the University of Illinois, Article 6, Section 4, pertaining to the duties of the Treasurer, I am submitting herewith a detailed report of the securities in my possession as at June 30th, 1928, also a report of all receipts and disbursements from July 1, 1927 to June 30th, 1928.

Respectfully yours,

A. M. BURKE, *Treasurer*
University of Illinois

TRUST FUND INVESTMENTS AS AT JUNE 30, 1928

<i>Security</i>	<i>Interest Rate</i>	<i>Maturity</i>	<i>Par Value</i>	<i>Purchase Rate</i>	<i>Amortised Book Value</i>	<i>Date Acquired</i>	<i>Fund</i>
<i>Special Investments Non-Expendable Funds</i>							
Illinois Power and Light Corporation— 1000 Shares Cumulative Preferred Stock.....	7		\$100 000 00*	Gift	\$100 000 00	January 12, 1924	W. B. McKinley Economics of Public Utilities
Trevett-Mattis Banking Co.—Certificate of Deposit.....	3	Call	12 135 18	Gift	12 135 18	March 2, 1928	Carter-Pennell Loan Fund
Key System Transit Co.—General Refunding Mortgage Bonds.....	5	July 1, 1938	5 000 00	Gift	5 000 00	April 14, 1926	Marcus Russell Loan Fund
British Columbia Pulp and Paper Co., Ltd.—First Mortgage Sinking Fund Bonds.....	6	Nov. 1, 1950	2 000 00	Gift	2 000 00	1923	Ira O. Baker Prize Fund
Vancouver Lumber Co., Ltd.—First Mortgage Gold Bonds.....	7½	May 1, 1937	300 00	Gift	300 00	1923	Ira O. Baker Prize Fund
First Farm Mortgage.....	5	May 1, 1933	4 500 00	Par	(2 300 00) 4 500 00	June 4, 1928	E. A. Wallace Memorial Scholarship
U. S. 4th Liberty Loan Bond.....	4¾	October 15, 1938	50 00	100 52	50 00	June 2, 1924	Thrift Committee Prize Fund
First Trust Joint Stock Land Bank— Bonds.....	4	May 1, 1954	1 000 00	99 75	998 50	May 1, 1924	Thrift Committee Prize Fund
West Penn. Power Co.—First Mortgage Gold Bonds, Series "E".....	5	March 1, 1963	500 00	98 50	(1 048 50) 494 52	September 9, 1925	English Poetry Prize Fund
Chicago Union Station Co.—Guaranteed Gold Bonds.....	5	December 1, 1944	8 000 00	105	8 387 09	January 24, 1928	Francis J. Plym Fellowship Fund
Chicago Union Station Co.—Guaranteed Gold Bonds.....	5	December 1, 1944	2 000 00	98 60	1 977 56	August 4, 1925	Francis J. Plym Fellowship Fund
Illinois Bell Telephone Co.—First and Refunding Mortgage Bonds.....	5	June 1, 1956	7 000 00	105 25 6M 105 5 1M	7 363 00	February 6, 1928	Francis J. Plym Fellowship Fund
Louisville Gas and Electric Co.—First and Refunding Mortgage Bonds...	5	November 1, 1952	8 500 00	104 25 5M 104 375 1M 104 5 25C	8 861 13	January 24, 1928	Francis J. Plym Fellowship Fund
Missouri Pacific Railroad Co.—First Refunding Mortgage Bonds.....	5	March 1, 1977	8 000 00	101 875	8 147 98	January 16, 1928	Francis J. Plym Fellowship Fund
New York Edison Co.—First Mortgage Bonds.....	5	October 1, 1944	8 000 00	105 50	8 426 25	January 24, 1928	Francis J. Plym Fellowship Fund
Public Service Company of Northern Illinois—First Mortgage Gold Bonds.....	5	October 1, 1956	1 000 00	89	893 16	August 26, 1915	Francis J. Plym Fellowship Fund
Federal Land Bank of Houston—Farm Loan Bonds.....	4½	May 1, 1942	1 000 00	98	(44 056 17) 985 96	October 9, 1923	John M. and Louisa C. Gregory Scholarship Fund
Federal Land Bank of Wichita—Farm Loan Bonds.....	4½	January 1, 1943	2 000 00	100 75	2 011 25	February 13, 1923	John M. and Louisa C. Gregory Scholarship Fund

*Held in escrow in Trevett-Mattis Banking Company.

Chicago Union Station Co.—Guaranteed Gold Bonds	5	December 1, 1944	\$ 3 000 00		98 60	\$ 2 965 32	August 4, 1925	John M. and Louisa C. Gregory Scholarship Fund
Argentine Republic Bonds	5	March 1, 1945	3 000 00			(5 962 53)		
			14 595 00		Gift	10 000 00	1921	Robert F. Carr Fellowship In Chemistry
U. S. 3rd Liberty Loan Bonds	4 3/4	September 15, 1928	50 00		98	50 00	November 13, 1922	Robert L. Rea Medical Scholarship Fund
College of Physicians and Surgeons	6	July 1, 1932	4 700 00					
					12 @ 98	2 380 80		
					2 @ 94	976 00		
					13 @ 100	1 300 00		
Booth St. Louis Cold Storage Co.—First Mortgage Bonds	6	January 1, 1931	25 000 00		Gift	(4 706 80)	January 24, 1917	Robert L. Rea Medical Scholarship Fund
Chicago By-Products Coke Corporation. Two Certificates of Preferred Stock, 500 shares, Urbana Coke Corporation	5	January 1, 1976	2 000 00		Gift	25 000 00	December 8, 1925	McKinley Hosp. Endowment William Beaumont Memorial Fund
<i>Special Investments Expendable Funds</i>	6		50 000 00		Contract		December 28, 1925	Parr Patents
U. S. 3rd Liberty Loan Bond	4 3/4	September 15, 1928	450 00	250 @ 99 20			June 26, 1923	
				200 @ 100		448 02	January 3, 1926	Military Band Reserve
U. S. 4th Liberty Loan Bond	4 3/4	October 15, 1938	150 00	50 @ 102		51 00	June 26, 1923	
				50 @ 98 04		49 02	June 20, 1928	
				50 @ 104 04		51 87	October 20, 1927	Military Band Reserve
						(599 91)		
U. S. 3rd Liberty Loan Bond	4 3/4	September 15, 1928	500 00		100-28/32	502 63	October 13, 1927	Chicago Daily News Scholarships
Delaware Standard Power and Light Corporation—Temporary Debenture Bonds	6	February 1, 1957	7 000 00		100	7 000 00	February 24, 1927	Hospital Association
Maryland Federated Utilities—Gold Notes	5 1/2	November 1, 1930	3 000 00		98 75	2 962 50	February 21, 1928	Hospital Association
<i>Group Investments</i>						(9 962 50)		
American Telephone and Telegraph Co.—Collateral Trust Gold Bonds	5	December 1, 1946	2 000 00		105	2 098 28	September 29, 1927	Group Investment
American Telephone and Telegraph Co.—Collateral Trust Gold Bonds	5	December 1, 1946	2 500 00		101 50	2 500 00	January 28, 1926	Group Investment
Commonwealth Edison Company	5	July 1, 1953	3 000 00		103	3 088 23	July 7, 1927	Group Investment
Commonwealth Edison Company	5	July 1, 1953	2 000 00		100 375	2 000 00	January 28, 1926	Group Investment
Detroit Edison Company	5	January 1, 1933	2 000 00		101 25	2 021 72	December 4, 1926	Group Investment
Illinois Central Railroad Co., and Chicago, St. Louis and New Orleans Railroad Co.—First joint Refunding Mortgage Bonds	4 3/8	December 1, 1963	8 000 00		97 25	7 786 50	July 21, 1927	Group Investment
Northern States Power—First Lien and General Mortgage Bonds	5 1/2	December 1, 1950	2 000 00		100	2 000 00	January 28, 1926	Group Investment
Western Union Telegraph Co.—Bonds	5	December 1, 1951	5 000 00		102	5 105 28	July 7, 1927	Group Investment
						(26 600 01)		
<i>Treasury Bonds</i>						\$254 868 75		
College of Physicians and Surgeons	6	July 1, 1932	7 600 00	100	46C			
				92 5	3M	\$7 375 00		

I hereby certify that the above is a correct listing of the securities owned by the University of Illinois, and that these securities are in my possession.
 Date: July 12, 1928
 A. M. BURKE, Treasurer, University of Illinois

STATEMENT OF RECEIPTS AND DISBURSEMENTS OF THE TREASURER OF THE UNIVERSITY OF ILLINOIS YEAR ENDING JUNE 30, 1928	
Balance June 30, 1927.....	\$ 917 228 66
<i>Receipts:</i>	
July.....	\$186 461 71
August.....	162 431 89
September.....	548 529 76
October.....	191 365 09
November.....	81 875 47
December.....	108 789 57
January.....	100 757 13
February.....	607 355 00
March.....	96 137 09
April.....	87 676 27
May.....	76 589 89
June.....	<u>162 132 71</u>
	<u>2 410 101 58</u>
	\$1 327 330 24
<i>Disbursements (as per cancelled warrants returned to the Comptroller)</i>	
July.....	299 234 89
August.....	149 619 54
September.....	141 612 45
October.....	247 081 30
November.....	165 529 65
December.....	238 452 20
January.....	130 299 67
February.....	136 997 50
March.....	142 723 43
April.....	124 041 85
May.....	169 647 16
June.....	<u>298 539 33</u>
	<u>2 243 778 97</u>
Balance on Hand June 30, 1928.....	\$1 083 551 27

On motion of Mr. Barr, this report was received and referred to the Finance Committee.

REGISTRAR'S REPORT OF FEES

(31) The following report from the Registrar of fees assessed for the second semester of 1927-28:

REGISTRAR'S REPORT OF FEES ASSESSED
SECOND SEMESTER, 1927-28
URBANA DEPARTMENTS

	Gross	Refund	Net Total
Matriculation.....	\$ 3 390 00		\$ 3 350 00
Incidental			
Resident.....	183 550 00	4 185 00	179 365 00
Non-Resident.....	52 725 00	1 006 25	51 718 75
Tuition.....	1 350 00	172 50	1 177 50
Visitors.....	266 25	7 50	258 75
Late Registration.....	1 120 00	535 00	585 00
Change.....	1 443 00	3 00	1 440 00
Special Examination.....	2 100 00	30 00	2 070 00
Special Fee in English.....	40 00		40 00
Transcript of Credits.....	234 50		234 50
Diploma.....	16 210 00	80 00	16 130 00
<i>Total, General Fees, Urbana.....</i>	<u>\$262 428 75</u>	<u>\$6 059 25</u>	<u>\$256 369 50</u>
Laboratory Fees			
Agronomy.....	498 00	9 00	489 00
Anatomy.....	585 00	7 50	577 50
Animal Husbandry.....	4 00		4 00
Athletic Coaching.....	470 00	13 00	457 00
Bacteriology.....	683 50	31 50	652 00
Botany.....	744 75	36 37	708 38
Ceramic Engineering.....	153 00	3 00	150 00
Chemistry.....	17 762 25	786 75	16 975 50
Civil Engineering.....	707 75	8 00	699 75
Dairy Husbandry.....	148 00	18 00	130 00
Electrical Engineering.....	595 00	2 75	592 25
Entomology.....	159 50	6 75	152 75
Farm Mechanics.....	163 00	22 25	140 75
General Engineering Drawing.....	513 00	23 00	490 00
Geography.....	195 00	9 00	186 00
Geology.....	399 00	17 25	381 75
Home Economics.....	1 038 50	23 00	1 015 50
Horticulture.....	406 00	11 75	394 25
Journalism.....	108 00	2 00	106 00
Law.....	91 00	7 00	84 00
Mechanical Engineering.....	952 50	12 50	940 00
Mining Engineering.....	35 50	50	35 00
Music.....	4 025 00	137 50	3 887 50
Physical Education (Women).....	2 280 75	78 75	2 202 00
Physics.....	2 040 50	92 00	1 948 50
Physiology.....	768 50	43 75	724 75
Psychology.....	42 50	2 50	40 00
Public Speaking.....	195 00	17 50	177 50
T. & A. Mechanics.....	578 50	21 00	557 50
Zoology.....	1 310 75	36 64	1 274 11
<i>Total Laboratory Fees, Urbana.....</i>	<u>\$ 37 653 75</u>	<u>\$1 480 51</u>	<u>\$ 36 173 24</u>
<i>Total Fees, Urbana.....</i>	<u>\$300 082 50</u>	<u>\$7 539 76</u>	<u>\$292 542 74</u>

	<i>Medicine</i>		<i>Dentistry</i>		<i>Pharmacy</i>		<i>Graduate</i>		<i>Gross</i>	<i>TOTAL Refund</i>	<i>Net Total</i>
	<i>Gross</i>	<i>Refund</i>	<i>Gross</i>	<i>Refund</i>	<i>Gross</i>	<i>Refund</i>	<i>Gross</i>	<i>Refund</i>			
Matriculation.....			\$ 20 00		\$ 20 00				\$ 40 00		\$ 40 00
Tuition.....	\$19 472 00	\$ 228 25	10 050 25	\$ 153 00	23 807 00	\$ 611 75	\$ 263 50		53 592 75	\$ 993 00	\$ 52 599 75
Late Registration....			5 00						5 00		5 00
Transcript of Credits..	2 00				3 00				5 00		5 00
Special Examination..	5 00				220 00				225 00		225 00
Diploma.....	800 00		440 00		970 00		30 00		2 240 00		2 240 00
Total, General Fees...	\$20 279 00	\$ 228 25	\$10 515 25	\$ 153 00	\$25 020 00	\$ 611 75	\$ 293 50		\$ 56 107 75	\$ 993 00	\$ 55 114 75
Laboratory Fees.....	\$ 4 063 50	\$ 72 68	\$ 2 601 50	\$ 152 00	\$ 8 961 00	\$ 256 04			\$ 15 626 00	\$ 480 72	\$ 15 145 28
<i>Total Fees, Chicago</i>											
<i>Departments.....</i>	<i>\$24 342 50</i>	<i>\$ 300 93</i>	<i>\$13 116 75</i>	<i>\$ 305 00</i>	<i>\$33 981 00</i>	<i>\$ 867 79</i>	<i>\$ 293 50</i>		<i>\$ 71 733 75</i>	<i>\$1 473 72</i>	<i>\$ 70 260 03</i>
<i>Total Fees, University..</i>									<i>\$371 816 25</i>	<i>\$9 013 48</i>	<i>\$362 802 77</i>

This report was received for record.

**COMPTROLLER'S REPORT OF CONTRACTS AND
PURCHASE ORDERS**

(32) The following report from the Comptroller of contracts and purchase orders executed since the last report was made:

September 17, 1928

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I transmit herewith report of contracts executed by the Comptroller since the last report, together with report of the Purchasing Agent of purchase orders issued during the months of June, July, and August, 1928, amounting to \$1,000 or more.

Cordially yours,

LLOYD MOREY,
Comptroller

**CONTRACTS EXECUTED BY THE COMPTROLLER
JUNE 7, 1928, TO SEPTEMBER 17, 1928**

Miscellaneous contracts executed under general regulations:

Name	Amount	Date	Item
Commonwealth Edison Co.	Rate "C" of Illinois State Commerce Commission	May 16, 1928	Light and power service to School of Pharmacy, 711 to 715 South Wood Street, Chicago.
Tabulating Machine Co.	\$65 a month plus cost of installing	May 16, 1928	Rental on one set of type 83. Tabulating machines to be installed in Statistical office.
Rezilite Manufacturing Company	\$2 830	July 21, 1928	Rezilite floors to be installed in Chemistry Building.
Henry Reuter & Sons	\$2 471	August 1, 1928	Remodeling in University Hall.
De Moulin Bros. & Co.	\$30 each	August 3, 1928	R. O. T. C. Uniforms to be furnished for 1928-29.

Lease contracts executed under general regulations:

Leased to	Property	Rental	Date	Tenure	Use
Peter Scholl	1207 W. Sloughton Street, Urbana	\$45 per month	August 21, 1928	August 15, 1928 to August 14, 1929	
C. A. Wilson	806 South Sixth Street, Champaign	\$70 per month	August 27, 1928	September 1, 1928 to June 30, 1929	
E. A. Moore	Sherwood House on Maple St., Champaign	\$20 per month	September 12, 1928	November 1, 1928 to October 31, 1929	
Leased from	Property	Rental	Date	Tenure	Use
Raymond Pickup (Renewal)	1/4 acre in Madison County	\$5 a year	August 31, 1928	September 15, 1928 to September 14, 1931	Agricultural Experimentation, Department of Agronomy.

**ORDERS ISSUED DURING JUNE, 1928,
AMOUNTING TO \$1000 OR MORE**

Date	Amount	Department	Firm	Description	Procedure
6-4-28	\$1200.00	Physical Education for Men	F. K. Robeson	Ribbed Towels	Competitive
6-5-28	\$1414.70	Animal Husbandry	Long Bell Lumber Company	Fence Posts	Competitive
6-5-28	\$1150.00	Military	A. Garfunkel	Overcoats	Quoted
6-8-28	\$1900.00	Physical Plant	Electric Coal Company	Coal	Quoted ¹
6-12-28	\$1443.80	Agronomy	International Harvester Company	Tractor, Separator	Competitive
6-12-28	\$1035.00	Animal Husbandry	J. R. Thompson	Bull	Quoted ²
6-13-28	\$1126.93	General Chemical Stores	Wilkens Anderson Company	Laboratory Supplies	Competitive
6-13-28	\$2219.75	General Chemical Stores	E. H. Sargent and Company	Laboratory Supplies	Competitive
6-13-28	\$1084.05	General Chemical Stores	Schaar and Company	Laboratory Supplies	Competitive
6-13-28	\$1635.52	General Chemical Stores	Rascher and Betzold	Laboratory Supplies	Competitive

¹Arranged by Mr. J. A. Morrow.

²Arranged by Head of Department.

6-13-28	\$1191.00	General Chemical Stores	Glasco Products Company	Laboratory Supplies	Competitive
6-14-28	\$1350.00	Physical Plant	Bell and Zoller Company	Coal	Quoted ²
6-18-28	\$1620.00	Physical Plant	Electric Coal Company	Coal	Quoted ²
6-18-28	\$1010.00	Animal Husbandry	E. C. Saddoris	Corn	Quoted

H. M. EDWARDS,
Purchasing Agent

**ORDERS ISSUED DURING JULY, 1928,
AMOUNTING TO \$1000 OR MORE**

Date	Amount	Department	Firm	Description	Procedure
7- 7-28	\$1125.00	Animal Husbandry	Swift and Company	Meat Scraps	Quoted
7- 7-28	\$2000.00	Agriculture	Pantagraph Printing and Stationery Co.	Cans and Cases	Contract
7-11-28	\$4854.00	Agronomy	A. Hoen Co.	Maps	Quoted
7-12-28	\$3500.00	Physical Plant	Bell and Zoller Coal Co.	Coal	Quoted ²
7-16-28	\$1600.00	Physical Plant	Electric Coal Co.	Coal	Quoted ²
7-16-28	\$2131.25	Physical Plant	Daniels and Blake	Graham Truck	Quoted
7-19-28	\$1845.50	Physical Plant	Republic Flow Meter Co.	Flow Meters	Quoted
7-20-28	\$2800.00	Physical Plant	American Cast Iron Pipe Co.	Water Main and Fittings	Competitive
7-20-28	\$1550.00	Physical Plant	American Cast Iron Pipe Co.	Water Main and Fittings	Competitive
7-21-28	\$1544.40	Supervising Architect	American Seating Co.	Tablet Arm Chairs	Quoted
7-24-28	\$1200.00	Physical Plant	Baker Manufacturing Co.	Scrapers	Competitive
7-27-28	\$2000.00	University Press	George Banta Printing Co.	Printing	Contract
7-31-28	\$1500.00	Physical Plant	Inland Supply Co.	Steel Pipe	Competitive

H. M. EDWARDS,
Purchasing Agent

**ORDERS ISSUED DURING AUGUST, 1928,
AMOUNTING TO \$1000 OR MORE**

Date	Amount	Department	Firm	Description	Procedure
8- 2-28	\$1460.00	McKinley Hospital	Johnson Brothers	Electric Refrigerator	Competitive
8- 2-28	\$1395.00	School of Music	Cable Piano Company	Grand Piano	Quoted ¹
8- 2-28	\$3100.00	School of Music	Lloyde's Music Store	Two Grand Pianos	Quoted ¹
8- 3-28	\$1706.42	General Chemical Stores	Mallingkrodt Chemical Works	Chemicals	Competitive
8- 7-28	\$3000.00	Physical Education for Women	White Line Laundry	Laundering for year 1928-29	Competitive
8-10-28	\$7500.00	Supervising Architect	American Seating Company	Portable Chairs \$2.90 each	Competitive
8-10-28	\$1140.00	McKinley Hospital	Standard X-Ray	Bedside X-Ray	Quoted
8-13-28	\$1800.00	Physical Plant	Electric Coal Company	Coal	Quoted ²
8-21-28	\$2328.00	Registrar's Office	W. M. Welch Diploma House	Diplomas	Competitive
8-24-28	\$1126.30	Supervising Architect	Alexander H. Revell Company	Furniture	Quoted
8-27-28	\$1363.50	Physical Plant	T. J. Foley Lumber Company	Lumber	Competitive
8-28-28	\$2500.00	Physical Education for Men	White Line Laundry	Laundering for year 1928-29	Competitive
8-28-28	\$1030.00	Animal Husbandry	Hayes Grain and Commission Co.	Cottonseed	Quoted
8-29-28	\$1153.00	Supervising Architect	Gandy and Earp	Labor	Quoted

H. M. EDWARDS,
Purchasing Agent

This report was received for record.

¹Arranged by Director Stiven and Mr. Morey.

²Arranged by Mr. J. A. Morrow.

APPOINTMENT OF DR. ERIC A. FENNEL

(33) On recommendation of Dean Davis, I recommend that Dr. Eric A. Fennel, formerly pathologist of the clinic at Honolulu, T. H., be appointed Associate Professor of Pathology and Bacteriology at an annual salary rate of \$4,500 from October 1, 1928, to April 1, 1929.

On motion of Mr. Barr, this appointment was made.

APPOINTMENT OF MISS RUTH MARY KELLOGG

(34) On recommendation of the Dean of the College of Agriculture, I approved as an emergency matter the appointment of Miss Ruth Mary Kellogg as Assistant Professor of Home Management in the Department of Home Economics, for one year from September 1, 1928, at a salary of \$3,000.

On motion of Dr. Noble, this appointment was made.

RETIREMENTS

(35) Under the rules of the Board, the following members of the staff retired on September 1, 1928, provision for their retiring having been made in the budget:

Dan Meneely, physical plant employee, age 68, on July 27, 1928, length of service twenty-one years.

Sell Hamlin, physical plant employee, age 68, January 16, 1928, length of service twenty-three years.

This report was received for record.

PETITION FOR VACATING PART OF HARVEY STREET

(36) The Supervising Architect recommends, and I concur, that the City of Urbana be petitioned to vacate that portion of Harvey Street extending 311.5 feet south of the Illinois Traction Company's right of way, inasmuch as the University owns all the abutting property and there seems no likelihood that the street will ever be opened south. This street divides the property used by the University for coal storage, and it is desirable to enclose the space with a concrete wall along the north property line.

On motion of Dr. Noble, this recommendation was adopted.

SALE OF MEYERS HOUSE ON GREGORY AVENUE

(37) On recommendation of Professor White, I recommend that the Meyers house be sold to the highest bidder for removal and that the Comptroller and Professor White be authorized to call for bids and sell the house to the highest responsible bidder.

On motion of Mrs. Evans, this recommendation was approved.

GREEN STREET PAVEMENT

(38) The City of Champaign has recently re-surfaced Green Street to Wright, and the question arises whether the University will improve Green Street through its property.

In view of the many factors involved, I am not prepared now to recommend an appropriation for the repaving of Green Street, but do recommend that the whole matter be referred to the Committee on Buildings and Grounds for consideration and report, if possible, at the next regular meeting of the Board.

On motion of Mr. Trees, this matter was referred to the Committee on Buildings and Grounds for consideration and report, if possible, at the next meeting of the Board.

PROPOSED AGREEMENT WITH THE ILLINOIS POWER AND LIGHT CORPORATION

(39) Professor White submits a proposed agreement with the Illinois Power and Light Corporation to furnish the University with electrical power. I rec-

ommend that this be referred, for examination and report as promptly as possible, to a special committee of the Board.

On motion of Dr. Noble, this matter was referred to a special committee consisting of the President of the Board, Mr. Trees, and Mr. Barr.

FINANCIAL REPORT OF MCKINLEY HOSPITAL

(40) The Comptroller submits the following financial report of the McKinley Hospital, for the year 1927-28:

July 12, 1928

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I send you herewith, in final form, the financial report of the McKinley Hospital for the year 1927-28. On June 18, I sent you a preliminary report for this period. The figures as given in the enclosed report differ only slightly from those of the preliminary report. For future reference, the report now submitted should replace the one formerly sent you.

Cordially yours,
LLOYD MOREY,
Comptroller

SCHEDULE A MCKINLEY HOSPITAL BALANCE SHEET JUNE 30, 1927, AND JUNE 30, 1928

		ASSETS			
		June 30, 1927		June 30, 1928	
<i>Current Assets</i>					
Cash			\$ 6 829 75		\$ 8 873 36
Accounts Receivable—Individuals					
Prior to Sept. 1	\$404 04			\$434 05	
Sept. 1 to Nov. 30	70 60			86 35	
Dec. 1 to Feb. 29	117 05			215 25	
Mar. 1 to April 30	126 70			352 55	
May 1 to June 30	274 40			259 65	
<i>Sub-total</i>	(992 79)			(1 357 85)	
Hospital Association				39 50	
<i>Total</i>	992 79			1 397 35	
Less: Reserve for Doubtful Accounts	300 00	692 79		300 00	1 097 35
Inventories:					
Food	54 23			348 45	
Supplies	192 56			81 00	
Medical Supplies	178 06	424 85		371 15	800 60
<i>Fixed Assets</i>					
Building	230 639 40			230 639 40	
Equipment	40 824 91	271 464 31		41 548 41	272 187 81
<i>Total Assets</i>		\$279 411 70			\$282 959 12
LIABILITIES AND SURPLUS					
Accounts Payable		\$209 89		\$	103 95
Reserve for July-September Salaries		737 50			874 16
Reserve for Purchase of X-ray Machine					2 000 00
Reserve for Purchase of New Equipment		2 000 00			3 263 55 ¹
Reserve for Future Operations		5 000 00			4 529 65 ¹
Surplus Invested in Fixed Assets		271 464 31			272 187 81
<i>Total Liabilities and Surplus</i>		\$279 411 70			\$282 959 12

¹Unexpended balances of donations from Hospital Association (see Schedule B).

SCHEDULE B
MCKINLEY HOSPITAL STATEMENT OF SURPLUS ACCOUNT
YEAR ENDING JUNE 30, 1928

<i>Operating Deficit, 1927-28</i>	
Summer Expense	
July 1, 1927, to September 15, 1927	\$ 402 34
Accounts Receivable Cancelled	118 34
Operating Deficit	
September 15, 1927, to June 30, 1928	<u>5 949 67</u>
Total Operating Deficit, 1927-28, covered by Hospital Association	
Donations as shown below	\$ 6 407 35
<i>Reserve for 1927-29 Operations</i>	
1926-27 Donation forward July 1, 1927, for 1927-28 Operations	\$ 5 000 00
1927-28 Donation from Hospital Association for 1927-29 Operations	<u>6 000 00</u>
Total Donations to cover Operating Deficit	\$11 000 00
Deduct: Operating Deficit 1927-28 (above)	<u>6 407 35</u>
Balance of Reserve for 1927-29 Operations, June 30, 1928. (Schedule A)	\$ 4 529 65
<i>Reserve for Purchase of New Equipment</i>	
1926-27 Donation forward July 1, 1927, for 1927-28 Purchases	\$ 2 000 00
1927-28 Donation from Hospital Association for 1928-29 Purchases	<u>3 000 00</u>
Total Donations for Equipment	\$ 5 000 00
Deduct: 1927-28 Purchases (New and Replacement)	<u>1 736 45</u>
Balance of Reserve for Purchase of New Equipment, June 30, 1928 (Schedule A)	\$ 3 263 55

SCHEDULE C
MCKINLEY HOSPITAL COMPARATIVE STATEMENT OF INCOME
AND EXPENSE 1926-27 AND 1927-28

	1926-27		1927-28	
	Amount	Per Cent to Total Income	Amount	Per Cent to Total Income
<i>Income</i>				
Private Days 1575			\$ 7 875 00	
Ward Days 3989			13 961 50	
Special Nurse			992 50	
Special Medicine			639 00	
Laboratory Charges			1 002 50	
Operating Room Charge			83 50	
Total Income	<u>\$26 047 10¹</u>	100%	<u>\$24 554 00²</u>	100%
<i>Expense</i>				
Salary of Superintendent	\$ 2 100 01	8 06	\$ 2 200 00	8 96
Salaries of Nurses and Orderlies	7 162 72	27 51	7 543 51	30 73
Salary of Dietitian	1 440 00	5 53	1 420 00	5 78
Wages of Kitchen Help	900 00	3 45	900 00	3 67
Wages of Office Help	406 74	1 56	530 70	2 16
Wages of Maids	1 263 07	4 85	1 832 78	7 46
Wages of Technician	675 00	2 59	604 60	2 46
Wages of Miscellaneous Help	276 19	1 06	962 48	3 92
Sub-total Salaries	(14 223 73)	(54 61)	(15 994 07)	(65 14)
Food	7 167 59	27 52	7 128 24	29 03
Laundry	3 113 28	11 95	3 157 82	12 86
<i>House Expense</i>				
Cleaning Supplies	267 52	1 03	441 93	1 80
Electrical and Mechanical Supplies	182 33	.70	174 71	.71
Gas	441 87	1 70	379 69	1 55
Office Expense	423 25	1 62	427 27	1 74
Repairs	587 89	2 26	656 05	2 67
Sanitary Hauling	53 00	.20	110 50	.45
Sterilization Equipment Operation	187 49	.72	130 18	.53
Drugs and Medical Supplies	1 177 04	4 52	1 096 31	4 46
General Supplies				
Ice	335 00	1 28	380 00	1 55
Napkins, Towels, and Cups	51 64	.20	206 39	.84
Newspapers and Magazines	67 20	.26	93 00	.38
Miscellaneous	101 33	.39	127 51	.52
Total Expense	<u>\$28 380 16</u>	108 06	<u>\$30 503 67</u>	124 23
Operating Loss	\$ 2 333 06	8 96	\$ 5 949 67	24 23

¹Hospital Ass'n., \$17 129 20.²Hospital Ass'n., \$14 583 50.

SCHEDULE D
MCKINLEY HOSPITAL COMPARATIVE COST STATISTICS
1926-27 AND 1927-28

	<u>Cost Per Patient Day</u>	
	<u>1926-27</u>	<u>1927-28</u>
<i>Income</i>		
Total Income.....	\$4 42	\$4 41
<i>Expense</i>		
Salary of Superintendent.....	36	39
Salaries of Nurses and Orderlies.....	1 22	1 36
Salary of Dietitian.....	24	25
Wages of Kitchen Help.....	15	16
Wages of Office Help.....	07	10
Wages of Maid.....	22	33
Wages of Technician.....	11	11
Wages of Miscellaneous Help.....	05	17
<i>Sub-total Salaries and Wages.....</i>	(2 42)	(2 87)
Food.....	1 22	1 28
Laundry.....	53	57
House Expense		
Cleaning Supplies.....	05	08
Electrical and Mechanical Supplies.....	03	03
Gas.....	07	07
Office Expense.....	07	08
Repairs.....	10	12
Sanitary Hauling.....	01	02
Sterilization Equipment Operation.....	03	02
Drugs and Medical Supplies.....	20	20
General Supplies		
Ice.....	05	07
Napkins, Towels, and Cups.....	01	04
Newspapers and Magazines.....	01	01
Miscellaneous.....	02	02
<i>Total Expense.....</i>	\$4 82	\$5 48
<i>Operating Loss.....</i>	\$ 40	\$1 07
<i>Patient Days.....</i>	5 893	5 565

On motion of Mr. Trees, this report was received for record.

ENDORSEMENT OF THE CHICAGO HISTORICAL SOCIETY

(41) The Chicago Historical Society has asked the University to endorse its project to build a modern Historical Library and Museum on site to be provided by the Commissioners of Lincoln Park in Chicago. The Society would appreciate the adoption of the following resolution by the Board of Trustees of the University of Illinois:

RESOLUTION

WHEREAS, the General Assembly of the State of Illinois has recently enacted legislation by virtue of which the Commissioners of Lincoln Park are authorized to allocate a site in the Park to the Chicago Historical Society,

AND WHEREAS, the Society proposes to erect on this site a modern, artistic, fireproof building for the purpose of an historical library and museum which will provide special rooms for children and adult education and modern lecture equipment, together with a lecture service in the public schools on special subjects as desired and approved by the Superintendent of Schools,

AND WHEREAS, the work of this great organization is educational, and its sphere of influence is state wide, although its building is centrally located in our great metropolitan city,

NOW THEREFORE BE IT RESOLVED that the Trustees of the University of Illinois are of the opinion that the project of this Society to erect a modern, artistic, fireproof building for its work, with special provisions for children and adult education and other educational conveniences, deserves the support of the public of the City of Chicago, and hereby expresses its approval of this great project.

On motion of Dr. Noble, this resolution was adopted.

UNCLAIMED ARTICLES

(42) A report from the Supervising Architect on articles found on the campus and in the buildings, for which no claimants have appeared.

This report was received for record.

REPORT, WOMAN'S RESIDENCE HALLS

(43) A report on the operation of the Woman's Residence Halls.

September 19, 1928

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I send you herewith a financial report of our two large Woman's Residence Halls as of September 12, 1928, which is approximately the beginning of a new year of operations.

The operation this summer resulted in a small loss and the expenditures for repairs and replacements amounted to over \$12,000. As a result, the net balance in the Residence Halls fund which on June 15, 1928, was as per my letter of July 14, \$114,886.01, was on September 12, 1928, as per the enclosed report, \$102,477.60.

Cordially yours,

LLOYD MOREY
Comptroller

SCHEDULE A
WOMAN'S RESIDENCE HALLS BALANCE SHEET
SEPTEMBER 12, 1928

ASSETS			
<i>Current Assets</i>			
Cash.....		\$108 320 00	
Accounts Receivable.....		22 00	
Inventories			
Food.....	\$2 966 29		
Supplies.....	295 97	3 262 26	
<i>Total Current Assets</i>			\$111 605 16
<i>Fixed Assets</i>			
Land.....		23 854 77	
Building.....		479 042 30	
Equipment.....		73 316 47	
<i>Total Fixed Assets</i>			576 413 54
<i>Total Assets</i>			\$688 018 70
LIABILITIES AND SURPLUS			
<i>Current Liabilities</i>			
Deposits for Admission.....		\$ 4 130 00	
Accounts Payable.....		4 947 56	
Reserve for August-September Salaries.....		50 00	
<i>Total Current Liabilities</i>			\$ 9 127 56
<i>Surplus</i>			
Surplus Invested in Fixed Assets.....		576 413 54	
Operating Surplus (Sch. B).....		102 477 60	
<i>Total Surplus</i>			678 891 14
<i>Total Liabilities and Surplus</i>			\$688 018 70

SCHEDULE B
WOMAN'S RESIDENCE HALLS STATEMENT OF OPERATING
SURPLUS 1928-29 TO SEPTEMBER 12, 1928

	Dining Room	Woman's Residence Hall House Operation	West Residence Hall House Operation	Total
<i>Operating Profits</i>				
Summer Session.....	\$1 623 80		\$ 15 13	\$1 638 93
Less:				
Miscellaneous				
Expenses June 15 to September 12, 1928..	382 40	\$1 126 81	416 34	1 925 55
<i>Total Operating Profit</i>	\$1 241 40	\$1 126 81*	\$ 401 21*	\$ 286 62*
<i>Deduct:</i>				
Expenses for Extraordinary Repairs, etc.....	2 413 01	7 239 05	2 050 27	11 702 33
<i>Net Operating Profit</i>	\$1 171 61*	\$8 365 86*	\$2 451 48*	\$ 11 988 95*
<i>Add:</i>				
Balance forward June 15, 1928.....				114 886 01
				\$102 897 06
<i>Deduct:</i>				
New Equipment Purchases.....			100 50	
Equipment Replacements.....			318 96	419 46
<i>Balance September 12, 1928 (Sch. A)</i>				\$102 477 60

*Deficit—Deduct.

SCHEDULE C
SUMMARY STATEMENT OF INCOME AND EXPENSE
WOMAN'S RESIDENCE HALL AND WEST RESIDENCE HALL
JUNE 15, 1928, TO AUGUST 15, 1928

	Dining Room		Woman's Residence Hall House Operation		West Residence Hall House Operation		Total Amount
	Amount	Per Cent To Total Income	Amount	Per Cent To Total Income	Amount	Per Cent To Total Income	
<i>Income</i>							
Board.....	\$7 033 00						\$7 033 00
Room Rent.....					\$1 934 00		1 934 00
Miscellaneous Receipts.....	184 12				96 86		280 98
<i>Total Income</i>	(7 217 12)	100%			(2 030 86)	100%	(9 247 98)
<i>Expense</i>							
Food.....	3 799 20	52 65					3 799 20
Salaries and Wages.....	1 043 81	14 46			1 428 58	70 34	2 472 39
Laundry.....	207 89	2 88			168 36	8 29	376 25
Gas.....	83 80	1 16					83 80
Repairs.....	42 62	59			55 78	2 75	98 40
Operating Supplies.....	57 98	80			83 86	4 13	141 84
Office Expense.....	124 19	1 72			143 22	7 05	267 41
Heat, Light, Power, and Water.....	233 83	3 24			135 93	6 69	369 76
<i>Total Expense</i>	(5 593 32)	77 50			(2 015 73)	90 25	(7 609 05)
<i>Operating Profit</i>	\$1 623 80	22 50			\$ 15 13	75	\$1 638 93
<i>Operating Profit, June 15, 1927, to August 15, 1927</i>	\$2 831 16	29 86	\$93 93*	4 77*	\$ 414 77*	36 30*	\$2 322 46

*Deficit—Deduct.

SCHEDULE D
WOMAN'S RESIDENCE HALLS COST STATISTICS
JUNE 15, 1928, TO AUGUST 15, 1928

	<i>Dining Room</i>	<i>Woman's Residence Hall House Operation</i>	<i>West Residence Hall House Operation</i>	<i>Total</i>
<i>Income</i>	\$57 74		\$16 25	\$73 99
<i>Expense</i>				
Food.....	30 40			30 40
Light, Heat, Power, and Water.....	1 87		1 09	2 96
Salaries and Wages.....	8 35		11 43	19 78
Laundry.....	1 66		1 35	3 01
Gas.....	67			67
Repairs.....	34		45	79
Office Expense.....	1 00		1 14	2 14
Operating Supplies.....	46		67	1 13
<i>Total Expense</i>	\$44 75		\$16 13	\$60 88
<i>Operating Profit</i>	\$12 99		\$ 12	\$13 11
<i>Operating Profit, Same Period 1927</i>	\$17 16	\$ 96*	\$ 6 19*	\$14 07
Number Paying for Service.....	125		125	125

*Deficit—Deduct.

This report was received for record.

PERMITS FOR AUTOMOBILES

On motion of Mr. Trees, the President of the University was requested to make a report on the permits issued to students to operate automobiles.

DATE OF OCTOBER MEETING

On motion of Mr. Trees, it was voted to hold the October meeting at 9:30 a. m. on Saturday, October 13, in Chicago.

DEGREES GRANTED IN AUGUST, 1928

The Secretary presented for record the following report of degrees conferred at the end of the Summer Session of 1928.

GRADUATE SCHOOL

Degree of Master of Arts

In Classics

HELEN LEONE BERGSTROM, A.B., Illinois Woman's College, 1926
 CHARLES CLARE HOWER, A.B., North Central College, 1927
 SISTER MARY DONALD McNEIL, B.V.M., A.B., Mt. St. Joseph College, 1920

In Economics

JAMES ELLWOOD AMOS, A.B., Colorado College, 1923
 STEPHEN JOSEPH NAVIN, B.S., Cornell University, 1923

In Education

SIDNEY ALEXANDER DENISON, B.Ed., Illinois State Normal University, 1922
 ABBOTT PHILIP HERMAN, C.E., Cornell University, 1920
 CORA ZENOBIA LIPE, B.S., Carthage College, 1911
 CLARENCE ORR, A.B., 1914
 JEROME EPHRAIM ROBBINS, A.B., Eureka College, 1925
 LEWIS CLEON ROBEY, A.B., Wabash College, 1903
 HARRY ERNEST SLUSSER, A.B., University of Indiana, 1925
 SISTER MARY EVARISTA SWEENEY, B.V.M., Ph.B., Loyola University, 1924

In English

RACHEL AKERS PALMER, A.B., Western College for Women, 1921
 STEPHEN JOHN RADTKE, A.B., 1922
 ALEXANDER MARION SAUNDERS, B.S., M.S., Alabama Polytechnic Institute, 1922, 1925
 DOROTHY IRENE WEST, B.S., 1926

In German

PAUL KREIDLER CRESSMAN, A.B., Lehigh University, 1926

In History

JESSIE MAY TOLAND, A.B., 1908, B.S., 1919

In Library Science

LOUISE GILMAN PRICHARD, A.B., 1921, B.S. in Lib. Sci., 1927

JEROME KEAR WILCOX, A.B., Wesleyan University, 1926, B.S., 1927

In Mathematics

FRANK CLIFTON GERMAN, B.S., Kansas State Teachers College, 1924

VERLA GLADYS HAYS, B.Ed., Eastern Illinois State Teachers College, 1927

In Romance Languages

MARY ELLEN CARROLL, A.B., James Millikin University, 1911

GERTRUDE LOUISE MOELLER, A.B., 1927

ERNEST IRVING STAHLY, A.B., Bluffton College, 1924

In Sociology

LUKE TALBOT HOOD, A.B., James Millikin University, 1927

GEORGENE PHYLLIS KERCHNER, A.B., 1927

Degree of Master of Science

In Accountancy

LOUIS ARNOLD HUSTON, B.S., 1927

CLARE LEWIS THOMAS, A.B., Colorado College, 1926

In Agronomy

JOHN PULLMAN WELBORN, B.S., Mississippi Agricultural and Mechanical College, 1921, B.S., Iowa State College, 1927

In Botany

DWIGHT DEWITT O'NEIL, A.B., 1924

In Chemistry

HOMER RUSSELL DUFFEY, B.S., Shurtleff College, 1926

GLENN CHARLES FINGER, B.S., 1927

LESLIE JAMES ROLL, B.S., Oregon State Agricultural College, 1927

PIERCE WILSON SELWOOD, A.B., University of British Columbia, 1927

SEYMOUR LIBOLT VANORDEN, B.S., Syracuse University, 1923

In Dairy Husbandry

STANLEY VIMONT LAYSON, B.S., South Dakota State College, 1918

In Economics

MARGARET MAE BARTON, B.S., 1927

In Education

JOHN REA AMBRUSTER, B.S., 1917

ALBERT LEWIS LINDEL, B.S., 1925

In Farm Organization and Management

WILLARD PARMINTER RANNEY, B.S., 1917

In Theoretical and Applied Mechanics

ALBERT JORGENSEN, B.S., E.M., Michigan College of Mines, 1924

In Zoology

MARIE BELLE MCCABE, B.S., 1921

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

MARIAN ELIZABETH BAKER
FRITZ BRAUN
AUDRA EARL COCKRUM
VINCENT JOSEPH DORNAUS
EDWIN HENRY DRAKE
SEYMOUR FISHER

JAMES WILLIAM JACOBSON, II
CARROLL SPENCER LANGSTON
FRANK RAYMOND SCHUNK
DOMINICK JOSEPH VERDA
ELBERT HAROLD WHITESIDE
ALBYN GARRETT WOLFE

Degree of Bachelor of Science

In Liberal Arts and Sciences

GLENN MERLE MCGUCKIN

In Chemistry

WALTER NIVLING DAY

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Banking and Finance

EDMOND ANDERSON MACLIN

In Commerce and Law

LEONARD FRANCIS MURPHY

HARRY CHARLES PARTLOW

In General Business

ALFRED FREDERICK ALDOUS
LELAND WARREN BERGSTROM
OTIS LEROY BUSWELL
THEOPHIL HENRY FREDRICK HOFER
LOUISE BLUM HOLMES
IMO IRENE HORNING
KATHERINE MAY HOUTZ
CHARLES JOHN JANECEK

HAROLD CLAYTON LORING
CARL ARMINGTON MILTMORE
THOMAS FRANK O'CONNELL, JR.
GARRETA SCHRIBER
EDWIN BURTON THAYER
CLYDE AUGUSTIN WEBBER
VEARNELL WHITE

In Public Utilities

HAROLD FLETCHER LAYMAN

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

ROBERT CHARLES ANTONIDES
MARGE CARROLL
RAYMOND CALVIN FORD
ELIZABETH MAY HOLBROOK,
with High Honors in Botany
MARIE HARRIET JOHNSTON
H ARPIN KOEHLER

CHARLES DALLMAN LUCID
IDA HELEN QUATMAN
RUTH SARA RAYBURN
KATHRYN MARGARET SHOEMAKER
DWIGHT YORK, with High Honors
in Mathematics

COLLEGE OF LAW

Degree of Bachelor of Laws

WALTER RALPH BRENNAN

REINHOLD NEAL INGELSON

Degree of Bachelor of Science

In Law

GEORGE ALLEN PERMAN

SCHOOL OF LIBRARY SCIENCE

Degree of Bachelor of Science in Library Science

MARY ELIZABETH BRADT
FRANCES HELEN NORRIS

CERILLA ELIZABETH SAYLOR
SISTER MARY MARGARET AGNES KNOER

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented, also for record, a list of appointments made by the President of the University.

Allen, Charles L., Instructor in Journalism, for ten months beginning September 1, 1928, at a cash compensation of three thousand dollars (\$3000). (August 8, 1928)¹

Babb, Helen Catherine, Typist and Filing Clerk in the Order Department of the Library, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred dollars (\$900). (August 20, 1928)²

Ballam, George A., Research Assistant in Ceramic Engineering, in the Engineering Experiment Station, for one year beginning September 1, 1928, at a cash compensation of two thousand five hundred dollars (\$2500). (August 23, 1928)²

Barber, Mrs. Mildred Cain, Clerk and Stenographer in the Department of Architecture, in the College of Engineering, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 20, 1928)²

Barclay, Gordon Lanier, Assistant in Psychology, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (August 20, 1928)²

Barnes, J. Earll, Assistant in Botany, on one-fourth time, for ten months beginning September 1, 1928, at a cash compensation of three hundred dollars (\$300). (September 18, 1928)

Bauer, Catherine, Stenographer in the President's Office, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred dollars (\$1400). (August 1, 1928)

Benedict, Ruth C., Stenographer and Record Clerk in the Office of the Dean of the College of Commerce and Business Administration, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of eight hundred forty dollars (\$840). (September 11, 1928)

Bigelow, Ruth M., Assistant in Clinical Pathology, in the Hospital Laboratory, in the College of Medicine, for one year beginning September 1, 1928, at a cash compensation of one thousand five hundred dollars (\$1500). (September 15, 1928)

Bird, Ralph D., Assistant in Zoology, for ten months beginning September 1, 1928, at a cash compensation of one thousand six hundred dollars (\$1600). (September 13, 1928)

Black, Paul H., Assistant in Mechanical Engineering, in the College of Engineering, for ten months beginning September 1, 1928, at a cash compensation of two thousand dollars (\$2000). (August 10, 1928)

Boewe, Gideon Herman, Assistant in Botany, on one-fourth time, for ten months beginning September 1, 1928, at a cash compensation of three hundred dollars (\$300). (September 18, 1928)

Boyd, Mrs. Ella Frantz, Director of Social Activities in the Woman's Residence Hall, for ten months beginning September 1, 1928, at a cash compensation of nine hundred dollars (\$900), with maintenance, including living quarters, board, and personal laundry, while on duty. (August 4, 1928)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

²Appointment made by Professor E. H. Cameron in absence of the President.

Brown, Doris M., Record Clerk in the Registrar's Office, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of eight hundred forty dollars (\$840). (August 20, 1928)²

Bruhn, Esther, Chief Clerk in the Office of the Dean of the College of Liberal Arts and Sciences, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 6, 1928)

Burrows, William, Assistant in Bacteriology, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (August 16, 1928)³

Corrigan, Kenneth Edwin, Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (September 8, 1928)³

Crabtree, Fern, Assistant to the Dean of the College of Liberal Arts and Sciences, for six months beginning September 1, 1928, at a cash compensation at the rate of one hundred fifty-eight dollars thirty-three cents (\$158.33) per month, this superseding her previous appointment. (September 15, 1928)

DeLargy, P. L., Instructor in Philosophy, for ten months beginning September 1, 1928, at a cash compensation of one thousand eight hundred dollars (\$1800), this superseding his previous appointment. (September 18, 1928)

Dennis, Annetta, Assistant in the University High School, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of nine hundred fifty dollars (\$950), this superseding her previous appointment. (August 9, 1928)

Doran, Edwin Beale, Associate Professor of Farm Mechanics, in the College of Agriculture, on one-fourth time, for ten months beginning September 1, 1928, at a cash compensation of nine hundred dollars (\$900). (July 13, 1928)

Douglass, James, Bookkeeper in the Auditing Division of the Business Office, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (August 2, 1928)

Driver, Ernest Charles, Research Assistant in Zoology, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of seven hundred dollars (\$700). (August 14, 1928)³

DuBois, Franklin Smith, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1928, at a cash compensation of three hundred dollars (\$300). (August 20, 1928)²

Duffy, Frances, Assistant in Botany, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (August 9, 1928)

Duffy, Helen E., Assistant in the Loan Department of the Library, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 6, 1928)

Eby, Luther Kent, Assistant in Soil Survey Analysis, in the Department of Agronomy, in the Agricultural Experiment Station, for one year beginning September 1, 1928, at a cash compensation of one thousand two hundred dollars (\$1200). (August 7, 1928)

Ewald, Mrs. Ida Axtell, Director of Social Activities in the West Residence Hall, for ten months beginning September 1, 1928, at a cash compensation of nine hundred dollars (\$900), with maintenance, including living quarters, board, and personal laundry, while on duty. (August 4, 1928)

Ewer, Seth Judson, Assistant and Research Assistant in Botany, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (August 10, 1928)

²Appointment made by Professor Cameron in absence of the President.

³Appointment made by Dean Daniels during absence of the President.

Fagan, Harrison B., Associate in Economics, for one year beginning September 1, 1928, at a cash compensation of three thousand dollars (\$3000). (August 1, 1928)

Fisch, M. E., Assistant in Anatomy, in the College of Medicine, on one-half time, for one year beginning September 1, 1928, at a cash compensation at the rate of forty-one dollars sixty-six cents per month (\$41.66). (August 20, 1928)²

Fritschle, Alice Elizabeth, Assistant in English, on two-thirds time, for ten months beginning September 1, 1928, at a cash compensation of one thousand dollars (\$1000). (August 27, 1928)²

Germer, Albert Edward, Jr., Assistant in English, on two-thirds time, for ten months beginning September 1, 1928, at a cash compensation of one thousand dollars (\$1000). (August 10, 1928)

Giesecke, Minnie, Assistant in Athletic Research, for ten months beginning September 1, 1928, at a cash compensation of one thousand six hundred dollars (\$1600). (August 14, 1928)²

Glenn, Marguerite J., Dispensary Nurse in the College of Medicine, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 6, 1928)³

Golub, H. W., Assistant in Medicine, in the College of Medicine, for one year beginning September 1, 1928, without salary. (September 13, 1928)

Gradwohl, Beulah E., House Manager of the Woman's Residence Hall and the West Residence Hall, for one year beginning September 1, 1928, at a cash compensation of three thousand dollars (\$3000), with maintenance, including living quarters, board, and personal laundry, while on duty. (August 4, 1928)

Gulick, Louise Elizabeth, Assistant in Botany, on one-fourth time, for ten months beginning September 1, 1928, at a cash compensation of three hundred dollars (\$300). (September 18, 1928)

Gwin, Howell Holmes, Assistant in English, on two-thirds time, for ten months beginning September 1, 1928, at a cash compensation of one thousand dollars (\$1000). (August 9, 1928)

Hartell, John A., Associate in Architecture, in the College of Engineering, for one year beginning September 1, 1928, at a cash compensation of three thousand dollars (\$3000). (August 16, 1928)²

Hays, Anna L., Resident in Pediatrics, in the College of Medicine, for ten months beginning September 1, 1928, at a cash compensation of five hundred dollars (\$500). (August 2, 1928)

Hectorne, Ronald Lester, Assistant in Animal Pathology, in the College of Agriculture and in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1928, at a cash compensation of one thousand dollars (\$1000). (September 11, 1928)

Hendrix, Gertrude, Instructor in the University High School, for ten months beginning September 1, 1928, at a cash compensation of one thousand five hundred dollars (\$1500). (August 10, 1928)

Howell, George Evan, Assistant in Accountancy, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (September 7, 1928)¹

Hughes, Alberta, Assistant in the Loan Department of the Library, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 6, 1928)

Johnson, Clarence A., Lilly Research Fellow in the Department of Physiology and Physiological Chemistry, in the College of Medicine, for one year beginning September 1, 1928, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 13, 1928)

¹Appointment made by Professor Cameron in absence of the President.

²Appointment made by Dean Daniels during absence of the President.

Johnston, Mary E., Record Clerk in the Registrar's Office, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960), this superseding her previous appointment. (August 27, 1928)²

Jordan, Garrett Lowell, Research Assistant in Agricultural Economics, in the Agricultural Experiment Station, on one-fourth time, for one year beginning September 1, 1928, at a cash compensation of three hundred sixty dollars (\$360). (August 11, 1928)²

Kahn, Mrs. Helen, Serologist in the Hospital Laboratory, in the College of Medicine, for one year beginning September 1, 1928, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 15, 1928)

Kellogg, Ruth Mary, Assistant Professor of Home Management, in the Department of Home Economics, for one year beginning September 1, 1928, at a cash compensation of three thousand dollars (\$3000). (August 27, 1928)²

Kjos, Neil A., Assistant in the Department of Military Bands, on one-fourth time, for ten months beginning September 1, 1928, at a cash compensation of three hundred dollars (\$300). (August 9, 1928)

Klinger, Earl, Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1928, at a cash compensation of nine hundred thirty-five dollars (\$935). (August 4, 1928)

Konradt, Martha Anna, Stenographer in the Order Department of the Library, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand twenty dollars (\$1200). (August 7, 1928)²

Leiter, Otho Clarke, Instructor in Journalism, for ten months beginning September 1, 1928, at a cash compensation of three thousand dollars (\$3000). (September 13, 1928)

Levin, Oscar S., Instructor in Surgery, in the College of Medicine, for one year beginning September 1, 1928, without salary. (September 13, 1928)

Lindley, Stanley Bryan, Assistant in Psychology, for ten months beginning September 1, 1928, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 10, 1928)

Loemker, Kenneth Karl, Assistant in Psychology, on two-thirds time, for ten months beginning September 1, 1928, at a cash compensation of nine hundred dollars (\$900). (August 20, 1928)²

Lundeberg, O. K., Instructor in Romance Languages, for ten months beginning September 1, 1928, at a cash compensation of two thousand seven hundred dollars (\$2700), this superseding his previous appointment. (July 31, 1928)

Martin, Mildred Alice, Stenographer and Clerk in the Department of Farm Organization and Management, in the College of Agriculture, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (August 23, 1928)²

Matter, Helen Naomi, Stenographer in Agricultural College Extension, in the College of Agriculture, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eighty dollars (\$1080). (August 27, 1928)²

Maxey, B. C., Assistant in Botany, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (August 9, 1928)

McCormick, Maxine, Stenographer in the Business Office, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred twenty dollars (\$1320). (August 4, 1928)

McCormick, Robert Nathaniel, Assistant in Zoology, for ten months beginning September 1, 1928, at a cash compensation of two thousand dollars (\$2000). (September 12, 1928)

²Appointment made by Professor Cameron in absence of the President.

²Appointment made by Dean Daniels during absence of the President.

McGuckin, Glenn Merle, Assistant in Physics, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of seven hundred dollars (\$700). (August 16, 1928)²

McMackin, Samuel Carl, Assistant in Geology, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (August 23, 1928)²

Millhouse, Louise Elizabeth, Assistant in Bacteriology, for ten months beginning September 1, 1928, at a cash compensation of one thousand five hundred dollars (\$1500). (August 9, 1928)

Moeller, Herbert Fred William, Assistant in English, on two-thirds time, for ten months beginning September 1, 1928, at a cash compensation of one thousand dollars (\$1000). (August 27, 1928)²

Moulton, John Maxim, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (September 8, 1928)²

Nicholson, Hugh Philo, Instructor in Mining Engineering, in the College of Engineering, beginning when he reports for duty and continuing until June 30, 1929, at a cash compensation at the rate of two hundred fifty dollars (\$250) per month. (September 4, 1928)²

Nowell, Reynolds Irwin, Assistant in the Department of Farm Organization and Management, in the Agricultural Experiment Station, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of seven hundred twenty dollars (\$720). (August 10, 1928)

Olsen, Selma Marie, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (September 15, 1928)

Osgood, Frances H., Clerk and Stenographer in the School of Journalism, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eighty dollars (\$1080). (September 6, 1928)²

Phelps, Rose Bernice, Instructor in Library Economy, in the Library School, for ten months beginning September 1, 1928, at a cash compensation of two thousand dollars (\$2000). (August 23, 1928)²

Pinsenshaum, Adam, Military Storekeeper, on part-time, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of six hundred dollars (\$600). (September 17, 1928)

Pires, Vivian M., Assistant in Botany, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (August 9, 1928)

Pittman, George Allen, Mechanical Assistant in Chemistry, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200). (September 4, 1928)²

Reed, John C., Assistant in Mechanical Engineering, in the College of Engineering, for ten months beginning September 1, 1928, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 20, 1928)²

Rice, Percival S., Assistant in Psychology, on two-thirds time, for ten months beginning September 1, 1928, at a cash compensation of nine hundred dollars (\$900). (August 20, 1928)²

Rubey, Arthur Carson, Jr., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (August 4, 1928)

Schimpff, Gust Weber, Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1928, at a cash compensation of three hundred dollars (\$300). (August 4, 1928)

²Appointment made by Professor Cameron in absence of the President.

²Appointment made by Dean Daniels during absence of the President.

Schmalhausen, Josephine, Head Stenographer in the Department of Animal Husbandry, in the Agricultural Experiment Station, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand five hundred dollars (\$1500). (September 5, 1928)

Schubert, Ray E., Assistant in German, on three-fourths time, for ten months beginning September 1, 1928, at a cash compensation of one thousand one hundred dollars (\$1100). (September 15, 1928)

Smith, Margaret, Junior Registration Clerk in the Registrar's Office, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred dollars (\$1300), this superseding her previous appointment. (August 27, 1928)²

Staeble, Mrs. Ida M., House Manager and Social Director of the Davenport House, for ten months beginning September 1, 1928, at a cash compensation of one thousand two hundred fifty dollars (\$1250), with maintenance, including living quarters, board, and personal laundry, while on duty. (August 4, 1928)

Steinman, Floyd H., Second Resident in the Department of Surgery, in the College of Medicine, beginning September 15, 1928, and continuing until September 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) per month. (August 20, 1928)

Stewart, Helen, Assistant in the Loan Department of the Library, beginning September 10, 1928, and continuing until August 31, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred eight dollars thirty-three cents (\$108.33) per month. (September 13, 1928)

Stone, A. Rendle, Assistant in Psychology, on two-thirds time, for ten months beginning September 1, 1928, at a cash compensation of nine hundred dollars (\$900). (August 20, 1928)

Stone, John P., Assistant in the Order Department of the Library, on one-half time, for one year beginning September 1, 1928, at a cash compensation of six hundred seventy-five dollars (\$675). (August 20, 1928)

Swertfeger, Floyd F., Instructor in Philosophy, for ten months beginning September 1, 1928, at a cash compensation of one thousand eight hundred dollars (\$1800), this superseding his previous appointment. (August 10, 1928)

Taylor, Mary D., Cataloger in the Library, on one-half time, for one year beginning September 1, 1928, at a cash compensation of seven hundred fifty dollars (\$750). (August 14, 1928)³

Thompson, Clyde L., Instructor in Ceramic Engineering, in the College of Engineering, for ten months beginning September 1, 1928, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 14, 1928)³

Tucker, Mrs. Lucy J., General Assistant in the Registrar's Office, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred dollars (\$900). (August 27, 1928)²

Verda, D. J., Assistant in Physiology, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of eight hundred dollars (\$800). (September 6, 1928)³

Voelker, Edgar William, Assistant in Sociology, for ten months beginning September 1, 1928, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 20, 1928)²

Warren, Mildred, Stenographer in the Office of the Dean of the College of Dentistry, beginning August 1, 1928, and continuing until September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-six dollars sixty-six cents (\$86.66) per month. (August 2, 1928)

Weeks, Charles W., Professor of Military Science and Tactics, for one year beginning September 1, 1928, at a cash compensation of nine hundred dollars (\$900). (August 13, 1928)³

²Appointment made by Professor Cameron in absence of the President.

³Appointment made by Dean Daniels during absence of the President.

Whitaker, Rodney, Research Assistant in the Division of Agricultural Economics, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1928, at a cash compensation of seven hundred twenty dollars (\$720). (August 7, 1928)

Wilcox, Walter William, Assistant in the Department of Farm Organization and Management, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1928, at a cash compensation of seven hundred twenty dollars (\$720). (August 27, 1928)

Wilson, Margaret E., Assistant in Pediatrics, in the College of Medicine, for one year beginning September 1, 1928, at a cash compensation of one thousand six hundred fifty dollars (\$1650). (August 4, 1928)

Winfield, Gerald Freeman, Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1928, at a cash compensation of three hundred dollars (\$300). (September 15, 1928)

Wood, Arthur E., Technician in Chemistry, for one year beginning September 1, 1928, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 14, 1928)¹

The Board adjourned.

H. E. CUNNINGHAM
Secretary

JAMES W. ARMSTRONG
President

¹Appointment made by Dean Daniels during absence of the President.

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

October 13, 1928



A meeting of the Board of Trustees of the University of Illinois was held at 9:30 a. m. on Saturday, October 13, 1928, at the Blackstone Hotel, in Chicago. As there was no quorum at the hour designated, a recess was taken.

EXECUTIVE COMMITTEE MEETING, OCTOBER 13, 1928

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Saturday, October 13, 1928, during the recess in the meeting of the Board on the same day. Mr. Armstrong, chairman, and Mr. Trees, a member of the Committee, were present; also Mr. Barr, Mrs. Grigsby, and Dr. Noble, members of the Board, and President Kinley, Professor White, and Professor Morey.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Executive Committee considered the following matters presented by the President of the University.

SALE OF ARBOR STREET HOUSE

(1) The Supervising Architect and Comptroller report that pursuant to the authorization of the Board of Trustees at the September meeting to advertise and sell to the highest bidder the house at 1115 Arbor Street, Champaign, they advertised the house and received only one proposal—from Mr. E. L. Allen, who offered \$80 for the house and agreed to remove all debris, provided that he be permitted to work out the amount of the purchase price. They accepted this proposal as it is practicable and it is important that the house be removed. Mr. Allen has been from time to time employed by the University.

This report was received for record.

APPOINTMENT OF DR. E. T. HILLER AS ACTING HEAD OF THE DEPARTMENT OF SOCIOLOGY

(2) On recommendation of Dr. A. H. Daniels, then Acting Dean of the College of Liberal Arts and Sciences, in August, on the occasion of the death of Professor Hayes, I appointed Dr. E. T. Hiller, Associate in Sociology, Acting Head of the Department of Sociology until further notice. Dean Babcock has considered the matter since his return, and, at his request, I now recommend that Dr. E. T. Hiller be promoted to the rank of Assistant Professor and that his salary be made \$3,250 instead of \$3,000 for the current academic year, beginning September 1, and that he be made Acting Head of the Department for the year.

On motion of Mr. Trees, this appointment was made.

REBATE ON FREIGHT PAID ON COAL

(3) The Illinois Commerce Commission has recently ordered certain reductions in freight rates on coal shipped into Champaign and Urbana, effective the middle of October. Under the law, the rates may, by order of the Commission, be made retroactive over a two-year period, and the carriers concerned required to refund the difference on all coal shipped by them into this territory during that period.

The University did not join with the complainants, who were local coal dealers, but may become a beneficiary of the Commission's action on proper application.

I request that this application be authorized, and that the Legal Counsel be directed to take the necessary steps to institute the proper proceedings.

On motion of Mr. Trees, this recommendation was adopted.

SALARY OF MRS. N. S. TALBOT

(4) Dean Noyes makes a very urgent request that the salary of Mrs. N. S. Talbot, who holds the position of Assistant to the Dean and Associate in English, be made \$3,500, beginning September 1 of this year.

After a prolonged discussion of the matter with Dean Noyes, I concur in this recommendation.

On motion of Mr. Trees, this recommendation was approved.

GIFT OF MEDICAL BOOKS

(5) A Chicago physician, a member of the class of 1902, and one-time Instructor in Surgery (1902-04) in the College of Medicine, has offered his professional library, consisting largely of surgical works, to the University.

I recommend that the University accept this gift, and that the books be placed in the Library of the College of Medicine with an appropriate label or plate in each book.

On motion of Mr. Trees, this recommendation was adopted.

ELECTRICAL ENGINEERING SOCIETY LOAN FUND

(6) The Electrical Engineering Society of the University, an organization of students, wishes to establish a student loan fund with the money it has made on the electrical shows of the past several years. The fund is to be known as "The Electrical Engineering Society Loan Fund," and is to be administered under the general University regulations providing loan funds in addition to the following special restrictions:

1. The name of the fund shall be "The E. E. Society Loan Fund."
2. Loans may be made only to students in good standing in the Department of Electrical Engineering.
3. Until the amount of the fund is over five thousand dollars (\$5,000), loans may be made only to juniors and seniors. After this limit is reached, sophomores may receive loans.
4. Not more than one-fourth of the total amount of the fund may be loaned in any one of the first three years of the existence of the fund.
5. One student shall not be loaned more than ten per cent of the total fund, and in no case shall the total loaned to one student exceed the limit set by the "General Regulations for Student Loan Funds" of the University.

On motion of Mr. Trees, this gift was accepted under the conditions named.

**APPOINTMENT OF DR. SOL LITT AS INSTRUCTOR IN
OBSTETRICS AND GYNECOLOGY ON SALARY**

(7) I recommend that Dr. Sol Litt of the Clinical Faculty be appointed Instructor in Obstetrics and Gynecology, on one-half time, for one year beginning September 1, 1928, at a cash compensation of \$1,000.

On motion of Mr. Trees, this appointment was made.
The Executive Committee adjourned.

SECOND SESSION, OCTOBER 13, 1928

When the Board convened on October 13, 1928, after the recess, the following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President David Kinley was present; also Professor J. M. White and Professor Lloyd Morey.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of September 20, 1928. On motion of Mr. Trees, the minutes were approved as printed on pages 1 to 42 above.

LETTER FROM DR. HERMAN M. ADLER

The Secretary read a letter from Dr. H. M. Adler declining his appointment.

On motion of Mr. Trees, the President of the University was requested to acknowledge receipt of Dr. Adler's letter and to extend him an invitation to appear at the next meeting of the Board, with such other persons as he may wish to introduce.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

APPROPRIATION FOR OBJECTS OF ART

(1) I recommend that \$5,000 be appropriated from the Reserve and Contingent Fund for the purchase of objects of art.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small, Mr. Ward.

APPROPRIATION FOR SCHOOL OF MUSIC

(2) At the request of Director Stiven, I recommend that an appropriation of \$450 be made from the Reserve and Contingent Fund to the School of Music to provide for the salaries of additional, temporary, part-time teachers, who need to be employed on account of the heavy registration in the band and orchestral instrument department.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small, Mr. Ward.

NEEDS OF CHICAGO DEPARTMENTS

(3) A request that Dean Davis, Dean Noyes, and other members of the staff of the Colleges of Medicine and Dentistry be heard on the building needs of the colleges.

This hearing was granted. Dean Davis introduced Dr. Hedblom, Dr. Petersen, Dr. Singer, Dr. Welker, Dr. Hess, and Dr. Humiston; and Dean Noyes introduced Dr. Gallie and Dr. Dittmar, all of whom made statements.

BOOTH ST. LOUIS COLD STORAGE BONDS

Mr. Trees, for the Finance Committee, presented the following recommendation:

On information from the President of the University that there is some likelihood that an opportunity will be offered the University to sell the Booth St. Louis Cold Storage Bonds it holds at par, or better, the Finance Committee recommends that the Comptroller and Treasurer be authorized to sell these bonds at par or better when an offer to purchase them at the price indicated is received.

On motion of Mr. Trees, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small, Mr. Ward.

STATEMENT OF PRESIDENT OF THE UNIVERSITY CONCERNING APPROPRIATIONS FOR THE BIENNIUM 1929-31

(4) In making up the budget of the University your Board has consistently followed the sound policy of deciding on the amount to be asked for, from two points of view. The first is, what is the minimum amount necessary to conduct the operations of the institution efficiently, allowing for necessary increase in attendance and necessary improvements? The second question is, what is the amount that the public can reasonably be expected, through the Legislature, to afford in view of other public needs and general economic conditions? The problem is to bring the answers to these two questions together. A third amount is usually indicated by summing up the amounts requested by different divisions or departments of the institution and this is usually, if not always, much in excess both of what can be reasonably expected and what is necessary for operation under existing conditions and proper expansion in the biennial period.

There is no limit to what an institution, like the University, may properly undertake to do in research and education, excepting the limitation of expense. The limitation makes it impossible to gratify the ambitions and wishes of heads of departments and other officers who very properly are thinking mainly of their own work. It must be constantly kept in mind that the officers of the University are spending the people's money. In other words, we are bound to guard the public purse as well as bound to do what is necessary for the best welfare of the University.

Following my practice in approaching the make-up of my recommendations concerning our legislative budget, I have asked the deans to consult with their department heads and to submit to me their conclusions as to the additional amounts which, in their opinions, should be requested for operation and for buildings in the next biennial period. While some of the information supplied is a bit indefinite, the best summation that I can make of the increased amounts requested for operation aggregates about \$760,000 for the biennium. This is more, in my opinion, than is necessary for our needs though that amount and more could be well utilized in desirable new work.

In the matter of buildings, as usual, a great volume of requests has been put up. There are many service buildings which the University still needs, or will shortly need, the aggregate cost of which far exceeds any amount that the University could properly ask for, or would be likely to get, in a single biennium. I listed twenty-one such buildings in 1924. Of these, seven have been erected, or are in process of erection, either in whole or in part. The others on the list, together with new proposals, with estimates suggested to me, are as follows:

Completion of Men's Gymnasium.....	\$225,000
Administration Building.....	350,000
A Museum.....	500,000
Shop Laboratories.....	250,000
Mining Laboratory Addition.....	150,000
Addition to complete the Auditorium.....	50,000
Addition to complete Music Building.....	200,000
Addition to complete the Vivarium.....	10,000
Service Buildings for Agriculture.....	200,000
Boiler House Addition.....	170,000
Deep Well and Filtration Plant.....	80,000
Chemistry Building Annex.....	500,000
Chemistry Building for Industrial Chemistry.....	65,000
Auditorium for Education Building.....	25,000
Electrical Engineering Laboratory.....	500,000
Changes in other Engineering Laboratories.....	40,000
Agricultural Laboratory Unit.....	500,000
Home Economics Building.....	500,000
Animal Husbandry Abattoir.....	25,000
Animal Husbandry Storage House.....	75,000
Agronomy Seed House.....	40,000
Gymnasium for Women.....	400,000
Journalism Building.....	250,000
Medical and Dental Buildings.....	1,500,000
<i>Total.....</i>	<u>\$6,611,000</u>

In addition to the above, as you are aware, you have discussed somewhat the advisability of asking for an appropriation for dormitories for men. If such a policy should be decided on for the coming biennium, it would not be worth while, I think, to begin with a request for less than a million dollars. West Residence Hall for Women cost \$325,000 and houses 150. In my opinion, a dormitory for men could not be constructed on the plan of this building for women and would be more expensive per capita. A million dollar building would probably house from 300 to 400.

Still further, some people are of the opinion that we need a Fine Arts Building, a campanile, and a building to replace University Hall. The latter alone would cost \$1,000,000.

The aggregate amount necessary to erect these buildings—and these are not all that are suggested—would exceed \$8,000,000, an amount which, as I have already remarked, exceeds what we could get if we asked for it and what we should ask for if we could get it. For the appropriation of such an amount in a single biennium would mean a far heavier burden of taxation for our purposes, than, in my judgment, we would have any moral right to propose. However, it is possible to group these various proposed buildings according to the intensity of our immediate need for them. We must try to supply what we may call our “bread and butter needs” first. By these words, I mean the buildings without which the work of the University cannot be efficiently carried on. We are bound to ask for those and leave it to the judgment of the Legislature whether it can furnish sufficient money to erect them.

It is my opinion that the University should aim at a stabilized, approximately permanent budget. We cannot go on adding new buildings and new work indefinitely. There must be a “supply” of operating means, including staff and material equipment, which may be called sufficient to satisfy the normal “demand” for teaching and research. This should continue from year to year expanding under ordinary conditions and only to care for increasing numbers and to take over occasional important new problems of research.

Our budget needs are to be determined not by the gross annual enrollment of the University but by the peak load of enrollment. This comes in the first semester of each year. If we have sufficient means to care for this number of students in one semester, we can care for the same number in the second semester, and possibly also in the Summer Session; but the enrollment in the second semester seldom equals that of the first semester, and that of the Summer Session, of course, never does. While our gross enrollment for the year has run up to 14,000 or more, the peak load enrollment is 2,000 or more less than that, and shows an annual increase of about 425. However, there have been years when this annual addition was much exceeded. For example, in 1923 the addition was nearly 1,000, and in 1919, under immediate post-war conditions, it was nearly 2,500. I am speaking of peak load figures only. The number of graduates from four-year Illinois high schools has increased between 1925 and 1927 by more than 4,000. But the number for 1927 was approximately the same as that for 1926. We get about nine or ten per cent of the graduates of the four-year Illinois high schools from year to year. The probability is that there will not be a great increase in the next three or four years over that of the past five.

After considering all the proposals in consultation with Comptroller Morey and Professor White, I have come to the conclusion that the most pressing buildings needs are for the Chicago Departments of Medicine and Dentistry, for an annex to the Chemical Laboratory, for a Gymnasium for Women, and the necessary addition to the Physical Plant. Professor White, after frequent conferences with the Chicago Deans concerned, has reached the conclusion that to furnish a complete building and equipment for Medicine and Dentistry, in accordance with modern needs and standards, would require \$3,000,000 or more; but that certain divisions or units of the buildings can be put up as we have erected our new Library Building, these divisions or units being determined by the departments of work which can be transferred from the present old buildings to a new building without impairing the unity of the work of the colleges. He advises me, therefore, that \$1,500,000 should be the amount asked for, because that amount will furnish building facilities sufficient to care for the laboratory, classroom, and office work of divisions which can thus be set apart. They are probably anatomy, chemistry, physiology, and pharmacology.

That the College of Medicine particularly needs more facilities is shown, apart from all other considerations, by the fact that for five or six years now we have been unable to admit all applicants who could meet the requirements for admission. Year by year, we have had to turn away from 50 to 100 students capable of being admitted. This year the number was 159. The need for increased facilities is very evident. Our Dental Building has been described, I am informed, as the worst building used by any college of dentistry in the country. It should be remembered that there is a mortgage on this building

of \$60,000, due in 1932. I am advised that the land alone on which the building stands is doubtless worth that amount.

Our Chemical Laboratory is crowded to overflowing, and we shall need relief within the next two years. An annex can be erected south of the present building.

The need for the addition to the physical plant is so obvious as to require little comment. We cannot operate without heat and light, and our present equipment is taxed to the limit. The University water varies in color from the ordinary color of water to red and inky black from the vegetable and other materials in it. To make it palatable and to make it more usable for sundry scientific and engineering purposes, it needs to be filtered. Moreover, we need an additional well, both for fire protection and a larger water supply.

For years the College of Agriculture has been asking for the completion of the cattle feeding plant and an Agronomy Seed House. These are estimated at \$75,000 and \$40,000 respectively.

A Woman's Gymnasium has become a pressing need. The Woman's Building is overcrowded, and the young women do not have opportunities for physical education and the upbuilding of their physical condition equal to those of the young men. This work should be taken out of the Woman's Building and put in a new building over in the vicinity of the Residence Halls and the Woman's Athletic Field.

If the above are, as I think they are, our most pressing needs, the amount required to supply them will be \$1,000,000 out of our \$10,500,000 appropriated, and a supplementary emergency appropriation of \$1,500,000 will be necessary for the buildings proposed for the Chicago Departments.

While I am not much impressed with requests for new buildings in order to have more attractive quarters or because other universities have such and such buildings, we cannot ignore altogether comparison with other institutions in this respect, for the reason that the facilities offered students determine whether students will come and also are part of the basis of rating the work of the institution. It is proper, therefore, to give some consideration to the facilities provided by other institutions.

Considered from this point of view, great as our progress has been, it has been much less than that of several of our sister state institutions. This is particularly true if we include the gifts and appropriations for these institutions. For example, during the past six or seven years the University of Michigan has received as gifts \$2,647,850 for buildings and other capital purposes, while at the same time the Legislature has appropriated \$11,750,000. This does not include the appropriations to the Michigan Agricultural College which must be added in order to make a proper comparison with our appropriations for buildings and capital purposes. These appropriations since 1921 have aggregated \$3,664,250, making the total appropriations and gifts for the work in agriculture and the rest of the University in Michigan \$18,062,100 as against appropriations of \$7,500,000 and gifts of \$1,805,000 for Illinois, or a total of \$9,305,000.

In the same period the University of Minnesota has had \$8,824,371. Iowa University and Iowa State College, the College of Agriculture, together have had \$7,454,576 in appropriations and \$2,318,000 in gifts, a total of \$9,772,576. California might also be cited as well as several of the endowed universities.

On deciding on the amount which it seems well to ask for our Medical and Dental Buildings, we are bound to take into consideration what other states and other universities are doing in these lines. Moreover, it would be worse than useless to appropriate money for these purposes unless the amount were adequate to give us an equipment first-class in character. The State of Illinois cannot afford to do these things on a scale so small that the provisions would be unproductive of results of the first importance. The State of Iowa, three or four years ago, appropriated, as I recall, about \$2,500,000 to supplement a gift of that amount for the erection of medical buildings, making a total of over \$5,000,000. Northwestern University has erected new medical buildings at an aggregate cost, including the land, of \$5,900,000. The University of Chicago is erecting a new medical plant and hospital at a total cost exceeding \$5,000,000; Minnesota has expended \$2,670,000 and has in addition the facilities of four great hospitals. Michigan has spent at least \$4,500,000.

Our waiting list of from 60 to 100 or more students a year in Medicine points to the necessity of adding to our plant, even at the cost of replacing our present structures with modern buildings and equipment. The amount proposed, \$1,500,000, will provide about half of the buildings necessary to take care of our medical and dental work in a way that will be up to date. In order to be efficient, they must be in close proximity to the hospitals. Therefore, they should be located on the ground available in the old ball park in which the Educational and Research Hospitals stand. If necessary, a provision should be included in the bill erecting them there, although hitherto the Department of Public Welfare has kindly consented to the erection of our Research Laboratory and Library and our Clinical Buildings on these grounds. Therefore I assume that there will be no objection to the erection of these other buildings.

For operation, especially for salaries and equipment, I do not believe that it is necessary to ask for as much as the various college officers have suggested. The amounts asked for range all the way from a few thousand dollars to \$87,000 per year.

In 1921 when your Board first requested the Legislature for an appropriation of \$10,500,000 per biennium, the opinion was expressed that if that amount were granted for each biennial period, it would not be necessary to add to it through a period of four or perhaps five biennial periods. The total amount was lessened in 1921 by the excision of \$1,640,000. If that amount had not been cut out, so that we could have had the full \$10,500,000 beginning in 1921 for each two-year period, we would not now have to ask for the \$1,500,000 necessary for the new Medical and Dental Buildings. In other words, our plan of progress on the building side is short in a degree equivalent to what the amount cut out of our bill in 1921 would have supplied. If the Legislature will now restore \$1,500,000 of the \$1,640,000 which was cut out in 1921, as an addition to our regular appropriation of \$10,500,000, we shall be able to erect these new buildings in Chicago, without checking the progress of the departments at Urbana.

The lapse of years has made the restoration of the sum mentioned more necessary because of the increasing need of the Chicago Departments. We must either continue to turn away students and continue for an indefinite period to do our work in medicine and dentistry with inferior equipment and be forced to a second-class rating in those lines of work, or else we must now have restored to our budget substantially the amount lost from it in 1921.

Since we began operating on our present budget system appropriations have been made to the University, under the influence of outside parties, for two special purposes. These are the maintenance of an Experiment Station in Cook County and the establishment of a School of Journalism. The appropriation for each has been \$15,000 per year. The latter was intended to supplement what the University already was expending on this work in the Department of English and was not intended, or expected, to meet the whole expense. The former amount was an addition for a separate purpose and not a supplementary appropriation. We should not include the former amount in our ordinary budget as the Experiment Station is a developing proposition. It is my opinion that its interests require that it continue to be a separate item. Otherwise, pressure of other interests in agriculture might reduce the amount available for the Experiment Station.

The best estimate I can make leads me to the conclusion that we can safely follow the plan we have adhered to since 1921, namely, to transfer \$500,000 from the building appropriation of last time, add to the sum for operation the \$30,000 which the Legislature at the last session added of its own accord for the School of Journalism, making the total asked for operation \$9,530,000 aside from the appropriation for the Cook County Experiment Station, which should continue a separate appropriation and for which the proper Representative or Senator should still introduce a separate bill.

Having settled on what I think is the total amount needed for operation, I requested the Comptroller, with whom, as well as with Professor White and

the deans, I have conferred on this matter at various stages, to distribute the total among the items prescribed by the State budget law in such proportions as our needs seem to demand.

In view of all these considerations, I submit the following as the budget which, it seems to me, may well be adopted by the Board, sent in proper form to the Department of Finance, and recommended to the Legislature:

*SUGGESTED UNIVERSITY BUDGET FOR 1929-31
For Operation*

	<i>Per Year</i>	
	<i>Present</i>	<i>Proposed</i>
Salaries and Wages.....	\$3 275 000	\$3 515 000
Travel.....	40 000	35 000
Office expense, including printing and publications....	140 000	150 000
Operation.....	465 000	485 000
Repairs.....	160 000	160 000
Equipment.....	290 000	290 000
Improvements other than new buildings.....	130 000	130 000
Journalism.....	15 000	
<i>Total, per year.....</i>	<i>\$4 515 000</i>	<i>\$4 765 000</i>
<i>Total for biennium.....</i>	<i>9 030 000</i>	<i>9 530 000</i>

For Buildings

For additions to the Boiler House with equipment, new deep well, and Filtration Plant.....		\$250 000
Woman's Gymnasium.....		300 000
Chemistry Annex.....		335 000
Agricultural Buildings.....		115 000
(a) For completion of cattle feeding plant.....	\$75 000	
(b) Agronomy Seed House.....	40 000	
Special appropriation for Medical and Dental Laboratories.....		1 500 000
<i>Total.....</i>		<i>\$2 500 000</i>

I recommend that the above requests be approved as the ones to be submitted to the Department of Finance and to the Legislature for the coming biennium 1929-31, and, unless your Board desires to follow a different procedure this time, that the President be directed to prepare and secure the introduction of a bill for appropriations to the University from the State in accordance therewith and to take charge of the matter from now on.

Action on this matter was deferred. At this point, Mr. Trees withdrew.

PAVING IMPROVEMENTS

Mr. Barr presented the following report:

A meeting of the Committee on Buildings and Grounds was held in Chicago on Saturday, October 13, 1928. Present, Mr. George A. Barr, Chairman; Mrs. Grigsby, and Dr. Noble.

On motion of Dr. Noble, the Committee voted to recommend that the improvement of Springfield Avenue and University Avenue be urged, and that the University express to the cities of Urbana and Champaign its willingness to bear its part of the expense.

H. E. CUNNINGHAM, *Clerk*

GEORGE A. BARR
HELEN M. GRIGSBY
W. L. NOBLE

On motion of Dr. Noble, this recommendation was adopted.

LEAVE OF ABSENCE FOR PROFESSOR REXFORD NEWCOMB

(5) I recommend that leave of absence on full salary for the second semester of this academic year, be granted Professor Rexford Newcomb under the rules of the Board.

On motion of Mrs. Evans, this leave was granted.

CHANGE IN STATUS OF PROFESSOR E. W. LEHMANN

(6) Dean Mumford recommends that the status of Professor E. W. Lehmann, Head of the Department of Farm Mechanics, who was given a sabbatical leave of absence under the rules for a year, beginning September 1, 1928 (Minutes, April 12, 1928, page 585, and May 23, 1928, page 605), be changed to leave of absence without pay for the first semester of the academic year.

I concur in this recommendation.

On motion of Dr. Noble, this recommendation was adopted.

APPROPRIATION FOR REPRINTS OF MONOGRAPH ON THE COLLEGE OF MEDICINE

(7) At the request of Dean Davis, I recommend that an appropriation of \$700 be made from the Reserve and Contingent Fund to purchase 5,000 reprints of an article on the University College of Medicine to be published soon by the Rockefeller foundation.

On motion of Dr. Noble, this appropriation was made by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble; no, none; absent, Mr. Blair, Mrs. Ickes, Mr. Small, Mr. Trees, Mr. Ward.

CHANGE IN SOUTH PORCH OF UNIVERSITY HALL

(8) Professor White reports that the south porch of University Hall is unsightly and expensive to maintain, as well as being objectionable in slippery weather. He wants to make a grade entrance and put the stairs inside. I recommend that this matter be approved.

On motion of Dr. Noble, this recommendation was approved.

OFFER OF TENNESSEE PRODUCTS CORPORATION

(9) The Tennessee Products Corporation of Nashville, Tennessee, has offered the University \$1,000 to establish a research assistantship in the field of organic synthesis of compounds derived from carbon monoxide and hydrogen and other compounds of similar character. This is along the lines of the high-pressure gas research started a year and a half ago.

On recommendation of Dean Daniels and Professor Adams, I recommend that this offer be accepted.

On motion of Dr. Noble, this offer was accepted.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(10) The following report from the Comptroller of contracts and purchase orders executed since the last report was made:

**CONTRACTS EXECUTED BY THE COMPTROLLER
SEPTEMBER 18, 1928, TO OCTOBER 8, 1928**

Miscellaneous contracts executed under general regulations:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Illinois State Board for Vocational Education	Regular Fees	September 17, 1928	Regular Instruction in College of Liberal Arts and Sciences to be rendered to Mr. I. H. Johnson for one year beginning September 17, 1928
King and Petry	\$4 125	September 19, 1928	Sidewalks on Sixth Street and Gregory Drive

**PURCHASE ORDERS ISSUED IN SEPTEMBER
AMOUNTING TO \$1000 OR MORE**

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
McKinley Hospital	Model Laundry Company	Laundry for Year 1928-29	\$2500 00	Quoted
Physical Plant	Field and Shorb	Fittings	1750 00	Competitive
Military Band	De Moulin Bros. and Company	Band Uniforms ¹	1425 00	Quoted
Supervising Architect	Schmidt, Garden & Erikson	Services of Architect— Materials Testing Laboratory	1000 00	Arranged by Supervising Architect
Military Band	De Moulin Bros. and Company	Band Uniforms ¹	1802 25	Quoted
Animal Husbandry	Harschberger's Elevator Co.	Shelled Corn	1275 00	Quoted

¹To be paid for by individual members of Band.

H. M. EDWARDS,
Purchasing Agent

This report was received for record.

COMPTROLLER'S REPORT

(11) The report of the Comptroller for the quarter ending September 30, 1928.

**QUARTERLY REPORT OF THE COMPTROLLER
TO THE BOARD OF TRUSTEES
QUARTER ENDING SEPTEMBER 30, 1928**

SUMMARY

Reserve and Contingent Fund

The unappropriated balance of the Reserve and Contingent Fund (estimated excess of income of the year over appropriations) at the close of the quarter was \$215,605, as per Schedule A. The balance at the corresponding date a year ago was \$368,378.

Budget Income

Realization of the budget income for the quarter as per Schedule B was as follows:

	<i>Estimate For Year</i>	<i>Per Cent of Year's Estimate Realized</i>	
		<i>This Year</i>	<i>Same Date Last Year</i>
State Appropriations for Operation (per cent realized represents portion expended to September 30, 1928).....	\$4 500 000	25.1	22.7
Federal Funds.....	438 075	47.0	49.7
Student Fees.....	850 000	41.3	41.3
Agricultural Sales			
Credited to Revolving Accounts.....	124 860	23.0	19.5
Credited to Agricultural Income.....	131 700	24.1	22.4
Miscellaneous Sales and Receipts.....	90 000	21.3	22.0

Treasurer's Balance

The balance in all funds in the hands of the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$1,268,570, Schedule D. On the corresponding date a year ago, the balance was \$1,116,847.

Budget Expenditures

Board appropriations to departments for the current fiscal year total \$5,961,481, including salaries \$3,921,228, expense and equipment \$2,040,253. These were 19.5% expended at the end of the quarter, and 2.4% encumbered. (Included in Schedule C). On the corresponding date a year ago these appropriations were 18.9% expended and 3.1% encumbered.

Building and Improvement Funds

Endowment funds from private gifts for special purposes (see Schedule D) are distributed as follows:

Professorial and Lectureship Endowments.....	\$119 686
Student Loan Endowments.....	170 999
(Of which \$125,742 was outstanding in student notes at the end of the quarter.)	
Scholarship and Prize Endowments.....	84 486
Other Endowments.....	91 431
<i>Total</i>	<u>\$466 602</u>

Indebtedness on Property

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totalling \$60,000 on the Dental Building in Chicago, due in 1932. Of this amount \$7,600 is held in the Treasury of the University (Schedule D).

Residence Halls

A summary of the operations in the residence halls for the year to September 12, 1928, is shown as Appendix I. The balance in the residence halls fund at the end of the quarter was \$102,477, and in the Davenport House \$8,641.

Stadium Fund

An Appendix is included giving the report of the Memorial Stadium Fund, of which the Board of Trustees is custodian. (See Appendix II).

LLOYD MOREY
Comptroller

SCHEDULE A
STATEMENT OF RESERVE AND CONTINGENT FUND
QUARTER ENDING SEPTEMBER 30, 1928

Balance forward June 30, 1928.....		\$ 375 548 52	
<i>Add:</i>			
Budget Income 1928-29 (Board Minutes, June 29, 1928, page 669).....	\$6 046 084 90		
Entry of Portion of Biennium State Appropriation for Buildings Available for 1928-29 Expenditure.....	307 886 98		
Estimated Additional Income from Agricultural Sales (See Board Minutes, September 20, 1928).....	15 000 00		
Lapsed 1927-28 balances (carried forward to cover encumbrances but not required).....	<u>114 05</u>	<u>6 369 085 93</u>	
<i>Total Credits</i>			\$6 744 634 45
<i>Deduct:</i>			
Budget Appropriations 1928-29 (Board Minutes, June 29, 1928, page 670).....		\$5 953 482 59	
Entry of Balance of Biennium State Appropriation for Buildings (see contra above).....		307 886 98	
Special 1928-29 Appropriations (Board Minutes, June 29, 1928, page 738).....		120 800 00	
Appropriations made by Board of Trustees in Meeting September 20, 1928			
Death Benefits (Hayes, Crouch).....	\$ 3 128 00		
Injuries to Employees (Mitchell).....	1 815 00		
Nutrition Investigation.....	5 000 00		
Beef Cattle Station.....	15 000 00		
Honorarium for Dean Daniels.....	1 000 00		
Graduate Research in Illinium.....	5 000 00		
College of Medicine Special Equipment.....	10 000 00		
College of Agriculture Special Equipment.....	20 000 00		
College of Engineering Special Equipment.....	20 000 00		
Bureau of Business Research—Special.....	8 750 00		
Horticulture Greenhouses.....	27 000 00		
Paving Assessments.....	20 000 00		
Tile Roofs on Dairy Barns.....	<u>7 000 00</u>	<u>143 693 00</u>	
Adjustments in Salary Budget			
Animal Husbandry.....	300 00		
English.....	400 00		
Romance Languages.....	200 00		
School of Journalism.....	800 00		
College of Law.....	750 00		
Supervision and High School Instruction.....	<u>50 00</u>	<u>2 500 00</u>	
Adjustments in Expense Budget			
Physical Plant Retiring Allowances.....		5 12	
Assignments to cover 1927-28			
Encumbrances (balances lapsed in error).....		<u>661 51</u>	
<i>Total Charges</i>			\$6 529 029 20
Balance, September 30, 1928 (See Schedule D).....			<u>\$ 215 605 25</u>

SCHEDULE B
REALIZATION OF INCOME FOR OPERATIONS
1928-29 TO SEPTEMBER 30, 1928

	Budget Estimate	Realized to Date	Unrealized Balance (See Sch. D)
<i>State Funds</i>			
From Mill Tax.....	\$2 625 000 00	\$ 802 837 39	\$1 822 162 61
From General Revenue.....	1 875 000 00	329 632 82	1 545 367 18
<i>Total, State.....</i>	(4 500 000 00)	(1 132 470 21)	(3 367 529 79)
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund.....	239 624 24	119 812 17	119 812 07
Hatch-Adams Funds.....	30 000 00	7 500 00	22 500 00
Purnell Fund.....	50 000 00	12 500 00	37 500 00
Capper-Ketchum Fund.....	20 000 00		20 000 00
From State Treasurer			
Interest on Endowment Fund.....	32 450 66	16 225 33	16 225 33
Morrill-Nelson Funds.....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes).....	16 000 00		16 000 00
<i>Total, Federal.....</i>	(438 074 90)	(206 037 50)	(232 037 40)
<i>Student Fees.....</i>	850 000 00	351 768 46	498 231 54
<i>Sales</i>			
Credited to Departments			
Agriculture.....	124 860 00	28 774 70	96 085 30 ²
Other Departments.....		814 72	814 72 ^{1,2}
Credited to Estimated Agricultural Sales.....	131 700 00	31 844 75	99 855 25
Credited to General Income.....	90 000 00	19 201 71	70 798 29
Credited to Estimated Income from Creamery Surplus.....	14 310 00		14 310 00 ²
<i>Total, Sales, etc.....</i>	(360 870 00)	(80 635 88)	(280 234 12)
<i>McKinley Endowment.....</i>	7 000 00		7 000 00
<i>Grand Total.....</i>	\$6 155 944 90	\$1 770 912 05	\$4 385 032 85

*Deduct.

¹No budget estimate set up.²Credited direct to revolving accounts, not carried as separate items on Balance Sheet.³Amount realized to September 30, 1928, \$6,354.30; to be transferred June 30, 1929.

SCHEDULE C
SUMMARY OF APPROPRIATIONS
AS AT SEPTEMBER 30, 1928

	Total Credits	Disbursements	Encum- brances	Free Balance
Administration and General.....	\$ 402 336 55	\$ 82 839 47	\$ 12 831 22	\$ 306 665 86
Library.....	221 229 07	52 227 78	24 763 69	144 337 60
<i>Agriculture</i>				
University Appropriation.....	1 061 045 91	279 477 56	37 481 46	744 086 89
Smith-Lever.....	264 533 15	59 912 85	2 354 49	211 265 81
Liberal Arts and Sciences.....	1 124 354 29	208 286 57	7 305 56	908 762 16
Engineering.....	696 968 02	142 341 72	12 381 22	542 245 08
Graduate School.....	81 170 94	12 796 71	4 118 00	64 255 33
Medicine, Dentistry, and Pharmacy....	774 317 86	170 816 79	25 966 77	577 534 30
Journalism.....	28 250 01	4 036 09	835 06	23 378 86
Law.....	88 826 11	19 108 34	4 903 89	64 813 88
Library School.....	23 786 73	4 554 30	254 00	18 978 43
Military.....	21 544 16	1 948 94	140 73	19 454 49
Music.....	56 646 50	14 933 33	607 03	41 105 34
Summer Session 1928.....	39 035 82	38 515 35		520 47
Summer Session 1929.....	80 000 00			80 000 00
Education.....	188 412 71	32 351 52	2 503 75	153 557 44
Commerce.....	222 177 18	43 023 87	1 839 75	177 313 56
Physical Welfare.....	125 209 97	24 895 35	5 866 13	94 448 49
Physical Plant Operation and Maintenance.....	651 231 87	141 826 77		509 405 10
<i>Sub-total.....</i>	\$6 151 075 95	\$1 324 893 51	\$144 153 35	\$4 682 029 09
<i>Land, Buildings, and Improvements</i>				
Special State Building Appropriations	1 175 482 11	200 331 35	714 537 73	260 613 03
Other Appropriations.....	332 493 89	64 793 90	110 331 83	157 368 16
<i>Grand Total.....</i>	\$7 659 051 95	\$1 590 018 76	\$669 022 91	\$5 100 010 28

SCHEDULE D
BALANCE SHEET AS AT SEPTEMBER 30, 1928
ASSETS

I. General and Building Funds			
Cash in hands of University Treasurer.....		\$1 078 632 34	
Petty Cash Funds.....		30 600 00	
Balance in State Appropriations			
For Operation.....	\$3 367 529 79		
For Buildings.....	974 022 45		
For Special Purposes.....	<u>17 725 37</u>	4 359 277 61	
Stores and Service Departments.....		189 973 03	
Loan to McKinley Hospital (Trust Fund)...		14 450 00	
Accounts Receivable.....		27 981 97	
Estimated Income from: (Sch. B)			
Smith-Lever, Hatch-Adams, Purnell, and Capper-Ketchum United States Appropriations.....	199 812 07		
Interest on Endowment Fund from Land Grant of 1862.....	16 225 33		
State Board of Vocational Education (Smith-Hughes).....	16 000 00		
Fees.....	498 231 54		
Agricultural Sales.....	99 855 25		
Creamery Surplus.....	14 310 00		
Trust Endowments.....	7 000 00		
Miscellaneous.....	<u>70 798 29</u>	922 232 48	\$6 623 147 43
II. Trust Funds			
Cash.....		189 937 19	
Notes Receivable.....		135 741 61	
Investments			
Savings Account.....	12 135 18		
Stock and Bonds.....	249 250 96		
Land.....	<u>57 950 00</u>	319 336 14	635 014 94
III. Endowment Fund			
Endowment Fund (in hands of State Auditor) from Land Grant of 1862.....			649 012 91
IV. Plant and Property			
Plant and Property (July 1, 1928).....		<u>22 226 540 48</u>	
Total Assets			\$30 133 715 76

LIABILITIES AND SURPLUS

I. General and Building Funds			
Appropriation Balances (Sch. C)			
Encumbered.....	\$ 969 022 91		
Unencumbered.....	<u>5 100 010 28</u>	\$6 069 033 19	
Reserve for Extension			
Petty Cash Funds.....		1 200 00	
Reserve for Stores.....		122 360 64	
Reserve for Loan to Trust Fund.....		14 450 00	
Residence Hall and Hospital Balances.....		187 931 14	
Unappropriated Agricultural Income.....		12 567 21	
Unappropriated Income (Reserve and Contingent Fund) (Sch. A).....		<u>215 605 25</u>	\$ 6 623 147 43
II. Reserve for Trust Funds			
Loan from General Funds.....	14 450 00		
Endowment Funds.....	<u>452 152 48</u>	466 602 48	
Expendable Funds.....		<u>168 412 46</u>	635 014 94
III. Reserve for Endowment Fund			
			649 012 91
IV. Bonds and Surplus			
Dental Property Bonds.....	60 000 00		
Less: Treasury Bonds.....	<u>7 600 00</u>	52 400 00	
Surplus Invested in Fixed Assets.....		<u>22 174 140 48</u>	<u>22 226 540 48</u>
Total Liabilities and Surplus			\$30 133 715 76

APPENDIX I
RESIDENCE HALLS SUMMARY OF OPERATIONS
1928-29 TO SEPTEMBER 12, 1928

	<i>Woman's Residence Halls</i>	<i>Davenport House</i>	<i>Total</i>
Summer Session Surplus	\$ 1 638 93		\$ 1 638 93
<i>Total Surplus from Operations 1928-29 to September 12, 1928</i>	1 638 93		1 638 93
<i>Deduct:</i>			
Extraordinary Repairs, Equipment, Remodeling and June 15-September 15, 1928, Miscellaneous Expense	14 047 34	1 262 46	15 309 80
Unused 1928-29 Surplus from Operations	12 408 41*	1 262 46*	13 670 87*
<i>Add:</i>			
Balance forward June 15, 1928	114 886 01	9 904 07	124 790 08
<i>Surplus as at September 12, 1928</i>	\$102 477 60	\$8 641 61	\$111 119 21
*Deficit—deduct.			

APPENDIX II
STATEMENT OF MEMORIAL STADIUM FUND
AS AT SEPTEMBER 30, 1928
RECEIPTS AND DISBURSEMENTS

	<i>Prior to July 1, 1928</i>	<i>July 1, 1928, to September 30, 1928</i>	<i>Total to Date</i>
<i>Receipts</i>			
From Subscriptions	\$1 663 030 45	\$4 535 90	\$1 667 566 35
From Donations	5 008 12	13 80	5 021 92
From Interest	26 451 49	313 90	26 765 39
From Loans	44 000 00	2 000 00*	42 000 00
<i>Total Receipts</i>	\$1 738 490 06	\$2 863 60	\$1 741 353 66
<i>Disbursements</i>			
Office Collection Expense		575 57 ¹	575 57 ¹
Construction	1 735 635 78		1 735 635 78
<i>Total Disbursements</i>	\$1 735 635 78	\$ 575 57	\$1 736 211 35
Cash Balance			\$ 5 142 31

BALANCE SHEET

<i>Assets</i>			
Cash		\$5 142 31	
Due from Pledge Instalments			
Past Due Instalments	\$ 487 805 04		
Future Instalments	4 889 00	492 694 04	
Due from Athletic Association for Office Expense		575 57	
<i>Total Assets</i>			\$ 498 411 92
<i>Liabilities and Surplus</i>			
Notes Payable			42 000 00
<i>Excess of Assets (including Unpaid Pledges) over Liabilities</i>			\$ 456 411 92
*Deduction due to repayment loan.			
¹ To be refunded by Athletic Association.			

This report was received for record.

COOPERATIVE INVESTIGATION OF ELIMINATION OF STRETCHING
OF LEAD SHEATHS OF HIGH-VOLTAGE CABLES

(12) I report approval, on recommendation of the Dean of the College of Engineering, of an agreement with the Utilities Research Commission for a cooperative investigation of methods of eliminating the stretching of lead sheaths of high-voltage cables. The Commission agrees to pay the University the sum of \$2,400 to cover the expenses of this investigation, and the agreement has been drawn up for the period of one year beginning October 1, 1928. The agreement is of the form and character hitherto authorized by the Board for similar investigations.

This report was received for record.

APPROPRIATION FOR ALUMNI NEWS

Mr. Barr presented the following report.

The Committee on Alumni held a meeting in Chicago on Saturday, October 13, 1928. Present, Mr. George A. Barr and Mrs. Busey.

On motion of Mr. Barr the Committee voted to recommend that an appropriation of \$3,000 be made toward the expense of changing the *Alumni News* from a monthly to a weekly publication.

GEORGE A. BARR
MARY E. BUSEY

On motion of Mr. Barr, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby; no, Dr. Noble; absent, Mr. Blair, Mrs. Ickes, Mr. Small, Mr. Trees, Mr. Ward.

OCTOBER DEGREES

The Secretary presented for record the following list of degrees granted in October, 1928.

GRADUATE SCHOOL**Degree of Master of Arts**

In Chemistry

WALLACE WINDUS, A.B., University of Montana, 1925

In Economics

GERALD JACKSON BRIDGES, A.B., DePauw University, 1922

In Education

HENRY JOHNSON ARNOLD, A.B., DePauw University, 1923

HAROLD VERNON BURRUS, B.S., 1925

JOHN HAL CONNOR, A.B., 1921

OKEY WITTER COSTILOV, Ph.B., Denison University, 1924

JOSEPH DOSTAL, A.B., University of South Dakota, 1923

WILBER EUGENE HARNISH, A.B., Lebanon Valley College, 1910

MAE E KELLEY, A.B., 1913

GEORGE NELSON TREMPER, A.B., University of Michigan, 1901

HARRY STANLEY YOUNG, B.S., 1927

In English

EDITH MARY LACKEY, A.B., Oxford College for Women, 1924

CLIFFORD STICKNEY, A.B., 1923

ETHEL STIFF, A.B., 1918

In History

IDA LEE ALDERSON BARGER, A.B., West Virginia University, 1922

EDWARD LOREN MAJOR, A.B., Eureka College, 1927

CLIFFORD TURNER STEWART, B.S., 1927

In Romance Languages

JOHN PROBASCO GAMBLE, A.B., Knox College, 1927

JULIA MARGARET McMILLAN, A.B., 1927

BEULAH HOPE SWIGART, A.B., 1924

In Sociology

DORA BLANCHE McVEY, B.S., 1924

In Zoology

LOUISE ELIZABETH GULICK, A.B., 1927

ARTHUR LORIMER HJORTLAND, A.B., University of North Dakota, 1923

ERNEST CARR McCULLOCH, D.V.M., Kansas State Agricultural College, 1924

Degree of Master of Science

In Accountancy

DANIEL BORTH, JR., B.S., University of Kansas, 1927

In Agronomy

ROBERT LAVERN MATLOCK, B.S., 1924

In Ceramic Engineering

LUTHER DELOS FETTEROLF, B.S., 1926

In Chemistry

WEBSTER WARD BENTON, B.S., Dartmouth College, 1926

JOHN MCCAULEY NICOLL, B.S., Tarkio College, 1925

ROBERTA WHITNAH, B.S., 1921

In Economics

TYLER FRANCIS HAYGOOD, B.S.C., University of Georgia, 1926

ELMER CORNELIUS KOCH, B.S., 1922

In Education

GEORGE FREDERICK COURTNEY, B.S., 1921

WILLIAM LLOYD DAVIES, B.S., 1927

NEIL FORD GARVEY, B.S., 1924

GLENDOLYN PRICE JONES, B.S., Eureka College, 1920

NORMAN R D JONES, B.S., Eureka College, 1922

HERBERT JUDSON RUCKER, B.S., Illinois College, 1911; B.S., 1913

GEORGE THOMAS STAFFORD, B.S., 1926

DAVID ANDERSON TURNIPSEED, B.Ed., Southern Illinois State Normal University, 1926

In Entomology

RICHARD OGLESBY MALCOMSON, B.Ed., Western State Teachers College, 1923

In Zoology

HARRY JACKSON BENNETT, B.S., Louisiana State University, 1926

COLLEGE OF LIBERAL ARTS AND SCIENCES**Degree of Bachelor of Arts**

In Liberal Arts and Sciences

GRACE MINNIE ANDERSON

MARY ALICE COFFEY

JOHN HARRY EBBERT

THOMAS HAROLD ENGLAND

ROBERT ALLEN ERMENTROUT

JOHN JACOB FAISSLER, with Honors in
History

ROBERT EUGENE FISHER

GERALD S HUFF GILL

MARGARET GOLDEN GLENN, with

Honors in French

EARL HARRY GROMER

ALICE LEETA HALE

JOHN ELLIS HEVRON

SIANG CHIEH LEE

ADELINE EMMA HENRIETTA LIERMAN

DOROTHY MARGARET LOCK

ORRIN A LUSTER

VIRGINIA LOVE MACELHERN

WILLIAM JOHN McNUTT

HORACE GILBERT MARSHALL

MARY VIRGINIA MOORE

JULIA LOUISE MORTON

CLARENCE EARL MULLIKEN

CLAUDE CULLOM NEVILLE

HELEN KATHERINE NEWMAN

GRANT FRANKLIN OLSON

JOHN DWIGHT OVERHOLSER

HELEN ELIZABETH PADEN

EUDIS REISBERG

MARVIN WAYNE RICE

LAWRENCE HAINES RYAN

LEYDEN LEWIS SCOTT

SUSIE SIMONSON

STEWART WALLACE SIMPSON

MARIAN JANE THOMAS

LISH WHITSON

DELORIS WILLIAMS

HARRY BERNARD WISSMAN, with High

Honors in Economics

In Home Economics

ALIDA ELEANOR DRAKE

VIOLA LUCY STUDLEY

Degree of Bachelor of Science

In Liberal Arts and Sciences

LELAND CLARE BURROUGHS

In Chemistry

JOHN CARL SCHMIDT

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In General Business

BASIL DOLPH FOWLER
 SPENCER VERNON FULLER
 ALYCE JUNE GILBERTSON
 GEORGE OWEN HURLEY
 WALTER VLADIMIR LESAK
 ROBERT REITSCH

MYRON POTTER ROSE
 CHARLES EDWARD SHULTS, JR.
 ALBERT WALTON WEBB
 VIRGIL ANDERSON WIESE
 HERMAN LEWIS WORTMAN

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

WALTER STANLEY ALBERTSON
 JAMES OTHEL AUSTIN
 ALICE TILTON BEAVER
 VICTOR EDWIN BERGHOLTZ
 ROBERT EDGAR BERRY
 JAMES HARLAN BOSWELL
 GRACE MADELLE BRANDENBERGER
 JOHN GRAHAM BRIMM
 CLARICE IRENE BRODMAN, with Honors
 in Education
 HENRY CHRISTIAN DUTLER
 HOWARD HOOPER EUSTIS
 WALTER DAVID GEHANT
 GEORGE ARTHUR HAGEN
 RAYMOND CONRAD HEIDLOFF
 LORRAINE HINDE
 ZERNY MONROE JACKSON

GLADYS FAITH KEEFER
 THEODORE JOHN KNUTZEN
 ANN CAROLYN LAMBERT
 IRA JENNINGS LAWS
 ARTHUR LEE LEWIS
 GEORGE PRESTON MATHIS
 ROY WILLIAM MAYBERRY
 GERTRUDE ENGEL NOLTING
 JAMES BRUCE OGG
 CHARLES EDMOND PETTY
 HARTLEY D'OXLEY PRICE
 ROY EARN SIMPSON
 FRANK AKIN STANSFIELD
 LEONARD WILLIAM STURDYVIN
 MERVIN OTTO SVENDSEN
 WESLEY CLAYTON WERTZ

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Architecture

ROWLAND RATHBUN

In Architectural Engineering

GEORGE WILLIAM GAUGER

In Ceramics

FRANCIS JOSEPH FALLON

In Civil Engineering

LESLIE CARLYLE MESKIMEN

CHARLES KENNETH MOORE

In Electrical Engineering

FRANCIS JOSEPH CHRISTMAN
 WALTER BERNARD GOULD
 EUGENE PATRICK HALLIGAN

ROBERT LEO KOEHLER
 EDWARD WILLIAM WALDMAN

In Mechanical Engineering

EDWARD BREWER LAKE

In Railway Civil Engineering

YA-TUNG HO

In Railway Electrical Engineering

NORMAN HARCOURT DAVIS, JR.

COLLEGE OF AGRICULTURE**Degree of Bachelor of Science****In Agriculture**

KENNETH WILLIAM CARR

TSING LAI LAU, with Thesis

ERNST HENRY GUMMERSHEIMER

JESSE TAYLOR PALMER

COLLEGE OF LAW**Degree of Bachelor of Laws**

CARTER HENRY HARRISON, B.S., 1926

PERCIVAL EUGENE THOMPSON

LIBRARY SCHOOL**Degree of Bachelor of Science****In Library Science**

DOROTHY FULKERSON BOWER, A.B., Oberlin College, 1927

ALICE ELLEN DALY, A.B., St. Mary-of-the-Woods College, 1927; with Honors

ICKO IBEN, Ph.D., Vereinigte Friedrichs-Universitat, Halle-Wittenberg, 1922

FRIDA LOUISE PLIEFKE, A.B., A.M., University of Minnesota, 1921, 1922; with High Honors

ARTHUR GEORGE RENSTROM, A.B., University of Minnesota, 1928

COLLEGE OF MEDICINE**Certificates in Medicine**

AQUIL MASTRI

HERBERT JOHN WING

CHARLES RAYMOND SUMMERS

JOHN TALBOT GERSON (as of July 23)

ARTHUR STERLING WEBB

COLLEGE OF DENTISTRY**Degree of Doctor of Dental Surgery**

HERMAN N BROWN

ADOLPH RABOFF

GAJANAN VITHAL DESAI

JOHN M TALLENT

MEYER GREENBERG

WILLIAM J TALLENT

HAROLD P MASSER

JOHN J VAN DYKE

DEGREE OF DOCTOR OF MEDICINE

The Secretary presented, also for record, the following list of persons who have qualified for the degree of Doctor of Medicine from July 1 to October 1, 1928.

ALBERT JOSEPH BOWN, B.S., August 2

FLORENCE AMELIA BROWN, B.S., August 15

JAMES CARSWELL, Jr., September 6

NUMA POMPILIUS DUNNE, B.S., July 5

HARRY DAVID ELLIS, September 1

JOHN VIRGIL FISHEL, October 1

CHARLES EMERSON FITZGERALD, B.S., July 3

DOROTHY MIRIAM FRANKLIN, A.B., August 15

JANETTE LOUISE HOLT, October 1

HUBERT SPANGLER HOUSTON, Ph.G., B.S., September 1

EMERY ORVILLE JODAR, B.S., September 1

DONALD VOORHEES JORDAN, August 1

JACOB LOUIS MARKS, B.S., September 1
 BENJAMIN SHAPIRO, B.S., July 12
 GEORGE WILLIAM TARRY, B.S., July 12

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented, also for record, the following list of appointments made by the President of the University:

Adams, Edward L., Student Assistant in the Air Corps Unit, in the Department of Military Science, for ten months beginning September 1, 1928, at a cash compensation of one hundred dollars (\$100). (September 26, 1928)¹

Amberg, Charles, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (September 20, 1928)

Babcock, D. F., Assistant in Chemistry, on one-fourth time, for five months beginning September 1, 1928, at a cash compensation at the rate of thirty-five (\$35) a month. (September 26, 1928)

Badger, Alfred Earl, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (September 20, 1928)

Baize, Dorsie, Stenographer in the Department of Chemistry, for eleven months beginning October 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (October 2, 1928)

Barrett, Frank Newton, Assistant in Poultry Husbandry, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-fourth time, beginning September 15, 1928, and continuing until August 31, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 21, 1928)

Barton, Margaret Mae, Research Assistant in the Department of Business Research, in the College of Commerce, for eleven months beginning October 1, 1928, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (October 2, 1928)

Becker, Henry C., Instructor in Hygiene, in the Department of Pathology and Bacteriology, in the College of Medicine, for four months beginning October 1, 1928, at a cash compensation at the rate of sixty-two dollars fifty cents (\$62.50) a month, this superseding his previous appointment. (October 5, 1928)

Borg, Miriam R., Secretary in the Office of the Dean, in the Department of Administration, in the College of Dentistry, for eleven months beginning October 1, 1928, at a cash compensation at the rate of one hundred thirty-five dollars (\$135) a month. (October 1, 1928)

Bowlin, Barbara L., Reference Assistant in the Library, beginning September 22, 1928, and continuing until August 31, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred sixteen dollars sixty-six cents (\$116.66) a month. (September 21, 1928)

Bredchoft, Nellie M., Reference Assistant in the Library, beginning September 22, 1928, and continuing until August 31, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred forty-one dollars sixty-six cents (\$141.66) a month. (September 21, 1928)

Brown, Frederick W., Assistant in Physics, on one-half time, beginning September 25, 1928, and continuing until June 30, 1929, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 5, 1928)

Byers, George Boyd, Assistant in Farm Organization and Management, in the Agricultural Experiment Station, for eleven months beginning October 1, 1928, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (September 28, 1928)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Cell, John Wesley, Assistant in Mathematics, on one-third time, for five months beginning September 1, 1928, at a cash compensation at the rate of forty dollars (\$40) a month. (September 21, 1928)

Clark, Dorothy, Stenographer in the College of Liberal Arts and Sciences, beginning September 17, 1928, and continuing until August 31, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month. (September 26, 1928)

Culp, Maurice S., Assistant in Political Science, on one-half time, for nine months beginning October 1, 1928, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 2, 1928)

Dawson, H. G., Assistant in Chemistry, on three-fourths time, for four months beginning October 1, 1928, at a cash compensation at the rate of ninety dollars (\$90) a month, and for five months beginning February 1, 1929, on one-half time, at a cash compensation at the rate of sixty dollars (\$60) a month, this superseding his previous appointment. (October 2, 1928)

Dickson, Dorothy, Assistant in Medicine, in the College of Medicine, for eleven months beginning October 1, 1928, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (September 26, 1928)

Duffey, Homer Russell, Special Research Assistant in Chemical Engineering, in the Engineering Experiment Station, on one-half time, beginning October 10, 1928, and continuing until further notice, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 8, 1928)

Ehman, Roy George, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (September 20, 1928)

Fisher, C. H., Assistant in Chemistry, on one-half time, for five months beginning September 1, 1928, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 26, 1928)

Goodmann, Grace, Stenographer in the Department of Administration in the Library, beginning September 24, 1928, and continuing until August 31, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-three dollars thirty-three cents (\$83.33) a month. (September 26, 1928)

Griffith, Esther, Assistant in Chemistry, on one-fourth time, for five months beginning September 1, 1928, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 26, 1928)

Guthrie, Albert Nelson, Assistant in Physics, on three-fourths time, beginning September 1, 1928, and continuing until January 31, 1929, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month, this superseding his previous appointment; from February 1, 1929, to June 30, 1929, his original appointment on one-half time will be effective, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 21, 1928)

Hatfield, Lillian Maynard, Instructor in Psychology, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of one thousand two hundred dollars (\$1200). (September 21, 1928)

Henderson, Robert, Assistant in English, on one-third time, for ten months beginning September 1, 1928, at a cash compensation of five hundred dollars (\$500). (September 22, 1928)

Hertzell, Emanuel A., Special Research Assistant in Ceramic Engineering, in the Engineering Experiment Station, beginning October 15, 1928, and continuing until further notice, at a cash compensation at the rate of two hundred twenty-five dollars (\$225) a month. (October 1, 1928)

Irwin, Mrs. Laurine, Stenographer in the Department of Home Economics Extension, in the College of Agriculture, for eleven months beginning October 1, 1928, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 8, 1928)

Jones, Mary Florence, Clerk in the Department of Dairy Husbandry, in the College of Agriculture, for eleven months beginning October 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (October 8, 1928)

Jordan, Garrett Lowell, Assistant in Poultry Husbandry, in the Department of Animal Husbandry, in the Agricultural Experiment Station, beginning September 15, 1928, and continuing until August 31, 1929, at a cash compensation at the rate of two hundred dollars (\$200) a month, this superseding his previous appointment. (September 21, 1928)

Knowlton, Marjorie, Laboratory Technician in the McKinley Hospital, beginning September 20, 1928, and continuing until September 1, 1929, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month, with maintenance while the hospital is being operated. (September 20, 1928)

Lamberton, Margaret, Stenographer and Clerk in the University High School, in the College of Education, beginning September 11, 1928, and continuing until September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred ten dollars (\$110) a month. (October 2, 1928)

Lilja, Paul Gustave, Instructor and Examiner in the Infirmary, in the College of Dentistry, on one-half time, for one year beginning September 1, 1928, at a cash compensation of two thousand dollars (\$2000). (October 1, 1928)

Ludolph, Paul Christian, Assistant in Physics, for ten months beginning September 1, 1928, at a cash compensation of one thousand four hundred dollars (\$1400), this superseding his previous appointment. (September 21, 1928)

Miller, Mrs. Mildred, Stenographer in the Department of Zoology, for eleven months beginning October 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 2, 1928)

Monack, Albert James, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (September 20, 1928)

Mulvane, Ora Edwin, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (September 20, 1928)

Oster, Fred H., Student Assistant in the Air Corps Unit, in the Department of Military Science, for ten months beginning September 1, 1928, at a cash compensation of one hundred dollars (\$100). (September 26, 1928)

Pollock, Alyce Margaret, Social Service Worker and Stenographer, in the College of Medicine, for eleven months beginning October 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred thirty-three dollars thirty-three cents (\$133.33) a month. (October 2, 1928)

Purdy, J. R., Assistant in Mathematics, on one-third time, for ten months beginning September 1, 1928, at a cash compensation of five hundred dollars (\$500) this superseding his previous appointment. (September 21, 1928)

Rattner, Herbert, Assistant in Dermatology, in the College of Medicine, for eleven months beginning October 1, 1928, without salary. (October 5, 1928)

Reuss, George Horace, Assistant in Farm Organization and Management, in the Agricultural Experiment Station, for nine months beginning October 1, 1928, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 28, 1928)

Schaede, Frank W., Laboratory Helper in the Department of Botany, beginning September 19, 1928, and continuing until September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (September 22, 1928)

Schlots, Fred Emerson, Assistant in the Soil Experiment Fields, in the Department of Agronomy, in the Agricultural Experiment Station, for eleven months beginning October 1, 1928, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (September 22, 1928)

Schmalhausen, Josephine, Secretary to the Head of the Department of Animal Husbandry, in the Agricultural Experiment Station, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand five hundred dollars (\$1500) this superseding her previous appointment. (October 9, 1928)

Sarnoff, Herbert Spencer, Resident in Medicine, in the College of Medicine, for nine months beginning October 1, 1928, at a cash compensation at the rate of fifty dollars (\$50) a month. (October 2, 1928)

Shultheis, Alida Y., Clerk in the Infirmary, in the College of Dentistry, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred dollars (\$1300). (October 5, 1928)

Smith, H. A., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of eight hundred dollars (\$800). (September 26, 1928)

Stafford, Dorothy, Stenographer in the Department of the University Press, for one year beginning September 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eighty dollars (\$1080). (September 18, 1928)

Tascher, Harold, Assistant in Political Science, on one-fourth time, for nine months beginning October 1, 1928, at a cash compensation at the rate of forty dollars (\$40) a month. (October 2, 1928)

Thompson, C. D., Assistant in Chemistry, on one-half time for four months beginning October 1, 1928, at a cash compensation at the rate of sixty dollars (\$60) a month, and for five months beginning February 1, 1929, on one-fourth time, at a cash compensation at the rate of thirty dollars (\$30) a month, this superseding his previous appointment. (October 2, 1928)

Tigay, Clara D., Assistant in Pediatrics, in the College of Medicine, for eleven months beginning October 1, 1928, without salary. (September 26, 1928)

Vesel, Fred H., Student Assistant in the Air Corps Unit, in the Department of Military Science, for ten months beginning September 1, 1928, at a cash compensation of one hundred dollars (\$100). (September 26, 1928)

Watson, Martin Calvin, Assistant in Physics, on one-fourth time, for ten months beginning September 1, 1928, at a cash compensation of three hundred fifty dollars (\$350). (September 21, 1928)

Wear, Hugh T., Student Assistant in the Engineer Unit, in the Department of Military Science, for ten months beginning September 1, 1928, at a cash compensation of one hundred dollars (\$100). (September 26, 1928)

Wheeler, Daniel Dwight, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (September 20, 1928)

Willhite, Forrest Monroe, Assistant in Soil Survey Analysis, in the Department of Agronomy, in the Agricultural Experiment Station, for eleven months beginning October 1, 1928, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (September 24, 1928)

Zechel, Gustav Leopold, Instructor in Surgery, in the College of Medicine, for eleven months beginning October 1, 1928, without salary. (October 2, 1928)

Zimmerman, G. F. D., Assistant in Economics, on one-half time, for ten months beginning September 1, 1928, at a cash compensation of seven hundred dollars (\$700). (September 21, 1928)

On motion of Mr. Barr, the Board adjourned to meet at the University, in Urbana, at 9:30 a. m. on Friday, October 26, 1928.

H. E. CUNNINGHAM
Secretary

JAMES W. ARMSTRONG
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

October 26, 1928



A meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9:30 a. m. on Friday, October 26, 1928, pursuant to adjournment on October 13.

The following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mrs. Ickes, Dr. Noble, Mr. Trees, Mr. Ward.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of October 13, 1928. On motion of Mr. Trees, the minutes were approved as printed on pages 43 to 66 above.

LEGISLATIVE BUDGET

Mr. Trees offered a motion that the legislative budget be approved as presented on page 51 above, and that the President of the University be directed to prepare and secure the introduction of a bill for appropriations to the University from the State in accordance therewith, and to take charge of the matter from now on.

Dr. Noble offered as an amendment that for the item of \$1,500,000 for Medical and Dental Laboratories there be substituted an item of \$1,000,000 for freshman dormitories for boys.

In this connection, President Kinley presented (a) a resolution of the Illinois Press Association (see below) and (b) a report of the house committee to visit educational institutions of the last General Assembly (House Journal, June 20, 1927, page 1126) on the condition of the Medical and Dental Buildings.

The amendment was defeated.

The motion offered by Mr. Trees was carried. Dr. Noble asked to be recorded as voting aye for all except the Medical and Dental Laboratories.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

RESOLUTION OF ILLINOIS PRESS ASSOCIATION

(1) Mr. W. W. Loomis, President of the Citizen Publishing Company of La-Grange, and President of the Illinois Press Association, has written me that at the annual meeting of the Association on October 11 and 12, "a resolution was prepared expressing satisfaction with the development of the School of Journalism and urging upon the trustees the erection of a permanent home for the school in the immediate future. While I recognize the desirability of such a building, it seemed to me we should not be impatient or inconsiderate of other departments, and at my suggestion the resolution was changed to urge a home for the School of Journalism as soon as consistent with the building plans of the trustees. We want the building but we also recognize the more-pressing need of some other departments."

This report was received for record.

REQUIREMENTS FOR ADMISSION TO THE COLLEGE OF DENTISTRY

(2) On recommendation of the faculty of the College of Dentistry the University Senate recommends that the following subjects be prescribed for admission to the College of Dentistry effective in September, 1929:

Chemistry	8 semester hours
(At least 4 semester hours must be qualitative analysis)	
Biology or Physics	6 semester hours
English	6 semester hours
(Elective subjects)	40 semester hours

On motion of Mrs. Busey, this requirement was adopted.

DEGREE FOR JOHN KELLY MOEUR

(3) On recommendation of the faculty of the College of Medicine, the University Senate recommends that the degree of Doctor of Medicine be conferred upon Mr. John Kelly Moeur as of the class of 1928.

On motion of Dr. Noble, this degree was conferred.

SABBATICAL LEAVES OF ABSENCE

(4) On recommendation of the head of the department and the dean in each case, I recommend that sabbatical leaves of absence on one-half pay for the year 1929-30 be granted under the rules to the following members of the staff:

H. V. Canter, Professor of Classics

John Van Horne, Associate Professor of Romance Languages

S. C. Staley, Associate Professor of Physical Education and
Athletic Coaching

W. V. Balduf, Assistant Professor of Entomology

On motion of Mrs. Grigsby, these leaves were granted.

LEAVE OF ABSENCE FOR MISS MARIE SORENSEN

(5) On recommendation of Dean Davis, I recommend that Miss Marie Sorensen, Dispensary Nurse in the College of Medicine, be given leave of absence from October 15 to December 15 without pay, in order that she may visit her people, who live abroad.

On motion of Mrs. Ickes, this leave was granted.

RELEASE OF CERTAIN PATENT RIGHTS

(6) In the course of recent investigations by Dr. T. E. Layng and assistants into the mechanism of combustion of liquid hydrocarbons in the presence of accelerators and inhibitors (anti-knock substance for gasolines and lubricating oils), and by Dr. D. B. Keyes of the electroplating of aluminum, several patentable features appeared. These features, so far as it was possible to determine at the time of discovery, were new.

Further research in connection with Doctor Layng's project has proved that it has no anti-knock value; and Doctor Keyes's project is one which would require so much money to develop with such a small chance of its being commercially valuable that the Committee does not think the University should patent it.

I recommend that the discoveries be released so far as the University is concerned, and that Doctors Layng and Keyes be permitted to file applications for patents if they wish.

On motion of Dr. Noble, this recommendation was adopted.

GIFTS TO THE COLLEGE OF ENGINEERING

(7) Dean Ketchum reports that the following gifts have been offered to the University:

1. From the Western Electric Company of Chicago—twenty-five adjustable drafting tables, valued at approximately \$500, to be delivered at Champaign free of charge.

2. From Mr. Louis W. Siple of Philadelphia—certain slides and descriptive material covering engineering topics such as feed water heaters, feed water treatment, air compressors, etc.

3. From the Gleason Gear Works—two models of gears, valued at approximately \$50.

These can be used in the Department of Mechanical Engineering and I have authorized Dean Ketchum to accept them.

This report was received for record.

FORM OF RECOGNITION FOR GIFTS

On motion of Dr. Noble, the matter of form of recognition for gifts was referred to a special committee consisting of President Armstrong, President Kinley, Mr. Trees, and Mr. Ward, for consideration and report.

GIFT OF MR. F. J. PLYM

(8) Mr. F. J. Plym has given the Department of Architecture \$500 to be used in furnishing a "commons" or all-purpose room in the Building for Architecture and Kindred Subjects. I recommend that this gift be accepted, and that the room be furnished by the Supervising Architect in consultation with the Head of the Department of Architecture.

On motion of Mr. Barr, this recommendation was adopted.

SALE OF CARTER-PENNELLS PROPERTY IN NORMAL, ILLINOIS

(9) The following report from the Comptroller concerning the sale of the Carter-Pennell property in Normal:

October 11, 1928

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

In the sale of the Carter-Pennell property in Normal, Illinois, to Mr. George M. Palmer (see Minutes of Board of Trustees, May 23, 1928), the taxes for 1927 were an obligation of the University. Judge Johnson and Attorney A. R. Hall made an effort to have these taxes cancelled but were unsuccessful. On the advice of Judge Johnson, I have paid the taxes so that all matters connected with the operation and sale of this property are now complete.

I enclose a final statement concerning this property showing a net realization of \$6,148.14. This sum, under the terms of the bequest, is a credit to the Carter-Pennell Student Loan Fund.

Cordially yours,
LLOYD MOREY
Comptroller

**FINAL STATEMENT OF CARTER-PENNELLS PROPERTY
NORMAL, ILLINOIS
Operating Account**

Income			
Rentals.....	\$1 091 50		
Interest on balance.....	33 57		
Unexpired Insurance.....	24 05	\$1 149 12	
Expense			
Labor.....	54 65		
Carpenter Work.....	160 80		
Painting and Decorating.....	252 38		
L. A. Hinton—Services.....	96 85		
Taxes.....	343 30		
Interest on \$1,000.....	35 00		
Miscellaneous.....	46 90	989 88	
<i>Operating Surplus.....</i>			\$ 159 24
Capital Account			
Receipts			
Sale of Property.....		\$6 500 00	
Expense			
Improvements (walks and drive) ..	\$ 250 00		
Commission on sale of property (L. A. Hinton)	130 00		
Legal Expense			
Abstract.....	\$78 00		
Publication.....	21 00		
Court Fees.....	11 75		
A. R. Hall, Attorney.....	20 35	131 10	511 10
<i>Net balance, Capital Account...</i>			\$5 988 90
<i>Total Realization.....</i>			\$6 148 14

This report was received for record.

REGISTRAR'S REPORT OF FEES

(10) The following report of the Registrar of fees assessed during the summer session of 1928:

FEES ASSESSED, SUMMER SESSION, 1928
Urbana

	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Matriculation Fees.....	\$ 1 470 00	\$. 70 00	\$ 1 400 00
Incidental Fees.....	35 195 00	2 638 00	32 557 00
Tuition Fees.....	180 00		180 00
Visitors' Fees.....	75 00		75 00
Transcript of Credits Fees.....	163 50		163 50
Change Fees.....	125 00		125 00
Special Examination Fees.....	275 00	10 00	265 00
Diploma Fees.....	<u>1 040 00</u>	<u>50 00</u>	<u>990 00</u>
<i>Total, General Fees.....</i>	<i>\$38 523 50</i>	<i>\$2 768 00</i>	<i>\$35 755 50</i>
Laboratory Fees			
Athletic Coaching.....	69 00	60 00	9 00
Bacteriology.....	243 50	8 00	235 50
Botany.....	153 50	6 00	147 50
Chemistry.....	1 588 40	229 50	1 358 90
Farm Mechanics.....	8 00	8 00	
General Engineering Drawing.....	10 50	1 50	9 00
Industrial Education.....	7 50	7 50	
Journalism.....	5 00		5 00
Law.....	10 50		10 50
Music.....	318 00	19 00	299 00
Physical Education (Women).....	270 75	18 00	252 75
Physics.....	125 50	27 00	98 50
Public Speaking.....	115 00	10 00	105 00
Theoretical and Applied Mechanics..	10 00	5 00	5 00
Zoology.....	<u>117 00</u>	<u>1 62</u>	<u>115 38</u>
<i>Total, Laboratory Fees.....</i>	<i>\$ 3 052 15</i>	<i>\$ 401 12</i>	<i>\$ 2 651 03</i>
<i>Total Fees, Urbana.....</i>	<i>\$41 575 65</i>	<i>\$3 169 12</i>	<i>\$38 406 53</i>

Chicago

Tuition Fees.....	\$ 1 595 00	\$ 250 00	\$ 1 345 00
<i>Total Fees, Chicago.....</i>	<i>\$ 1 595 00</i>	<i>\$ 250 00</i>	<i>\$ 1 345 00</i>
<i>Total Fees, Summer Session.....</i>	<i>\$43 170 65</i>	<i>\$3 419 12</i>	<i>\$39 751 53</i>

This report was received for record.

AUDIT REPORT OF THE ATHLETIC ASSOCIATION

(11) In accordance with the by-laws of the Athletic Association, I submit a report from the Comptroller of an audit of its accounts for the fiscal year ending June 30, 1928.

This statement was received for record.

On motion of Mr. Ward, the Committee on Physical Education was asked to confer with the directors of the Athletic Association and to make a report on the relations between the Athletic Association and the University.

HOME ECONOMICS CAFETERIA, FINANCIAL REPORT

(12) The Comptroller submits the following report of the financial operations of the Home Economics Cafeteria for the year 1927-28:

October 2, 1928

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I send you herewith a financial statement of the Home Economics Cafeteria for the year 1927-28.

The results for the year have been very satisfactory. The income has been slightly less than that of the previous year but better than that for 1924-25 and 1925-26. It has been sufficient to meet the operating expenses satisfactorily, including necessary repairs and replacements, a proper proportion of salaries of instructors in charge, and leave a surplus of \$283.69.

The accumulated surplus in the Cafeteria fund at the close of the year after allowing for the purchase and installation of an electric toaster and a water softener is \$602.27.

Cordially yours,
LLOYD MOREY
Comptroller

SCHEDULE A
COMPARATIVE STATEMENT OF
HOME ECONOMICS CAFETERIA OPERATIONS

	September 1, 1924, 10 August 31, 1925	September 1, 1925, 10 August 31, 1926	September 1, 1926, 10 August 31, 1927	September 1, 1927, 10 August 31, 1928
<i>Income</i>				
Meals Served	\$16 776 96	\$16 653 13	\$17 291 61	\$16 855 82
Discounts Taken			46 14	52 03
<i>Total Income</i>	(16 776 96)	(16 653 13)	(17 337 75)	(16 907 85)
<i>Expenses</i>				
Food	8 090 48	8 634 93	8 963 57	8 893 70
Wages	4 290 90	4 279 97	3 923 99	3 940 55
<i>Operation</i>				
Laundry	455 06	376 12	291 17	308 56
Ice	195 80	397 00	307 80	332 50
Garbage Disposal	54 25	53 00	42 25	51 00
Office Expense	121 98	110 84	113 99	104 78
Miscellaneous	104 87 ¹	30 45	3 33	43 27
<i>Total, Operation</i>	(931 96)	(967 41)	(758 54)	(840 11)
<i>Repairs</i>				
General	177 06	57 81	154 13	351 21
Utensils, not inventoried	179 25	92 67	150 06	398 59
<i>Total, Repairs</i>	(356 31)	(150 48)	(304 19)	(749 80)
Salaries	2 958 30	4 141 66	2 600 00	2 200 00
<i>Total, Expenses</i>	(16 627 95)	(18 174 45)	(16 550 29)	(16 624 16)
<i>Operating Surplus for Year</i>	\$ 149 01	\$ 1 521 32*	\$ 787 46	\$ 283 69

*Overdraft.

¹Includes \$86.16 for travel in connection with class inspection trips.

SCHEDULE B
HOME ECONOMICS CAFETERIA BALANCE SHEET
AUGUST 31, 1928

<i>Assets</i>		<i>Liabilities</i>	
Cash as per Auditor	\$102 69	Vouchers Payable	\$ 22 15
Inventory, August 31, 1928	368 73	Wages Payable—Students	1 50
Receivables in Process	146 25	Surplus, Schedule C	602 27
1928-29 Operating Cost paid in August	8 25		
	\$625 92		\$625 92
<i>Reconciliation with Auditor's Accounts</i>			
Surplus as above			\$602 27
<i>Add:</i>			
Liabilities recorded by Department and not by Auditor:			
Wages Payable			1 50
			\$603 77
<i>Deduct:</i>			
Encumbrances recorded by Auditor and not by Department:			
As per Auditor	\$157 15		
As per Department	22 15	\$135 00	
Assets recorded by Department and not by Auditor:			
Inventory	368 73		
Receivables in Process	146 25	514 98	
1928-29 Operating Cost paid in August by Auditor		8 25	\$658 23
Overdraft as per Auditor's Accounts			\$ 54 46

SCHEDULE C

HOME ECONOMICS CAFETERIA SURPLUS SEPTEMBER 1, 1927,
TO AUGUST 31, 1928

Surplus, September 1, 1927.....		\$1 063 21
Plus Operating Profit for		
September, 1927.....	\$ 5 40	
October, 1927.....	328 28	
November, 1927.....	141 62	
December, 1927.....	23 23	
January, 1928.....	164 96	
February.....	130 40	
March.....	108 62	
April.....	29 82*	
May.....	139 42	
June 1 to August 31, 1928.....	<u>728 42*</u>	283 69
		<u>\$1 346 90</u>
Less:		
Electric Toaster.....	100 60	
Cost of Installing Toaster.....	84 26	
Water Softener Installed.....	<u>559 77</u>	744 63
Surplus, August 31, 1928.....		<u>\$ 602 27</u>

*Deficit.

This report was received for record.

MEMORIAL TO DR. MOREAU ROBERTS BROWN

(13) Dr. James M. Brown, a member of the class of 1899 of the College of Medicine, has presented the University with a bronze plate in memory of his father, Moreau Roberts Brown, who was Professor of Laryngology and Rhinology at the College of Medicine from 1898 to 1902.

I recommend that this plate be accepted, to be hung in some suitable place in the College of Medicine.

On motion of Mrs. Ickes, this recommendation was adopted.

**AGREEMENT WITH LESLIE IRVIN FOR OPERATION OF THE
CARTER-PENNELL FARM**

(14) Dean Mumford recommends that the agreement with Mr. Leslie Irvin for the operation of one of the Carter-Pennell farms for the year beginning March 1, 1928, (approved by the Board May 23, 1928; Minutes, page 607), be extended for one year from March 1, 1929.

I concur in this recommendation.

On motion of Mr. Barr, this recommendation was approved.

APPROPRIATION FOR CLAYTON-BENNINGTON DRAINAGE DISTRICT

(15) I recommend that an appropriation of \$80, or as much thereof as may be necessary, be made from the Reserve and Contingent Fund to pay the University's share of the assessment against University land in the Clayton-Bennington Drainage District, which crosses the University's Experiment Field at Minonk in Woodford County.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mrs. Ickes, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Blair, Mr. Small.

**EXTENSION OF AGREEMENT FOR INVESTIGATION OF DRYING
OF CLAY WARES**

(16) On recommendation of Dean Ketchum I recommend that the agreement with the National Brick Manufacturers Association for a cooperative investigation of the Drying of Clay Wares by the Engineering Experiment Station (original agreement for this investigation approved by the Board of Trustees November 19, 1925, page 459) be renewed for one year. The Association has deposited with the University a check for \$600 to cover the cost of this investigation.

On motion of Mrs. Evans, this recommendation was adopted.

CHANGE OF NAME OF JAMES JOHN WOLFSON

(17) I report for record a legal change in the name of James John Wolfson, who was appointed under that name as an Assistant in the Department of Psychology, to James Wolfson Lechay.

This report was received for record.

HEARING FOR DR. ADLER

(18) A report that Dr. Adler had written that he would be unable to be present at the meeting today.

On motion of Dr. Noble, the President of the University was requested to inform Dr. Adler of the date of the next meeting in Chicago.

REPORT ON AUTOMOBILE PERMITS

(19) In accordance with the request of the Board at the September meeting, I submit a report on the number of permits to operate automobiles granted for the first semester, 1928-29:

Driving for or with the family.....	310
To use in earning a living.....	122
Driving to or from classes for those who live at a distance.....	80
Physical disability.....	5
For personal reasons—this last includes married men, men who are past thirty, and graduate students registered in undergraduate courses.....	25

A total of..... 542
26 cars in storage

The corresponding figures for the first semester of last year are as follows:	
For family use.....	381
Work.....	154
Commuting.....	109
Physical disability.....	12
Personal.....	9

A total of..... 665

As to the method of issuing permits, "for the first two years this matter was left in the hands of a committee consisting of the Secretary of the Council, Dean Thompson, and Dean Harno, who gave considerable time to the matter and considered each case personally. During these two years the principles on which permits were granted were pretty well established and it was the opinion of every one concerned that, excepting in unusual cases, it was not necessary to refer the matter to the committee. Whenever there has been a question this year the Secretary has called one dean or another in consultation with reference to the matter, and particular cases have been taken to the Council for its action. This has seemed quite a satisfactory way to every one concerned."

Dean Clark, Dean Harno, and Dean Thompson were introduced. Each one made statements concerning the administration of the rules on permits for students to operate automobiles.

On motion of Dr. Noble, the report was received for record and the committee was commended for the efficient, far-seeing, and just manner in which they have administered these rules.

TREASURER'S REPORT AND INVESTMENTS

Mr. Trees offered the following report for the Finance Committee.

The Finance Committee recommends to the Board of Trustees that the Annual Report of the Treasurer as of June 30, 1928, be approved and accepted, but that the list of investments now owned by the University of Illinois be sub-

mitted to two reputable trust companies for study and report as to diversification, compliance with the Illinois statute regarding investment of trust funds, and rating of the securities, with their recommendations as to a set-up for our complete investment list.

MERLE J. TREES
MARY E. BUSEY
ROBERT R. WARD

On motion of Dr. Noble, this recommendation was adopted.

SIZE OF PORTRAITS

Mrs. Busey, for the special committee on the size of portraits, made a report of progress.

DATE OF NOVEMBER MEETING

On motion of Mr. Trees, it was voted to hold the November meeting at the Blackstone Hotel, in Chicago, at 9:30 a. m. on Friday, November 16, 1928.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record the following list of appointments made by the President of the University.

Carr, Claire Eugene, Resident in Neurology, in the College of Medicine, for eleven months beginning October 1, 1928, at a cash compensation at the rate of fifty dollars (\$50) a month. (October 11, 1928)¹

Cohen, Maurice L., Instructor in Pathology and Bacteriology, in the College of Medicine, on one-fourth time, for five months beginning October 1, 1928, at a cash compensation at the rate of fifty dollars (\$50) a month. (October 11, 1928)

Johnston, William, Laboratory Helper in the Department of Pharmacology and Therapeutics, in the College of Medicine, for eleven months beginning October 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (October 18, 1928)

Kamnetz, Alta E., Stenographer in the Department of Pathology and Bacteriology, in the College of Medicine, on one-half time, for eleven months beginning October 1, 1928, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 15, 1928)

Kline, Esther May, Stenographer in the Department of Home Economics, in the College of Agriculture, beginning November 1, 1928, and continuing until August 31, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (October 11, 1928)

Lynch, Dorothy Emma, Assistant in Junior Club Work, in the Department of Home Economics, in the College of Agriculture, beginning October 22, 1928, and continuing until August 31, 1929, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (October 19, 1928)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

November 16, 1928



The November meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a. m. on Friday, November 16, 1928.

When the Board convened, the following members were present: President Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mr. Trees, Mr. Ward.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of October 26, 1928. On motion of Mr. Trees, the minutes were approved as printed on pages 67 to 75 above.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

AUDITORS' REPORT

- (1) The report of the auditors for the quarter ending September 30, 1928.
October 29, 1928

Board of Trustees, University of Illinois, Urbana, Illinois

DEAR SIRs:

We have audited the accounts of the University of Illinois for the quarter ending September 30, 1928.

We verified the account of Cash Receipts and Disbursements as shown by the books of the Business Office.

We have verified all items of Cash, Investments and Receivables as shown in the Balance Sheet.

We have also verified in total all disbursements made on account of the University by the State Auditor.

In our opinion the statements contained in the Comptroller's report reflect the true financial condition of the University at September 30, 1928.

ARTHUR YOUNG & COMPANY

This report was received for record.

APPROPRIATION FOR COLLEGE OF DENTISTRY

- (2) On request of Dean Noyes, I recommend that \$1,400 be appropriated from the Reserve and Contingent Fund to provide for the salary of a technician and wages of an assistant on special research work.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mr. Trees, Mr. Ward; no, none; absent, Mrs. Ickes, Dr. Noble, Mr. Small.

APPROPRIATION FOR WORK IN THE UNIVERSITY FORESTRY

- (3) I recommend that an appropriation of \$500 be made from the Reserve and Contingent Fund to the Supervising Architect's budget for additional work in clearing up the University forestry.

On motion of Mrs. Busey, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mr. Trees, Mr. Ward; no, none; absent, Mrs. Ickes, Dr. Noble, Mr. Small.

APPROPRIATION FOR BRONZE BUST OF LINCOLN

- (4) On request of the Supervising Architect, I recommend that an appropriation of \$450 be made from the Reserve and Contingent Fund for the purchase of a bronze bust of Lincoln by Hermon MacNeil of New York to be placed in the niche in Lincoln Hall.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mr. Trees, Mr. Ward; no, none; absent, Mrs. Ickes, Dr. Noble, Mr. Small.

At this point, Dr. Noble took his place with the Board.

APPROPRIATIONS FOR WORKING DRAWINGS FOR NEW BUILDINGS

- (5) On request of the Supervising Architect, I recommend that an appropriation of \$5,000 be made from the Reserve and Contingent Fund as a revolving fund for working drawings and preliminary plans for some of the buildings asked for the next biennium.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mrs. Ickes, Mr. Small.

At this point, Mrs. Ickes took her place with the Board.

APPROPRIATION FOR ARCHAEOLOGICAL EXPLORATIONS

(6) I recommend that an appropriation of \$600 be made from the Reserve and Contingent Fund for additional work in connection with the archaeological explorations which the University has been conducting in various parts of the State.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mrs. Ickes, Dr. Noble, Mr. Trees, Mr. Ward; no, none; absent, Mr. Small.

FINISH HARDWARE FOR LINCOLN HALL ADDITION AND MATERIALS TESTING LABORATORY

(7) The Supervising Architect submits the following schedule of bids for finish hardware for the Lincoln Hall Addition and the Materials Testing Laboratory, which were opened on October 25 with President Armstrong of the Board present:

<i>Bidders</i>	<i>Bids</i>	
	<i>Lincoln Hall Addition</i>	<i>Materials Testing Laboratory</i>
Sargent & Co.....	\$2 750 00	\$1 725 00
C. J. Werner.....	3 100 00	1 900 00
Holder Hardware Co.....	3 154 00	1 740 00

The Supervising Architect recommends, and I concur, that the awards be made to the low bidders who are Sargent and Company in both cases.

On motion of Mr. Trees, this award was made.

STEAM TURBINE FOR POWER PLANT

(8) An appropriation of \$30,000 was made at the June 29, 1928, meeting of the Board (special appropriations, page 738) for the purchase and installation of a new steam turbine in the Power Plant. The Supervising Architect reports that he has received bids on the turbine as follows:

General Electric Company.....	\$16 850
Westinghouse Electric and Manufacturing Company.....	17 571

The order was placed with the General Electric Company.

This report was received for record.

DENTAL BUILDING BONDS

(9) At various times, for example January 12, 1924, and November 19, 1925, you have authorized the Comptroller to purchase bonds of the College of Physicians and Surgeons outstanding against the Dental Building, provided he could get them at par or less.

Under date of November 5, 1928, the Comptroller writes me that the University now owns \$12,300 of the bonds on the Dental Building; that of this sum \$7,600 is owned outright and is in our treasury and \$4,700 represents investment of trust funds.

The Comptroller now recommends that the portion of the bonds held by us representing investment of trust funds, namely, \$4,700, be taken over by our general fund and the proceeds reinvested in other securities; and also that we cancel and retire the bonds which we own outright, amounting to \$7,600.

I concur in the Comptroller's recommendations and request an appropriation of \$4,700 from the Reserve and Contingent Fund to pay into the trust fund the amount necessary for the redemption of these bonds.

I further recommend that this money be invested in appropriate trust fund securities to the credit of the various trusts represented.

I further concur in the recommendation of the Comptroller that the bonds owned by the University be canceled.

On motion of Mrs. Evans, the matter of the disposal of the bonds held as trust-fund investments was referred to the Finance Committee for consideration and report.

On motion of Mrs. Ickes, the bonds of the College of Physicians and Surgeons of Chicago (\$7,600) owned outright were ordered canceled and retired.

HEARING FOR DR. ADLER

(10) A request that Dr. H. M. Adler and his associates be heard at this time on the reasons for his refusal of his appointment.

This hearing was granted, and Dr. Adler was introduced; with him were Mr. Cyrus McCormick, Jr., Judge Mary M. Bartelme, Dr. Ludvig Hektoen, Mr. J. H. Schaffner, and Mr. Roy C. Osgood, all trustees of the Behavior Research Fund. All of these persons made statements concerning the work of the Bureau of Juvenile Research and the building proposed for its work.

President Armstrong thanked Dr. Adler and the Representatives of the Behavior Research Fund for their presentation of the matter, and they retired.

At this point, Mr. Blair withdrew.

INSURANCE ON NEW BUILDINGS

(11) The contracts for the addition to Lincoln Hall and for the Materials Testing Laboratory provide that the University carry the necessary insurance on these buildings during the period of construction. On request of the Supervising Architect that the first instalment of this insurance, amounting to \$23,000 on Lincoln Hall and \$80,000 on the Materials Testing Laboratory, be placed, the Comptroller advertised for bids and submits the following schedule:

BIDS RECEIVED ON INSURANCE FOR LINCOLN HALL AND MATERIALS TESTING LABORATORY. RATES ARE PER \$100 FOR ONE YEAR, WITH 80% CO-INSURANCE

Bidder	Lincoln Hall		Materials Testing Laboratory	
	Fire	Tornado	Fire	Tornado
Burton & Trelease.....	.30*	.234*	.75	.40
D. G. Swannell.....	.30*	.234*	.30*	.234*
W. R. Hidy.....	.30*	.234*	.30*	.234*
Mark D. Brown.....	.56¼	.234*	.56¼	.234*
Savage & Kurt.....	.30*	.234*	.37½	.234
Hayes, Atkinson Agency.....	.37½	.234*	.56¼	.234*
A. H. McLean.....	.56¼	.40	.56¼	.40
Boggs & Cogdal.....				
		Lump sum.....	\$600	

*Represents low bidders, companies satisfactory.

OTHER FIRMS SUBMITTING BIDS BUT NOT COMPLYING WITH REQUIREMENTS OF REQUEST FOR BIDS

Bidder	Lincoln Hall		Materials Testing Laboratory	
	Fire	Tornado	Fire	Tornado
H. E. Wilcox.....	.245	.639	.245	.639
Monier & Morrisey }.....		.474		.474
Campbell & Son }				

The above bidders did not state the companies with whom the insurance would be placed.

I recommend that the Comptroller be authorized to distribute this insurance equally among the several agencies submitting the lowest bids, on the basis of these bids, and to add to it until the completion of the buildings, in consultation with the Supervising Architect, and that the rest of the insurance be handled by the Comptroller and the Supervising Architect to the best advantage for the University, until the completion of the buildings.

On motion of Dr. Noble, these recommendations were adopted.

DECISION OF U. S. CUSTOMS COURT

(12) A report of a decision of the United States Customs Court on payment of duty on articles imported by or for the University.

This report was received for record.

GIFT OF MR. ROBERT ALLERTON

(13) Mr. Robert Allerton of Monticello has offered the Department of Architecture the sum of \$800 to be used during the summer of 1929 "for a trip through New England by the two juniors who stand best in Professor Newcomb's class in the History of Architecture." The plan is to enable these students to study early American architecture in New England and the trip is to be planned by Mr. Allerton and Professor Newcomb.

I recommend that this gift be accepted, to be used under the conditions specified by Mr. Allerton and to be known as "The Allerton American Traveling Scholarship."

On motion of Mrs. Grigsby, this recommendation was adopted.

PORTRAIT OF DIRECTOR GEORGE A. HUFF

(14) The alumni and members of the active chapter of Kappa Sigma Fraternity have presented a portrait of Director George A. Huff by the distinguished artist, Mr. Frank O. Salisbury of London, to the University, the presentation having been made by Mr. George R. Carr of the class of 1901 at the Alumni Reunion on Homecoming Day, October 27. When the portrait arrived, the day before the presentation, I appointed a committee consisting of Professors E. J. Lake, C. E. Bradbury, L. C. Dillenback, and J. M. White, to pass on its artistic quality, in accordance with the rules of the Board. The committee unanimously recommended the acceptance of the portrait, and, accordingly, I accepted it for the University at the public ceremony referred to.

On motion of Mr. Trees, this report was received for record, and the President of the University was requested to convey to the donors an expression of the appreciation of the Board.

GIFT OF HORSE CHESTNUTS

(15) The University has received through Miss Barbara Bayne, Tree Historian of America, three horse chestnuts from the Friendship tree at Bath, Pennsylvania, which has a historical connection with the lives of George Washington, General Henry Lee, and General Robert Brown. The purpose of this gift is to perpetuate the historic tree at Bath. Professor White plans to plant the chestnuts in one of the greenhouses, then transfer them to the Nursery, and to transplant the trees later on some Arbor Day.

This report was received for record.

REPORT ON COOPERATIVE RESEARCH AND COMMERCIAL TESTS

(16) In accordance with the instructions of the Board (Minutes, September 20, 1928, page 7) I submit the following report on Cooperative Research and Commercial Tests.

At the meeting of the Board of Trustees on December 14, 1916, President James presented a statement from the Dean of the College of Engineering that he had arranged to carry on certain cooperative experiments between the University of Illinois, through its Engineering Experiment Station, and the Committee on Locomotive Feed-Water Heating of the International Railway Fuel Association and also between the University and the American Arch Company.

This agreement provided that tests be made on certain locomotives, under the direction of Professor E. C. Schmidt; that all results secured from the investigation be the property of the Engineering Experiment Station to be published as Station Bulletins or otherwise as determined by the Director of the Station; and that "the results also will at all times be open to the inspection and use of the representatives of the American Arch Company."

The University agreed to contribute the use of its plant and such service of staff as may be necessary to the supervision of the work and the summarization of data.

The American Arch Company agreed to provide the continued use of the locomotive and to supply funds for all supplies, to equip the locomotive with devices to be tested, provide service of men necessary to operate the locomotive and laboratory, to take readings and work up results. The Company agreed to make deposits in advance of actual expenditures. This agreement was approved by the Board.

The other agreement, for locomotive feed-water heating, made similar provisions. This also was approved. So far as I have been able to find, these were the first agreements for cooperative research. The above form of agreement appears to have been taken as a model for future agreements by the Engineering Experiment Station.

At the meeting on July 17, 1918, a contract similar in its terms for cooperative work in heating and ventilation was approved.

Another cooperative agreement of this kind with the United States Bureau of Mines was approved January 8, 1919.

In February, 1921, Dean Richards published Engineering Experiment Station Circular No. 9 in which he set forth the general form of agreement for cooperative research and commercial tests.

On September 14, 1920, adjourned to September 28, 1920, and May 16, 1925 (page 230), the Board made a declaration of policy concerning certain kinds of research problems. This declaration of policy was published in the Extracts of the Board of Trustees published December, 1926, page 20. All agreements entered into since 1921 have followed the general form outlined by Dean Richards in his Circular No. 9, whether the proposed research was in engineering or some other line.

COMMERCIAL TESTS

At its meeting on March 12, 1918, the Board approved proposed regulations governing commercial tests submitted by the Comptroller after consultation with members of the Engineering staff. These regulations are printed in the Extracts from the Laws of the Board of Trustees, published December, 1926, page 18.

REPORT ON COOPERATIVE RESEARCH PROJECTS BEING CARRIED ON BY THE UNIVERSITY OF ILLINOIS

College of Liberal Arts and Sciences

Chemistry

Research work on the physiological effect of tartrates, established by the Calumet Baking Powder Company which provided \$1,000 a year for this work. (Accepted October, 1926)

Research work on the nature of detonation in internal combustion engines established by the Standard Oil Company of Indiana which provided \$1,000 a year. (Accepted February, 1928)

Geology

Research on oil reservoirs in cooperation with the National Research Council and the American Petroleum Institute, which has furnished \$4,600 for this work for the year beginning June 15, 1928.

College of Medicine

Fellowship of \$1,800 per annum provided by Eli Lilly and Company for an investigation of allergy, such as hay fever, asthma, etc. (Accepted September, 1928)

College of Agriculture

Agreement with the Illinois State Electric Association and the Central Illinois Public Service Company for an investigation of the use of electricity in agriculture. A total of \$13,300 was received for this work. The investigation was completed September 1, 1928, but the results are still to be published by the University.

From the Illinois Cannery Association the sum of \$3,000 a year for a period of five years for investigational work in cannery crops. There are no restrictions regarding the use of the money, except that \$300 a year is used in payment of rent of a tract of land leased by the Association for the use of the Department of Horticulture in connection with these investigations. This agreement was started in 1923 and expires in 1929. The Cannery Association does not propose to renew it.

Several of the departments carry on cooperative projects with various divisions of the United States Department of Agriculture.

COOPERATIVE RESEARCH PROJECTS, ENGINEERING EXPERIMENT STATION, OCTOBER 1, 1928

<i>Name of Investigation</i>	<i>Cooperating Agent</i>	<i>Date of Execution of Contract by Board of Trustees</i>
Boiler Feed Water Treatment	Utilities Research Commission	May 17, 1924
Ageing of Porcelain	Utilities Research Commission	Extension, June 14, 1926
Car Axle Failures	Utilities Research Commission	Extension, June 14, 1926
Impact with Steel Structures	Utilities Research Commission	Extension, June 14, 1926
Methods of Testing High Voltage Cables	Utilities Research Commission	Extension, June 14, 1926
Fissures in Steel Rails	Utilities Research Commission	May 23, 1928
Prevention of Corrosion by Flue Gas	Utilities Research Commission	May 23, 1928
Water Treatment for Ice Making	Utilities Research Commission	May 23, 1928
Methods of Heating Asphalt	Utilities Research Commission	June 29, 1928
Effects of Products of Combustion on Quality of Enamel	Utilities Research Commission	June 12, 1928
Methods of Eliminating Stretching of Lead Sheaths	Utilities Research Commission	October 16, 1928
Warm Air Furnaces and Furnace Heating	National Warm Air Heating Association	October 17, 1918
Fatigue Phenomena of Metals	Engineering Foundation, National Research Council, General Electric Company, Western Electric, etc.	October 4, 1919
Drying of Clay Wares	National Brick Manufacturers' Association	November 19, 1925
Steam and Hot Water Heating	National Boiler and Radiator Manufacturers' Association and Illinois Master Plumbers' Association	March 9, 1926, Extended, July 19, 1927
Investigation of Feldspars	Golding Sons' Company of Trenton, New Jersey	April 20, 1927

Enameling of Sheet Steel	Ingram-Richardson Manufacturing Co.	May 21, 1927
Cast Iron Enamels	Research Bureau on Cast Iron Enamels (representing nine manufactories)	May 21, 1927
Cast Iron Pipe	Sectional Committee on Cast Iron Pipe (Organized under Procedure of American Engineering Standards Committee with 4 National Associations)	October 12, 1927
Boiler Furnace Refractories	American Society of Mechanical Engineers	April 12, 1928
Biaxial Stresses	Chicago Bridge and Iron Works	March 13, 1928
Riveted Connections	Chicago Bridge and Iron Works	April 12, 1928
Manufacture of Illinois Gas ¹	Illinois Gas Association	
Concrete Arch Investigation ²	American Society of Civil Engineers	
Tests of Large Rollers ²	American Railway Engineering Association	

This report was received for record.

PRESIDENT'S UNIVERSITY LECTURE FUND

(17) A request for an appropriation from the Reserve and Contingent Fund of \$1,500 for University lectures under the immediate direction of the President of the University.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mrs. Ickes, Mr. Trees; no, none; absent, Mr. Blair, Dr. Noble, Mr. Small, Mr. Ward.

ACTIVE SERVICE FOR DEAN DAVENPORT

(18) A request for authority to call Dean Eugene Davenport back into active service for a period of service to end not later than June 30, 1929, on terms to be arranged.

On motion of Mrs. Ickes, this authority was given.

COOPERATIVE INVESTIGATION OF ILLINOIS COALS

(19) On recommendation of Dean Ketchum I recommend approval of an agreement with the Zeigler Coal and Coke Company of Chicago for a cooperative investigation of Illinois Coals, this investigation to cover two fields, viz:

(A) Preparation and washability tests—to be carried on under the direction of the Mining Engineering Department.

(B) Combustion tests—to be carried on under the direction of the Mechanical Engineering Department in the Power Plant.

On motion of Mr. Barr, this agreement was authorized.

¹Money is contributed for the annual stipend of two Research Graduate Assistants who are employed in gas engineering research.

²No formal contract; money is contributed as a gift to be expended without restrictions.

BUILDING FOR CHEMICAL EXPERIMENTS

(20) A recommendation that an appropriation of \$4,000, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to house certain experiments in Chemistry.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mrs. Ickes, Mr. Trees; no, none; absent, Mr. Blair, Dr. Noble, Mr. Small, Mr. Ward.

DEATH BENEFIT FOR PROFESSOR EMMEL

(21) A recommendation that \$2,100 be appropriated from the Reserve and Contingent Fund for a death benefit for Professor V. E. Emmel, who died November 7, 1928. The amount of payment is based on Professor Emmel's last continuous service of seven years.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mrs. Ickes, Mr. Trees; no, none; absent, Mr. Blair, Dr. Noble, Mr. Small, Mr. Ward.

REPORT ON ATHLETIC ASSOCIATION

Mr. Trees, for the Committee on Physical Education, presented the following report:

The Committee on Physical Education wishes to report that it has held a conference with the Board of Directors of the Athletic Association in reference to the relationship of the University to the Athletic Association.

It is the opinion of your Committee that the present method of operation is quite satisfactory and should be continued.

It is recommended, however, that hereafter, when the budget of the Athletic Association is submitted to the Board of Trustees, it should be studied with the idea of approval or correction and not received simply as a matter of record.

MERLE J. TREES
GEORGE A. BARR
HELEN M. GRIGSBY

On motion of Mr. Trees, this report was adopted.

SIZE OF PORTRAITS

Mrs. Busey presented the following report for the special committee to consider the size of portraits to be hung in University buildings, the place of hanging, and other elements involved.

To the Board of Trustees: University of Illinois

Your Committee first investigated the facts with reference to portraits now in University Buildings and that data is shown on the accompanying blue print. It seemed worth while to include memorial tablets, mosaic portraits, and busts in order to have a complete record. In some cases the name of the artist does not appear but probably can be determined by taking the paintings out of the frames.

It is interesting to note that there are three paintings by Ralph Clarkson, one by Louis Betts, and one by Grover, as well as our three recent ones by Trebilcock, Hawthorne, and Salisbury. All these men have high reputations as portrait painters. All but five of these paintings are under fourteen square feet in area if we include Judge Harker's which is but little larger.

Your Committee recommends that, as a general standard, the area of visible canvas be limited to fourteen square feet unless, because of special circumstances, the Board sees fit to change the ruling. Such a regulation would prevent any paintings being made of larger size without permission from the Board.

The policy now being followed in the locating of portraits is to hang the Presidents' portraits in the Library and all others in rooms of the College or Department with which the person's teaching has been most closely affiliated. We recommend that this policy be adopted.

Under this ruling Director Huff's portrait would hang in the New Gymnasium but until the north wing is built there is no really suitable room for it. In the interim we recommend that it be hung in the corridor leading south from the north entrance of the New Library Building.

MARY E. BUSEY, *Chairman*
ANNA W. ICKES
HELEN M. GRIGSBY
LAURA B. EVANS

On motion of Mrs. Busey, this report was adopted.

APPROPRIATION FOR ALUMNI NEWS

On motion of Mr. Barr, the action of the Board in appropriating \$3,000 for the *Alumni News* (October 13, 1928, page 59) was rescinded.

Mr. Barr presented the following report of the Committee on Alumni.

The Committee on Alumni held a meeting in Chicago November 16, 1928. Present, George A. Barr and Mrs. Busey. Mr. Barr called to the attention of the committee the fact that the language of the report of this committee recommending to the Board of Trustees the appropriation of \$3,000 for the *Alumni News*, which recommendation was adopted at the meeting of the Board held October 13, did not state the exact purpose intended. It was intended that the money might be used in the general improvement of the publication and not simply to change the publication from a monthly to a weekly publication. Your committee therefore recommends that an appropriation of \$3,000 be made toward the expense of the improvement of the *Alumni News*.

GEORGE A. BARR
MARY E. BUSEY

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mrs. Ickes, Mr. Trees; no, none; absent, Mr. Blair, Dr. Noble, Mr. Small, Mr. Ward.

LETTER FROM CYRUS McCORMICK, JR.

President Kinley read the following letter from Mr. Cyrus McCormick, Jr., handed to him in the Board meeting:

November 16, 1928

To the President and Trustees of the University of Illinois:

Referring to our very interesting discussion of this morning, I take the liberty of suggesting the appointment of a committee from your Board to meet with a committee from the Board of Trustees of the Behavior Research Fund and a committee representing the University of Chicago. It would be the duty of this joint committee to discuss and report back to their parent Boards the feasibility or the contrary of any possible plan of joint cooperation. I suggest that the invitations for any such meeting should be issued in the name of the Behavior Research Fund.

There seemed to me to be three possible eventualities which might conclude our discussion:

(1) The University of Illinois might decide to oppose our project, in which case we would not be able to secure the support of the University of Chicago, and the hopes we now hold and the plans for a rosy future which we now have in our minds would be fruitless.

(2) The University of Illinois might decide that such plans as we discussed this morning were good but that it did not wish to cooperate in them for good and sufficient reasons. The University might, therefore, express itself as not being sufficiently concerned with the program to collaborate in the development of the joint scheme. In this case we would proceed simply with the University of Chicago as a partner and would accomplish more good than we could under item one above referred to, but not as much as could, in our opinion, be accomplished by item three below.

(3) The University of Illinois could express its willingness to cooperate with the University of Chicago and with ourselves, in which case the tripartite scheme of joint operation would proceed with the greatest possible chance of success.

I take the liberty of suggesting that all details should be argued out in the joint committee I am recommending and that no one of the three parties to this discussion should at any period consider itself bound by the discussion until mutually satisfactory plans for cooperation can be accomplished.

Very respectfully,

CYRUS MCCORMICK, JR.
President, Board of Trustees,
Behavior Research Fund

Mr. Trees offered a motion that the President of the University acknowledge Mr. McCormick's letter, and that, as Mr. McCormick suggested, a committee of three be appointed to secure information and, at a proper time, to meet with representatives of the Trustees of the Behavior Institute, for information purposes only, and to report to the Board. This motion was carried.

Mr. Armstrong later appointed Mr. Trees, Mr. Barr, and Mr. Armstrong (with the President of the University *ex officio*) to serve on this special committee.

CONTRACTS FOR GREENHOUSES

On request of the President of the University, Professor White presented the following schedules of bids for greenhouses:

Bidders	CONCRETE WORK			
		Bids		
		A ¹	B ²	C ³
A. W. Stoolman.....	\$3 270 00	\$ 65 00	\$223 00	\$67 20
English Brothers.....	3 588 00	61 00	293 00	
King & Petry.....	3 732 00	100 00		

SUPERSTRUCTURE

		A ¹	B ²	C ⁴
American Greenhouse Co.....	\$22 200 00	\$1 225 00	\$2 400 00	\$200 00
John C. Moninger Co.....	24 000 00	1 236 00	2 603 00	
Foley Greenhouse Co.....	24 200 00	485 00	2 900 00	

¹Deduction if central partitions in Floriculture Greenhouses are omitted.

²Deduction if 80' Vegetable Greenhouse is omitted.

³Deducting basement windows.

⁴Deduction if ventilating sash and operators for same are omitted from the concrete walls in east house for Floriculture Department.

On the recommendation of the President of the University, and on motion of Mr. Barr, the contract for the concrete work was awarded to the low bidder, Mr. A. W. Stoolman, for \$2,914.80.

On the recommendation of the President of the University, and on motion of Mrs. Evans, the contract for the superstructure was awarded to the low bidder, the American Greenhouse Company, for \$18,375.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

The President of the University presented the following report from the Comptroller on contracts and purchase orders issued since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER OCTOBER 9, 1928, TO NOVEMBER 10, 1928

Contract reported to the Board of Trustees in meeting of October 13, 1928:

Name	Amount	Date	Item
Utilities Research Commission	\$2 400 00 (Gift)	October 16, 1928	Cooperative investigation of methods of eliminating stretching of lead sheaths of high voltage cables.

Contracts executed under general regulations:

English Brothers	\$3 987 00	October 11, 1928	Concrete retaining wall for coal storage
A. F. Cook	1 250 00	October 2, 1928	Cow barn on north Carter-Pennell Farm ¹

Lease contract executed under general regulations:

Leased to	Property	Rental	Date	Tenure
Carl Johnson	Small house on Percival Farm	\$10 per month	October 1, 1928	One month, renewable

PURCHASE ORDERS ISSUED IN OCTOBER AMOUNTING TO \$1000 OR MORE

Department	Firm	Description	Amount	Procedure
Physical plant	Westinghouse Electric and Manufacturing Company	Re-winding Motors	\$1 290 50	Quoted
Physical plant	Rutledge and Taylor Coal Company	Coal	1 050 00	Quoted ²
Supervising Architect	H. Hunsucker	Work on trees	1 200 00	Quoted ³
Physical plant	Link Belt Company	Crusher	2 618 00	Quoted

H. M. EDWARDS
Purchasing Agent

DATE OF DECEMBER MEETING

It was voted to hold the December quarterly meeting at the Blackstone Hotel, in Chicago, at 9:30 a. m. on Tuesday, December 11, 1928.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record the following list of appointments made by the President of the University:

Bullis, Kenneth L., Assistant in Animal Pathology in the Department of Animal Husbandry, in the College of Agriculture and the Agricultural Experiment Station, on one-half time, for ten months beginning November 1, 1928, at a cash compensation at the rate of eighty-three dollars thirty-three cents (\$83.33) a month. (November 5, 1928)⁴

¹Authorized by Board of Trustees, September 20, 1928.

²Arranged by Mr. J. A. Morrow.

³Arranged by Supervising Architect.

⁴The date in parenthesis is the date on which the appointment was made by the President of the University.

Daly, Alice Ellen, Assistant in Library Science, in the Library School, for eight months beginning November 1, 1928, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (November 5, 1928)

Gubbins, Maud, Filing Clerk in the Infirmary, in the College of Dentistry, on one-half time, for one year beginning September 1, 1928, at a cash compensation at the rate of sixty-two dollars fifty cents (\$62.50) a month (this superseding her previous appointment). (November 5, 1928)

Immele, Mary Sophia, Stenographer in the Department of Horticulture, in the College of Agriculture, for ten months beginning November 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (November 8, 1928)

Kluge, Ralph Wendel, Special Research Graduate Assistant in Civil Engineering, in the College of Engineering and the Engineering Experiment Station, for ten months beginning September 1, 1928, at a cash compensation of six hundred dollars (\$600). (October 27, 1928)

Luethe, Ella Josephine, Technician in the McKinley Hospital, beginning October 22, 1928, and continuing until September 1, 1929, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month, with maintenance while hospital is in operation. (October 31, 1928)

McGreevy, Carrie, Stenographer in the Registrar's Office, beginning November 12, 1928, and continuing until August 31, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (October 31, 1928)

O'Donnell, Margaret, Stenographer in the Department of Horticulture, in the College of Agriculture, for ten months beginning November 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety-five dollars (\$95) a month (this superseding her previous appointment). (November 7, 1928)

Pegues, C. M., Assistant in Romance Languages, on one-half time, for five months beginning February 1, 1929, at a cash compensation at the rate of eighty dollars (\$80) a month (this superseding his previous appointment). (November 5, 1928)

Pietrangeli, Angelina, Assistant in Romance Languages, on three-fourths time, for five months beginning February 1, 1929, at a cash compensation at the rate of ninety dollars (\$90) a month (this superseding her previous appointment). (November 5, 1928)

Schoonmaker, Eva Marie, Stenographer in the Department of Horticulture, in the College of Agriculture, for ten months beginning November 1, 1928, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (November 12, 1928)

Stone, John P., Assistant in the Order Department of the Library, for ten months beginning November 1, 1928, at a cash compensation at the rate of one hundred twelve dollars fifty cents (\$112.50) a month. (November 7, 1928)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

December 11, 1928



The December meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a. m. on Tuesday, December 11, 1928.

When the Board convened, the following members were present: President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mr. Trees.

President Kinley was present.

As there was no quorum, a recess was taken.

EXECUTIVE COMMITTEE MEETING, DECEMBER 11, 1928

A meeting of the Executive Committee was held at the Blackstone Hotel, in Chicago, at 9:45 a. m. on Tuesday, December 11, 1928. All the members of the Executive Committee were present: Mr. Armstrong, Chairman, Mrs. Evans, Mr. Trees; also Mrs. Busey and Mrs. Grigsby, members of the Board, and President Kinley.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Executive Committee considered the following matters presented by the President of the University.

AUDIT OF ATHLETIC ASSOCIATION ACCOUNTS

(1) At the November 16 meeting of the Board I was asked to inquire whether it would not be a good thing to have an annual audit of the accounts of the Athletic Association made by an outside firm of accountants, in addition to the audits made our own people. Mr. Morey's opinion is as follows:

"Concerning the audit of the Athletic Association I would say that the only thing that we are doing that could be reduced, if we continue to make the audit, is the preparation of a report at the end of the first six months. Our plan of auditing is what is known in auditing procedure as a 'continuous audit.' We do the work from time to time when it can be done to the best advantage and the work of the year as a whole constitutes the year's audit. No work is duplicated at successive times. It has been our practice, however, to submit two reports during each year and it is possible that one report at the end of the year would now suffice." He adds: "If it is felt that the accounts should be audited by an outside firm of accountants, it would be my feeling that there would be no occasion for continuing the audit by my office. That audit is made by certified public accountants and I believe conforms to the standard of reputable accounting firms. I would not see any advantage in having the work done twice."

Mr. Huff's opinion is as follows:

"I do not believe that an audit made by an outside firm of accountants would be of any more value than that made under the direction of Mr. Morey. However, if any of the members of the Board think it advisable there certainly is no objection to having it done, and I agree with you that if such an audit is made by an outside firm that one audit by our own people would be sufficient."

It was voted, on motion of Mr. Trees, that this report be received for record and that the present practice be continued.

USE OF LABORATORIES DURING HOLIDAYS

(2) The Council of Administration, on recommendation of a special committee appointed to study and report on the matter, recommends that authority be given to open the University laboratories during the Thanksgiving, Christmas, and Easter holidays (to enable students who need more time for their laboratory work to catch up with their classes) on the following conditions:

1. That there is sufficient demand reasonably to assure the University that the expenses incurred will be defrayed by the fees collected.

2. That a scale of fees be adopted to cover expenses for laboratory materials used and for properly qualified assistants to conduct the laboratory exercises.

3. That in case laboratories are opened during such periods the assistants employed shall exercise only the ordinary duties necessary for the supervision of the work, and persons shall not be permitted to undertake such supervision who also undertake or have undertaken to become special tutors for students carrying on the laboratory work.

I concur in these recommendations.

On motion of Mrs. Evans, these recommendations were approved.

PROMOTION TO THE THIRD YEAR IN THE MEDICAL CURRICULUM

(3) The Council of Administration, acting for the Senate, on recommendation of the Faculty of the College of Medicine, recommends the adoption of the following requirement to govern promotion to the third year of medicine:

To register for any work of the third year in the College of Medicine, a student must have secured a grade of C or better in seventy-five per cent of the work of the first two years of the curriculum.

On motion of Mr. Trees, this recommendation was approved.

SABBATICAL LEAVES OF ABSENCE

(4) On recommendation of the heads of the departments and the deans concerned, I recommend that Mr. H. E. Babbitt, Professor of Sanitary Engineering, and Miss Clarissa Rinaker, Assistant Professor of English, be given sabbatical leaves of absence on one-half salary for the year 1929-30, under the rules.

They have complied with all of the requirements provided by the rules for leaves of absence.

On motion of Mrs. Evans, these leaves were granted.

TITLES OF DR. ROSSLEENE ARNOLD HETLER AND MISS ANNA SCHREIBER

(5) On recommendation of Dean Mumford, I recommend that the title of Dr. Rossleene Arnold Hetler, Assistant Professor of Nutrition, be amended by the addition of "Assistant Chief in Nutrition," and that that of Miss Anna Schreiber, Instructor in Foods, be amended by the addition of "First Assistant in Foods," in order that they may have Experiment Station titles, as they are both doing Purnell work.

On motion of Mr. Trees, these recommendations were approved.

APPROPRIATION FOR CUT STONE WORK ON ARCHITECTURAL BUILDING

(6) On request of the Supervising Architect I recommend that an appropriation of \$360 be made from the Reserve and Contingent Fund to pay a claim of the Adam Groth Company, who did the cut stone work on the Architectural Building, for extra labor required on the carved panels on the east and west ends of the building because of elaboration of the carving required after their bid was accepted.

On motion of Mr. Trees, this appropriation was made by the following vote: Aye, Mr. Armstrong, Mrs. Evans, Mr. Trees.

APPROPRIATION FOR HAY SHED AND TARGET RANGE FOR MILITARY DEPARTMENT

(7) For some time we have needed a storage shed for the hay furnished by the War Department for the Military Department animals. There is also need for a target range in the Armory. After studying the matter carefully the Supervising Architect has submitted estimates of the cost of providing these facilities and requests an appropriation of \$7,500 for these purposes.

Therefore, I recommend that an appropriation of \$7,500 be made from the Reserve and Contingent Fund to be expended as follows:

1. For a Hay Storage Shed, \$4,500.
2. For a Target Range, \$3,000.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mrs. Evans, Mr. Trees.

APPOINTMENT OF DEAN DAVENPORT

(8) Pursuant to the action of the Board at its last meeting, I have conferred with Dean Eugene Davenport concerning his return to full-time active service as special assistant to the President at his old salary. He agrees to do this on these terms. Accordingly, I request an appropriation of \$3,500 from the Reserve and Contingent Fund, or so much thereof as may be necessary,

to pay the balance of his full-time salary and to meet such expenses as his work may entail in travel and clerical service and otherwise for such a period as I may need him, not to extend beyond the end of June next and beginning when he reports for duty.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mrs. Evans, Mr. Trees.

APPROPRIATION FOR ELECTRICAL ENGINEERING LABORATORY

(9) Professor White informs me that after consulting with Dean Ketchum and Professor Paine, he is of the opinion that when the old Laboratory for Theoretical and Applied Mechanics is vacated, on completion of the new structure, it should be connected with the present Electrical Engineering Laboratory on the other side of the Boneyard, both buildings entirely remodeled and the Laboratory equipped with up-to-date apparatus, and rewired. After studying his proposal it seems to me that the plan is an excellent one and will give the University a first-class Electrical Engineering Laboratory with plenty of room, although, of course, not in a new building. This will be far cheaper than a new building. Therefore, I have approved Professor White's suggestion and concur in recommending to you the necessary appropriations. The amount required will be \$50,000, of which about \$23,000 will be necessary for the material construction to connect the buildings, \$15,000 for remodeling, and the balance for equipment. I therefore recommend an appropriation of \$50,000 from the Reserve and Contingent Fund for these purposes.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mrs. Evans, Mr. Trees.

COOPERATIVE INVESTIGATION OF CLAY SEWER PIPE

(10) On recommendation of the Dean of the College of Engineering, I recommend approval of two agreements with the Clay Products Association of Chicago for cooperative investigations to be carried on in the Engineering Experiment Station, viz.:

1. An investigation of clay sewer pipe. The agreement has been executed for a period of one year from February 1, 1929, and the Association agrees to pay the University \$6,000 for the expenses of the investigation.

2. An investigation of jointing materials for clay sewer pipe. The agreement has been executed for a period of two years from February 1, 1929, and the Association agrees to pay the University \$2,000 for the expenses of the investigation.

These agreements are of the form and character authorized by the Board for cooperative investigations.

On motion of Mr. Trees, these agreements were approved.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(11) The following report from the Comptroller of contracts and purchase orders executed since the last report was made.

CONTRACTS EXECUTED BY THE COMPTROLLER NOVEMBER 11, 1928, TO DECEMBER 6, 1928

Miscellaneous contracts executed under general regulations.

Name	Amount	Date	Item
American Can Company	Prices based on tin plate market with provisions for readjustment with the market.	August 20, 1928	The University agrees to buy all Sanitary Tin Cans from January 1, 1929, to December 31, 1931, from this Company.
American Can Company	Provides for reduction from prices in above contract if deliveries are made in certain months.	August 29, 1928	Special reduction in price on all Sanitary Tin Cans delivered and paid for from October 15 of each year to March 31 of the following year during time of contract now in force.

**PURCHASE ORDERS ISSUED IN NOVEMBER AMOUNTING
TO \$1000 OR MORE**

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
Supervising Architect	General Electric Company	Turbine Generator	\$18 145 00	Competitive ¹
Agronomy	W. S. Dickey Clay Company	Tile	1 040 00	Competitive
Animal Husbandry	Chicago Producers Commission Association	Calves	6 325 00	Arranged by Prof. Rusk
Art and Design	Grand Central Art Galleries	Paintings and Bronzes	8 600 00	Arranged by Committee
Animal Husbandry	American Hereford Cattle Breeder's Association	Hereford Bull	1 000 00	Arranged by Prof. Rusk
Supervising Architect	Kent and Company	Paving around Garage	2 174 52	Arranged by Supervising Architect
University Press	Rogers Printing Company	Printing Volume 2 Studies in Nutrition	3 000 00	Competitive
Annual Register	Bradner Smith and Company	Paper	1 944 00	Competitive

¹Reported to Board November 16, 1928.

This report was received for record.

USE OF FIELD REFRIGERATOR

(12) The Department of Agronomy has made arrangements with the United States Department of Agriculture for the use of a field refrigerator which belongs to the United States Department and which the latter will not need until May, 1929. The proposal is to bring the machine from Bloomington to Urbana to be used here in some of the Experiment Station projects, and to return the machine to Bloomington next spring. The representative of the United States Department suggests that the University take out fire and tornado insurance on this equipment during the time it is in our possession. Dean Mumford concurs in this suggestion, and, therefore, I recommend that authority be given to take out the necessary insurance, the cost to be charged to the Department of Agronomy.

On motion of Mrs. Evans, this recommendation was approved.

SOY BEAN STORAGE TESTS

(13) Sometime ago I authorized the Agricultural Experiment Station to make arrangements with Mr. Eugene Funk, the seed man of Bloomington, for the storage of 600 bushels of soy beans in our experiment storage bins on the south farm from about November 1, 1928, to September 1, 1929, to be used in a study of the storage, shrinkage, and artificial drying of farm crops. The only expense involved in connection with the use of these beans, at the time the proposal was put up to me, was the delivery of the beans from our bins to the railroad station after we are through with them. (The beans were to be delivered to our bins by local growers.)

Dean Mumford feels that we should assume some responsibility in connection with this matter, chiefly the risk of fire, inasmuch as the beans do not belong to us and their storage in our bins is to the University's advantage.

Therefore, I recommend that the University insure these beans for \$800 against any loss and that the cost be met from funds of the Department of Agronomy.

On motion of Mrs. Evans, this recommendation was approved.

CONTRACT FOR PRINTING OF ANNUAL REGISTER

(14) The Comptroller submits the following quotations received by the Purchasing Agent for printing and binding the Annual Register for 1928-29:

Rogers Printing Company, Dixon, Illinois.....	\$6800
Gentry Printing Company, Chicago, Illinois.....	7025
W. B. Conkey Company, Hammond, Indiana.....	7340
Review Printing and Stationery Company, Decatur, Illinois.....	9820
Rand McNally and Company, Chicago, Illinois.....	No quotation
R. R. Donnelly and Sons, Chicago, Illinois.....	No quotation

Pantagraph Printing and Stationery Company, Bloomington,
 Illinois.....No quotation
 Jefferson Printing Company, Springfield, Illinois.....No quotation

The above amounts are based on unit prices as applied to last year's Register.

The Purchasing Agent, the Director of the University Press, and the Comptroller recommend that the contract be awarded to the Rogers Printing Company of Dixon, the low bidder.

I concur.

On motion of Mr. Trees, this award was made to the low bidder as recommended.

PORTRAIT OF DEAN THOMAS ARKLE CLARK

(15) A year and a half or so ago, a group of students and members of the faculty organized a committee to raise funds for a portrait of Dean Thomas Arkle Clark. Funds were raised and the portrait was painted by Mr. Charles W. Hawthorne. The portrait is now offered the Board by the following letter.

URBANA, ILLINOIS, December 5, 1928

President David Kinley, 355 Administration Building

DEAR MR. PRESIDENT:

For the committee in charge of the portrait of Dean Clark, painted by Mr. Charles W. Hawthorne, I am very glad, through you, to present to the Board of Trustees of the University this portrait which has been made possible by the generosity of students and friends of Dean Clark.

Very truly yours,

LA FORCE BAILEY

I recommend that the portrait be accepted.

On motion of Mr. Trees, this portrait was accepted.

LEASE, AMERICAN CAN COMPANY

(16) A recommendation from Dean Mumford, in which I concur, that we renew a lease with the American Can Company for the use of a closing machine and change parts, at a rental of \$1.00 a year, plus an insurance fee of \$14.

On motion of Mr. Trees, the renewal of this lease was authorized.

At this point, Dr. Noble took his place with the Board, and the Executive Committee adjourned.

SECOND SESSION, DECEMBER 11, 1928

When the Board convened after the recess on December 11, 1928, the same persons were present as before, and Dr. W. L. Noble was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of November 16, 1928. On motion of Mrs. Grigsby, the minutes were approved as printed on pages 77 to 89 above.

ATHLETIC ASSOCIATION EMPLOYEES

On recommendation of President Kinley, and on motion of Mr. Trees, the Board approved the proposal of the Athletic Association to extend the University's plan of compensation for accidents, retiring allowances, and death benefits, to its staff of employees, at its expense.

MILITARY TRAINING

President Armstrong presented for Mr. Barr the following recommendation:

After consideration of the arguments presented by Dr. Paul H. Douglas and his associates at the Board Meeting on May 23, 1928, in favor of abolishing prescribed military training at the University and also the arguments presented on the other side by the delegates from certain patriotic societies heard at the meeting of June 12, 1928, I recommend that the University adhere to its present policy with reference to military training.

GEORGE A. BARR

On motion of Mrs. Evans, this recommendation was accepted and approved.

BOOTH-ST. LOUIS BONDS

Mr. Trees, for the Finance Committee, presented a recommendation that the Treasurer and the Comptroller be authorized and directed to dispose of the bonds of the Booth-St. Louis Cold Storage Company, given by the late Senator McKinley, at a price of 95 or better.

On motion of Mr. Trees, this recommendation was adopted.

PLANS FOR STADIUM

On motion of Mr. Trees, it was voted that the Board permit and authorize the Athletic Association to replace the wooden bleachers now at the south end of the Stadium with concrete seats, constructed in accordance with the original design and plans of the entire structure, the whole expense to be met by the Athletic Association out of its own funds, without any expenditure of University funds, the choice of architect and all plans and details to be subject to the approval of the Board, on recommendation of the Supervising Architect who shall also have supervision of construction.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record the following list of appointments made by the President of the University:

Burrows, S. J., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for seven months beginning November 1, 1928, at a cash compensation at the rate of twenty-eight dollars twelve and one-half cents (\$28.12½) a month. (November 19, 1928)¹

Crile, Dennis, Associate in Anatomy, in the College of Medicine, on one-fourth time, for nine months beginning November 1, 1928, at a cash compensation at the rate of forty dollars (\$40) a month. (November 19, 1928)

Dahlenburg, L. A., Junior Accountant in the Business Office, for ten months beginning November 1, 1928, at a cash compensation at the rate of one hundred sixteen dollars (\$116) a month (this superseding his previous appointment). (November 14, 1928)

Douglass, James, Bookkeeper in the Auditing Division of the Business Office, for ten months beginning November 1, 1928, at a cash compensation at the rate of sixty-five dollars (\$65) a month (this superseding his previous appointment). (November 14, 1928)

Gasser, John, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for seven months beginning November 1, 1928, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (November 19, 1928)

Goodman, Catherine, Bookkeeper in the Department of Farm Organization and Management, in the College of Agriculture, for nine months beginning December 1, 1928, subject to the rules of the Civil Service Commission, at

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

a cash compensation at the rate of ninety-one dollars sixty-six cents (\$91.66) a month. (November 20, 1928)

Hoover, Rodney Bruce, Special Research Assistant in Mining Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning December 16, 1928, on indefinite tenure, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (December 3, 1928)

Hull, Thomas G., Assistant Professor of Pathology and Bacteriology, in the College of Medicine, for nine months beginning December 1, 1928, without salary. (December 5, 1928)

Jacobson, J. R., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for seven months beginning November 1, 1928, at a cash compensation at the rate of eighteen dollars seventy-five cents (\$18.75) a month. (November 19, 1928)

Joranson, Y., Associate in Anatomy, in the College of Medicine, on one-fourth time, for nine months beginning November 1, 1928, at a cash compensation at the rate of sixty dollars (\$60) a month. (November 19, 1928)

Kearns, Jerry Joseph, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for three months beginning November 1, 1928, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (November 19, 1928)

Kubitz, Oskar Alfred, Assistant in Philosophy, on one-half time, for five months beginning February 1, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month. (December 5, 1928)

LaBine, Isabel Olive, Stenographer in the Department of Surgery, in the College of Medicine, beginning December 17, 1928, and continuing until September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (December 5, 1928)

McDaniel, P. H., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for seven months beginning November 1, 1928, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (November 19, 1928)

Machamer, Jerome Ellis, Special Research Assistant in Mining Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning December 1, 1928, on indefinite tenure, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (December 3, 1928)

Madden, E. E., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for three months beginning November 1, 1928, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (November 19, 1928)

Markin, Leonard, Assistant in Pediatrics, in the College of Medicine, for eleven months beginning October 1, 1928, without salary. (November 19, 1928)

O'Brien, George Francis, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for three months beginning November 1, 1928, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (November 19, 1928)

Pence, Dwight, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for three months beginning November 1, 1928, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (November 19, 1928)

Pilka, H. J., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for seven months beginning November 1, 1928, at a cash compensation at the rate of twenty-eight dollars twelve and one-half cents (\$28.12½) a month. (November 19, 1928)

Platin, Joseph Walkon, Instructor in Genito-Urinary Surgery, in the College of Medicine, beginning November 13, 1928, and continuing until September 1, 1929, without salary. (November 19, 1928)

Rubin, H. H., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for three months beginning November 1, 1928, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (November 19, 1928)

Sabo, John P., Assistant in Athletic Coaching, in the College of Education, for seven months beginning December 1, 1928, at a cash compensation at the rate of one hundred ten dollars (\$110) a month. (December 3, 1928)

Stein, Emil James, Instructor in Surgery, in the College of Medicine, beginning October 23, 1928, and continuing until September 1, 1929, without salary. (November 14, 1928)

Stein, Emil James, Instructor in Anatomy, in the College of Medicine, on one-fourth time, for seven months beginning November 1, 1928, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (November 14, 1928)

Symons, Virginia Thompson, Stenographer and Record-keeper in the Department of Horticulture, in the College of Agriculture, for nine months beginning December 1, 1928, at a cash compensation at the rate of ninety dollars (\$90) a month. (November 19, 1928)

Watson, Walter T., Assistant in Sociology, for five months beginning February 1, 1929, at a cash compensation at the rate of two hundred dollars (\$200) a month. (December 6, 1928)

White, A. R., Assistant in Anatomy, in the College of Medicine, on one-half time, for seven months beginning November 1, 1928, at a cash compensation at the rate of sixty-eight dollars seventy-five cents (\$68.75) a month. (November 19, 1928)

Zechel, G., Instructor in Anatomy, in the College of Medicine, on one-fourth time, for nine months beginning November 1, 1928, at a cash compensation at the rate of forty dollars (\$40) a month (this superseding his previous appointment). (November 14, 1928)

TIME OF JANUARY MEETING

On motion of Mr. Trees, the Board adjourned to meet at the Blackstone Hotel, in Chicago, at 9:30 a. m. on Wednesday, January 9, 1929.

H. E. CUNNINGHAM

Secretary

J. W. ARMSTRONG

President

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

January 9, 1929



The January meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Wednesday, January 9, 1929.

When the Board convened, the following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mr. Trees, and Mr. Simpson, who had taken the oath of office previous to the meeting.

President Kinley was present; also Professor Morey, Comptroller.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of December 11, 1928. On motion of Mr. Trees, the minutes were approved as printed on pages 91 to 99 above.

EXECUTIVE COMMITTEE MEETING, JANUARY 9, 1929

The Secretary presented for record a minute of a meeting of the Executive Committee.

EMPLOYMENT OF HOLABIRD AND ROOT FOR STADIUM AND SKATING RINK PLANS

On recommendation of the President of the University, made at the request of Director George Huff and Professor J. M. White, members of the Executive Committee individually approved the employment of Holabird and Root as architects for the skating rink plans and the plans for the replacement of the wooden seats at the south end of the Stadium with concrete seats. At a meeting held January 9, 1929, at 9 a.m. in Chicago, the Executive Committee in session confirmed the individual actions of its members authorizing the employment of Holabird and Root as architects for the skating rink and the south stand of the Stadium.

JAMES W. ARMSTRONG, *Chairman*
LAURA B. EVANS
MERLE J. TREES

H. E. CUNNINGHAM
Clerk

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

QUARTERLY REPORT OF THE COMPTROLLER

(1) The report of the Comptroller for the quarter ending December 31, 1928.

*SUMMARY**Reserve and Contingent Fund*

The unappropriated balance of the Reserve and Contingent Fund (estimated excess of income of the year over appropriations) at the beginning of the quarter was \$215,605. Net deductions during the quarter totalled \$87,064, as per Schedule A, leaving a balance of \$128,541 in the Reserve and Contingent Fund at the close of the quarter. The balance at the corresponding date a year ago was \$226,001.

Budget Income

Realization of the budget income for the six months ending with the present quarter, as per Schedule B, was as follows:

	<i>Estimate For Year</i>	<i>Per Cent of Year's Estimate Realized</i>	
		<i>This Year</i>	<i>Same Date Last Year</i>
State Appropriations for Operation (per cent realized represents portion expended to December 31, 1928).....\$	500 000	54.0	51.5
Federal Funds.....	438 075	51.6	54.1
Student Fees.....	850 000	51.7	51.3
Agricultural Sales			
Credited to Revolving Accounts.....	124 860	54.3	49.4
Credited to Agricultural Income.....	131 700	61.6	64.7
Miscellaneous Sales and Receipts.....	90 000	48.1	53.5

Treasurer's Balance

The balance in all funds in the hands of the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$1,063,959, Schedule D. On the corresponding date a year ago, the balance was \$929,038.

Budget Expenditures

Board appropriations to departments for the current fiscal year total \$5,981,386, including salaries, \$3,926,188, expense and equipment, \$2,055,208. These were 45.2% expended at the end of the quarter, and 2.6% encumbered. (Included in Schedule C.) On the corresponding date a year ago these appropriations were 45.7% expended and 2.4% encumbered.

Building and Improvement Funds

Building and Improvement funds for the biennium were 39.5% expended at the end of the quarter, and 40.3% encumbered, as per Schedule C.

Trust Funds

Endowment funds from private gifts for special purposes (see Schedule D) are distributed as follows:

Professorial and Lectureship Endowments	\$119 686
Student Loan Endowments	175 101
(of which \$153,217 was outstanding in student notes at the end of the quarter.)	
Scholarship and Prize Endowments	84 486
Other Endowments	91 431
<i>Total</i>	<u>\$470 704</u>

Indebtedness on Property

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totalling \$60,000 on the Dental Building in Chicago, due in 1932. Of this amount \$7,600 was in the Treasury of the University at the date of this report awaiting cancellation as of January 1, 1929 (Schedule D).

Residence Halls

A summary of the operations of the residence halls for the year to December 15, 1928, is shown as Appendix I. The balance in the Residence Halls fund at the end of the quarter was \$117,890, and in the Davenport House, \$7,543.

Stadium Fund

An appendix is included giving the report of the Memorial Stadium Fund, of which the Board of Trustees is custodian. (See Appendix II.)

LLOYD MOREY
Comptroller

SCHEDULE A
STATEMENT OF RESERVE AND CONTINGENT FUND FOR THE
QUARTER ENDING DECEMBER 31, 1928^R

Balance forward October 1, 1928.....		\$215 605 25	
<i>Add:</i>			
Lapsed unused 1927-28 balances (carried forward to cover encumbrances but not required).....		<u>661 23</u>	\$216 266 48
<i>Deduct:</i>			
Appropriations made by the Board of Trustees			
October 13, 1928			
Purchase of Objects of Art.....	\$5 000 00		
School of Music Expense.....	450 00		
Reprints of Monograph on the College of Medicine..	700 00		
October 26, 1928			
Agronomy Experiment Fields Drainage Assessments (Minonk).....	80 00		
November 16, 1928			
Alumni News Improvement.....	3 000 00		
General University Lectures.....	1 500 00		
Death Benefit (Professor V. E. Emmel).....	2 100 00		
Illinois Archeological Explorations (additional)....	600 00		
Dentistry Research.....	1 400 00		
Building for Chemical Experiments.....	4 000 00		
Bust of Lincoln (for Lincoln Hall).....	450 00		
University Forestry Clearing.....	500 00		
Working Drawings for New Buildings.....	5 000 00		
December 11, 1928			
President's Office Special Expense (salary and expense of Dean Davenport).....	3 500 00		
Architecture Building Cut Stone Work.....	360 00		
Hay Shed and Target Range.....	7 500 00		
Electrical Engineering Laboratory Improvements and Equipment.....	<u>50 000 00</u>	86 140 00	
Adjustments to Salary Budget			
Chemistry.....	595 00		
English.....	500 00		
Education Administration.....	140 00		
Supervision and High School Instruction.....	100 00		
Dentistry Administration.....	<u>250 00</u>	<u>1 585 00</u>	<u>87 725 00</u>
Balance, December 31, 1928 (See Schedule D.).....			<u>\$128 541 48</u>

SCHEDULE B
REALIZATION OF INCOME FOR OPERATIONS
1928-29 TO DECEMBER 31, 1928

	<i>Budget Estimate</i>	<i>Realized to Date</i>	<i>Unrealized Balance (See Sch. D)</i>
<i>State Funds</i>			
From Mill Tax	\$2 625 000 00	\$1 709 832 99	\$ 915 167 01
From General Revenue	1 875 000 00	721 816 77	1 153 183 23
<i>Total, State</i>	(4 500 000 00)	(2 431 649 76)	(2 068 350 24)
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund	239 624 24	119 812 17	119 812 07
Hatch-Adams Funds	30 000 00	15 000 00	15 000 00
Purnell Fund	50 000 00	25 000 00	25 000 00
Capper-Ketchum Fund	20 000 00		20 000 00
From State Treasurer			
Interest on Endowment Fund	32 450 66	16 225 33	16 225 33
Morrill-Nelson Funds	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes)	16 000 00		16 000 00
<i>Total, Federal</i>	(438 074 90)	(226 037 50)	(212 037 40)
<i>Student Fees</i>	850 000 00	439 086 03	410 913 97
<i>Sales</i>			
Credited to Departments			
Agriculture	124 860 00	67 863 18	56 996 82 ¹
Other Departments		1 709 53	1 709 53 ^{*1,2}
Credited to Estimated Agricultural Sales	131 700 00	81 108 11	50 591 89
Credited to General Income	90 000 00	43 324 87	46 675 13
Credited to Estimated Income from Creamery Surplus	14 310 00		14 310 00 ³
<i>Total, Sales, etc.</i>	(360 870 00)	(194 005 69)	(166 864 31)
<i>McKinley Endowment</i>	7 000 00		7 000 00 ⁴
<i>Grand Total</i>	\$6 155 944 90	\$3 290 778 98	\$2 865 165 92

*Deduct.

¹Credited direct to revolving accounts, not carried as separate items on Balance Sheet.²No budget estimate set up.³Amount realized to December 31, 1928, \$10,769.24; to be transferred June 30, 1929.⁴Amount realized to December 31, 1928, \$4,461.82; to be transferred as soon as realized.

SCHEDULE C
SUMMARY OF APPROPRIATIONS
AS AT DECEMBER 31, 1928

	<i>Total Credits</i>	<i>Disbursements</i>	<i>Encumbrances</i>	<i>Free Balance</i>
Administration and General	\$ 417 692 75	\$ 187 311 19	\$ 17 082 07	\$ 213 299 49
Library	221 359 59	110 368 50	32 544 74	78 446 35
Agriculture				
University Appropriation	1 099 350 80	555 817 05	38 922 46	504 611 29
Smith-Lever	265 394 19	110 413 34	2 965 47	152 015 38
Liberal Arts and Sciences	1 125 580 16	508 117 37	10 349 36	607 113 43
Engineering	697 122 21	314 137 69	15 888 65	367 095 87
Graduate School	81 770 04	30 171 53	4 762 99	46 835 52
Medicine, Dentistry, and Pharmacy	776 624 57	365 635 07	22 703 24	388 286 26
Journalism	28 250 01	13 159 20	109 20	14 981 61
Law	88 817 36	41 316 61	4 090 48	43 410 27
Library School	23 790 93	10 689 24		13 101 69
Military	21 544 16	4 119 12	96 40	17 328 64
Music	57 110 00	29 138 23	841 59	27 130 18
Summer Session, 1928	39 035 82	38 576 33		49 49
Summer Session, 1929	80 000 00			80 000 00
Education	188 619 71	84 727 69	1 228 53	102 663 49
Commerce	222 177 18	97 806 46	1 961 97	122 408 75
Physical Welfare	124 841 66	58 134 47	2 752 23	63 954 96
Physical Plant Operation and Maintenance	651 231 87	304 604 43		346 627 44
<i>Sub-total</i>	<u>\$6 210 313 01</u>	<u>\$2 864 243 52</u>	<u>\$156 299 38</u>	<u>\$3 189 770 11</u>
Land, Buildings, and Improvements				
Special State Building Appropriations	1 175 482 11	418 203 60	526 918 43	230 360 08
Other Appropriations	400 969 62	194 042 16	108 639 88	98 287 58
<i>Grand Total</i>	<u>\$7 786 764 74</u>	<u>\$3 476 489 28</u>	<u>\$791 857 69</u>	<u>\$3 518 417 77</u>

SCHEDULE D
BALANCE SHEET AS AT DECEMBER 31, 1928
ASSETS

I. General and Building Funds			
Cash in Hands of University Treasurer..		\$898 019 53	
Petty Cash Funds.....		30 600 00	
Balance in State Appropriations			
For Operation.....	\$2 068 350 24		
For Buildings.....	756 150 70		
For Special Purposes.....	<u>7 637 23</u>	2 832 138 17	
Stores and Service Departments (stock and work in process).....		185 361 57	
Loan to McKinley Hospital (Trust Fund).....		14 450 00	
Accounts Receivable.....		27 130 18	
Estimated Income from: (Sch. B)			
Smith-Lever, Hatch-Adams, Purnell, and Capper-Ketchum U. S. Appropriations.....	179 812 07		
Interest on Endowment Fund from Land Grant of 1862.....	16 225 33		
State Board of Vocational Education (Smith-Hughes).....	16 000 00		
Fees.....	410 913 97		
Agricultural Sales and Miscellaneous.....	<u>118 577 02</u>	<u>741 528 39</u>	\$4 729 227 84
II. Trust Funds			
Cash.....		165 939 74	
Notes Receivable.....		153 216 68	
Investments			
Savings Account.....	7 135 18		
Stock and Bonds.....	242 623 03		
Land.....	<u>57 950 00</u>	<u>307 708 21</u>	626 864 63
III. Endowment Fund			
Endowment Fund (in hands of State Auditor) from Land Grant of 1862..			649 012 91
IV. Plant and Property			
Plant and Property (July 1, 1928).....			<u>22 226 540 48</u>
Total Assets			<u>\$28 231 645 86</u>

LIABILITIES AND SURPLUS

I. General and Building Funds			
Appropriation Balances (Sch. C)			
Encumbered.....	\$ 791 857 69		
Unencumbered.....	<u>3 518 417 77</u>	\$4 310 275 46	
Reserve for Extension Petty Cash Funds.....		1 200 00	
Reserve for Stores.....		122 360 64	
Reserve for Loan to Trust Fund.....		14 450 00	
Residence Hall and Hospital Balances.....		139 833 05	
Unappropriated Agricultural Income.....		12 567 21	
Unappropriated Income (Reserve and Contingent Fund) (Sch. A).....		<u>128 541 48</u>	\$4 729 227 84
II. Reserve for Trust Funds			
Loan from General Funds.....	14 450 00		
Endowment Funds.....	<u>456 253 90</u>	470 703 90	
Expendable Funds.....		<u>156 160 73</u>	626 864 63
III. Reserve for Endowment Fund			
			649 012 91
IV. Bonds and Surplus			
Dental Property Bonds.....	60 000 00		
Less: Treasury Bonds.....	<u>7 600 00</u>	52 400 00	
Surplus Invested in Fixed Assets.....		<u>22 174 140 48</u>	<u>22 226 540 48</u>
Total Liabilities and Surplus			<u>\$28 231 645 86</u>

APPENDIX I
RESIDENCE HALLS SUMMARY OF OPERATIONS
1928-29 TO DECEMBER 15, 1928

	<i>Woman's Residence Halls</i>	<i>Davenport Residence Hall</i>	<i>Total</i>
Summer Session Surplus	\$1 473 34		\$ 1 473 34
Winter Term Surplus:			
September 12 to October 15, 1928	5 983 80	937 08	6 920 88
October 15 to November 15, 1928	5 990 58	982 45	6 973 03
November 15 to December 15, 1928	6 064 83	975 17	7 040 00
<i>Total Surplus from Operations 1928-29 to De- cember 15, 1928</i>	<u>19 512 55</u>	<u>2 894 70</u>	<u>22 407 25</u>
<i>Deduct:</i>			
Extraordinary Repairs, Equipment, Re- modeling, and June 15-September 12, 1928, Miscellaneous Expense	16 508 73	5 255 81	21 764 54
Unused 1928-29 Surplus from Operations	3 003 82	2 361 11 ¹	642 71
<i>Add:</i>			
Balance forward June 15, 1928	114 886 01	9 904 07	124 790 08
<i>Surplus as at December 15, 1928</i>	<u>\$117 889 83</u>	<u>\$7 542 96</u>	<u>\$125 432 79</u>

APPENDIX II
STATEMENT OF MEMORIAL STADIUM FUND
AS AT DECEMBER 31, 1928
Receipts and Disbursements

	<i>Prior to July 1, 1928</i>	<i>July 1, 1928 to December 31, 1928</i>	<i>Total to Date</i>
<i>Receipts</i>			
From Subscriptions	\$1 663 030 45	\$6 380 90	\$1 669 411 35
From Donations	5 008 12	63 80	5 071 92
From Interest	26 451 49	455 91	26 907 40
From Loans	44 000 00	7 500 00 ²	36 500 00
<i>Total Receipts</i>	<u>\$1 738 490 06</u>	<u>\$ 599 39²</u>	<u>\$1 737 890 67</u>
<i>Disbursements</i>			
Office Collection Expense		244 64 ³	244 64 ³
Construction	1 735 635 78		1 735 635 78
<i>Total Disbursements</i>	<u>\$1 735 635 78</u>	<u>\$ 244 64</u>	<u>\$1 735 880 42</u>
<i>Cash Balance</i>			<u>\$ 2 010 25</u>

Balance Sheet

<i>Assets</i>			
Cash		\$ 2 010 25	
Due from Pledge Installments			
Past Due Installments	\$ 485 990 04		
Future Installments	<u>4 859 00</u>	490 849 04	
Due from Athletic Association for Office Expense		<u>244 64</u>	
<i>Total Assets</i>			\$ 493 103 93
<i>Liabilities and Surplus</i>			
Notes Payable			<u>36 500 00</u>
<i>Excess of Assets (including Unpaid Pledges) over Liabilities</i>			<u>\$ 456 603 93</u>

This report was received for record.

¹Deficit—deduct.

²Deduction due to repayment of loan.

³To be refunded by Athletic Association.

SUMMER SESSION STAFF FOR 1929

(2) On recommendation of the Director of the Summer Session, I submit the Summer Session salaries budget for 1929, indicating the positions and salaries attached thereto, the total being within the amount provided in the 1928-29 budget for the Summer Session. I recommend approval of this budget and request that the President of the University be authorized to make such adjustments and additional appointments as are necessary.

Art and Design

Edward J. Lake, *Assistant Professor* \$ 600.00 \$600.00

Astronomy

Robert H. Baker, *Professor* (three-fifths time) \$ 500.00 500.00

Bacteriology

F. W. Tanner, *Professor* \$ 833.33
G. I. Wallace, *Instructor* 333.33
1166.66

Botany

F. L. Stevens, *Professor* (seven-tenths time) \$ 606.66
W. B. McDougall, *Associate Professor* 633.33
_____, *Assistant* (three-fifths time) 150.00
_____, *Assistant* (three-fifths time) 150.00
_____, *Assistant* (one-half time) 125.00
1664.99

Chemistry*Inorganic:*

H. C. Kremers, *Assistant Professor* \$ 600.00
L. F. Yntema, *Assistant Professor* 500.00
L. F. Audrieth, *Associate* 400.00
D. S. Villars, *Associate* 416.66
H. W. Woodrow, *Assistant* (one-half time) 125.00
2041.66

Analytical:

G. L. Clark, *Professor* 833.33
D. T. Englis, *Assistant Professor* 500.00
J. H. Reedy, *Assistant Professor* (one-third time) 194.44
1527.77

Organic:

C. S. Marvel, *Associate Professor* 633.33¹
R. L. Shriner, *Assistant Professor* 466.66
R. C. Fuson, *Assistant Professor* 466.66
_____, *Assistant* (one-half time) 125.00
1058.32

Physical:

T. E. Phipps, *Assistant Professor* 500.00 500.00

Physiological:

W. C. Rose, *Professor* 900.00
_____, *Instructor* (two-thirds time) 200.00
1100.00

Industrial:

N. W. Krase, *Assistant Professor* 583.33 583.33

Classics

H. V. Canter, *Professor* \$ 900.00
Samuel S. Kingsbury, *Professor* (Head, Department of Classics,
Carroll College) 400.00
1300.00

¹Paid by Organic Chemical Manufactures and not included, therefore, in totals.

English			
G. T. Flom, <i>Professor</i>	\$ 833.33		
E. C. Baldwin, <i>Professor</i>	666.66		
B. L. Jefferson, <i>Associate Professor</i>	666.66		
Harris F. Fletcher, <i>Assistant Professor</i>	500.00		
W. P. Sandford, <i>Assistant Professor</i>	583.33		
J. Homer Caskey, <i>Associate</i>	416.66		
W. Hayes Yeager, <i>Associate</i>	500.00		
Leah Fullenwider, <i>Instructor</i>	350.00		
Marcus Goldman, <i>Assistant</i>	300.00		
E. C. Coleman, <i>Assistant</i>	283.33		
Eric V. Sandin, <i>Assistant</i>	266.66		
			5366.63
Geography			
W. O. Blanchard, <i>Associate Professor</i>	\$ 625.00	625.00	
German			
C. A. Williams, <i>Associate Professor</i>	\$ 583.33		
J. T. Geissendoerfer, <i>Assistant Professor</i>	500.00		
_____ , <i>Assistant</i> (four-fifths time)	200.00		
_____ , <i>Assistant</i> (four-fifths time)	200.00		
_____ , <i>Assistant</i> (two-fifths time)	100.00		
			1583.33
History			
_____ , <i>Professor</i>	\$ 900.00		
A. E. Martin, <i>Professor</i> (Pennsylvania State)	833.33		
J. W. Swain, <i>Assistant Professor</i>	533.33		
Louise B. Dunbar, <i>Assistant Professor</i>	450.00		
A. L. Sachar, <i>Associate</i>	400.00		
			3116.66
Mathematics			
G. A. Miller, <i>Professor</i>	\$ 900.00		
R. D. Carmichael, <i>Professor</i>	900.00		
E. B. Lytle, <i>Assistant Professor</i> (one-third time)	200.00 ¹		
H. Levy, <i>Assistant Professor</i>	500.00		
F. C. Ogg, <i>Instructor</i>	383.33		
V. A. Hoerach, <i>Instructor</i>	383.33		
G. E. Moore, <i>Assistant</i>	250.00		
O. K. Bower, <i>Assistant</i>	250.00		
E. Amelotti, <i>Assistant</i>	250.00		
			4016.66
Philosophy			
Cornelius Krusé, <i>Professor</i> (Wesleyan University) (one-half time)	\$ 400.00 ¹		
A. C. Benjamin, <i>Assistant Professor</i>	500.00		
J. A. Nicholson, <i>Associate</i>	416.66		
			1316.66
Physiology			
J. H. Weatherby, <i>Instructor</i>	\$ 400.00	400.00	
Political Science			
John M. Mathews, <i>Professor</i>	\$ 900.00		
C. M. Kneier, <i>Associate Professor</i> (University of Nebraska)	450.00		
			1350.00
Psychology			
Glenn D. Higginson, <i>Assistant Professor</i>	\$ 466.66		
F. C. Dockeray, <i>Professor</i> (Ohio Wesleyan University)	700.00		
			1166.66

¹Also \$400 from Education.

Romance Languages		
Thomas E. Oliver, <i>Professor</i>	\$ 833.33	
Arthur Hamilton, <i>Assistant Professor</i>	500.00	
Thomas R. Palfrey, <i>Associate</i>	533.33	
Margie Burks, <i>Assistant</i>	250.00	
Marina Briones, <i>Assistant</i>	250.00	
Suzanne E. Kissel, <i>Assistant</i>	250.00	
John Alexander, <i>Assistant (one-half time)</i>	133.33	
Violet D. Gardner, <i>Assistant (one-half time)</i>	133.33	
	<hr/>	2883.32
Sociology		
D. R. Taft, <i>Professor</i>	\$ 833.33	
W. R. Tylor, <i>Associate</i>	416.66	
M. H. Krout, <i>Assistant</i>	333.33	
Theodore Abel, <i>Assistant Professor</i>	550.00	
	<hr/>	2133.32
Zoology		
H. J. Van Cleave, <i>Associate Professor</i>	\$ 733.33	
R. R. Kudo, <i>Assistant Professor</i>	500.00	
L. F. Edwards, <i>Instructor</i>	383.33	
_____ , <i>Assistant</i>	250.00	
_____ , <i>Assistant (part time)</i>	150.00	
	<hr/>	2016.66
Journalism		
Lawrence W. Murphy, <i>Associate Professor (one-half time)</i>	\$ 416.66	
Reuel R. Barlow, <i>Assistant Professor (two-thirds time)</i>	333.33	
	<hr/>	749.99
Business Organization and Operation		
P. D. Converse, <i>Associate Professor</i>	\$ 708.33	
C. H. Fernald, <i>Assistant Professor (one-half time)</i>	300.00	
L. E. Kline, <i>Instructor (one-half time)</i>	233.33 ¹	
O. W. Cagann, <i>Instructor</i>	300.00	
	<hr/>	1541.66
Accountancy		
A. C. Littleton, <i>Associate Professor</i>	\$ 791.66	
E. L. Theiss, <i>Assistant Professor (one-half time)</i>	333.33	
G. G. Fullerton, <i>Instructor</i>	333.33	
	<hr/>	1458.32
Business Law		
E. R. Dillavou, <i>Assistant Professor (one-half time)</i>	291.66	291.66
Economics		
C. M. Thompson, <i>Dean, Professor (one-half time)</i>	\$ 450.00	
M. H. Hunter, <i>Associate Professor</i>	791.66	
Edward Berman, <i>Assistant Professor</i>	500.00	
B. F. Catherwood, <i>Instructor</i>	300.00	
I. B. Phillips, <i>Assistant</i>	266.66	
L. E. Kline, <i>Instructor (one-half time)</i>	233.33 ²	
K. D. Luney, <i>Assistant (one-half time)</i>	125.00	
K. M. Scott, <i>Assistant</i>	266.66	
	<hr/>	2933.31
Theoretical and Applied Mechanics		
W. L. Schwalbe, <i>Associate</i>	\$ 433.33	433.33
Physics		
A. P. Carman, <i>Professor</i>	\$ 900.00	
E. H. Williams, <i>Assistant Professor</i>	550.00	

¹One-half salary from Economics.²One-half salary from Business Organization and Operation.

F. W. Cooke, <i>Assistant</i>	266.66
R. W. Tyler, <i>Assistant</i> (one-half time)	125.00
C. E. Ireland, <i>Assistant</i> (one-half time)	133.33
W. H. Sanders, <i>Instructor</i>	400.00
P. C. Ludolph, <i>Assistant</i> (one-half time)	125.00

2499.99

Athletic Coaching

(Six weeks curriculum)

C. L. Lundgren, <i>Professor</i>	\$ 675.00
H. L. Gill, <i>Associate</i>	675.00
J. C. Ruby, <i>Associate</i>	600.00
M. M. Olander, <i>Assistant Professor</i>	656.25
C. M. Voyles, <i>Instructor</i>	375.00
D. M. Bullock, <i>Assistant</i>	375.00
C. J. Wagner, <i>Associate</i>	400.00
R. C. Heidloff, <i>Instructor</i>	287.50
G. T. Stafford, <i>Assistant Professor</i>	500.00
S. C. Staley, <i>Associate Professor</i>	600.00
H. C. Paterson, <i>Assistant</i>	225.00
C. R. Griffith, <i>Associate Professor</i> (one-half time)	312.50 ¹
_____	262.50
_____	600.00
_____	600.00

7143.75

Education

C. E. Chadsey, <i>Professor of Education, Dean</i>	\$ 900.00
W. S. Monroe, <i>Professor</i>	900.00
J. A. Clement, <i>Professor</i>	833.33
H. G. Paul, <i>Professor</i>	833.33
H. H. Foster, <i>Professor</i> (Beloit College)	800.00
E. B. Lytle, <i>Assistant Professor</i> (two-thirds time)	400.00 ²
C. R. Griffith, <i>Associate Professor</i> (two-fifths time)	333.33 ³
Cornelius Krusé, <i>Professor</i> (Wesleyan University) (one-half time)	400.00 ⁴
H. W. Nutt, <i>Professor</i> (Ohio Wesleyan University)	600.00
O. F. Weber, <i>Associate</i>	500.00
E. W. Dolch, <i>Associate</i>	433.33
G. W. Reagan, <i>Associate</i>	450.00
F. C. Hood, <i>Instructor</i>	416.66
W. W. Peters, <i>Instructor</i>	333.33
S. M. Corey, <i>Assistant</i>	266.66
E. F. Potthoff, <i>Instructor</i>	450.00
Maude Etheredge, <i>Associate Professor</i> (two-fifths time)	266.66
Liesette McHarry, <i>Instructor</i>	316.66
A. W. Nolan, <i>Associate Professor</i>	666.66

10,099.95

Industrial Education

A. B. Mays, <i>Professor</i>	\$ 750.00
H. H. Braucher, <i>Associate</i>	450.00

1200.00

Music

F. B. Stiven, <i>Director, Professor</i>	\$ 900.00
H. W. Baltz, <i>Instructor</i>	333.33
Velma I. Kitchell, <i>Instructor</i>	291.66
F. T. Johnson, <i>Associate</i> (two-thirds time)	300.00
H. J. van den Berg, <i>Associate Professor</i> (one-half time)	291.66

2116.65

¹Also \$333.33 from Education.²\$200 from Mathematics.³\$312.50 from Athletic Coaching.⁴\$400 from Philosophy.

Law

Sveinbjorn Johnson, <i>Professor</i> (part time).....	\$ 630.00	
George W. Goble, <i>Professor</i> (part time).....	630.00	
Merrill I. Schnebly, <i>Professor</i> (part time).....	630.00	
	<u>1890.00</u>	

Library Science

_____, <i>Assistant Professor</i>	\$ 550.00	
_____, <i>Assistant Professor</i>	450.00	
Marie M. Hostetter, <i>Associate</i>	400.00	
Margaret A. Gramesly, <i>Instructor</i>	366.66	
Frances I. Ambuhl, <i>Instructor</i>	333.33	
Alice E. Daly, <i>Assistant</i>	250.00	
	<u>2349.99</u>	

Physical Education for Women

Carita Robertson, <i>Instructor</i>	\$ 366.66	
Ann Avery Smith, <i>Instructor</i>	333.33	
_____, <i>Instructor</i>	500.00	
_____, <i>Assistant</i>	250.00	
	<u>1449.99</u>	
Total	<u>\$74,176.22</u>	

On motion of Mrs. Evans, this recommendation was adopted, and authority was granted as requested.

At this point Mr. Walter T. Fisher entered the meeting and presented to President Armstrong a letter, which was not read to the Board but which President Armstrong stated was a personal letter addressed to Mr. Walter T. Fisher and signed by Len Small and stated that Mr. Fisher had been appointed a Trustee in place of Mrs. Anna Wilmarth Ickes, resigned. The oath of office having been administered by the Secretary, Mr. Fisher took a seat with the Board.

APPROPRIATION FOR DEPARTMENT OF ANIMAL HUSBANDRY

(3) On recommendation of Dean Mumford, I recommend that the excess of Animal Husbandry receipts from sales over the budget estimate for 1927-28, amounting to \$3,496.34, be appropriated to the department of Animal Husbandry, to be used for the publication of four manuscripts which the department has prepared as the result of its investigations of swine.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Dr. Noble, Mr. Small.

APPROPRIATION TO LAW LIBRARY

(4) On request of Dean Harno, I recommend that an appropriation of \$2,500 be made from the Reserve and Contingent Fund to the College of Law for additions to the Law Library.

On motion of Mrs. Busey, this appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Dr. Noble, Mr. Small.

APPROPRIATION FOR MEDICAL LIBRARY

(5) On request of the Library Committee of the College of Medicine for additional funds, and on recommendation of Director P. L. Windsor of the University Library, I recommend that an appropriation of \$2,450 be made from the Reserve and Contingent Fund to the College of Medicine for additions to the Medical Library.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Dr. Noble, Mr. Small.

APPROPRIATION FOR ARCHEOLOGICAL EXPLORATIONS

(6) Dr. Warren K. Moorehead, who has been in charge of our archeological explorations, requests an additional \$500 to complete the work on the Ogden-Dickson Mound near Lewistown.

I recommend that an additional appropriation of \$500 be made from the Reserve and Contingent Fund for this purpose.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Dr. Noble, Mr. Small.

ACADEMIC TITLES OF J. D. BILSBORROW AND J. C. SPITLER

(7) I recommend that the academic titles of Messrs. J. D. Bilsborrow and J. C. Spitzer in the Extension Service be changed to read in each case, "Assistant State Leader of Farm Advisers with the rank of Assistant Professor."

On motion of Mr. Barr, this recommendation was approved.

LEAVE OF ABSENCE FOR PROFESSOR B. SMITH HOPKINS

(8) On request of Professor B. Smith Hopkins of the Department of Chemistry, approved by Professor Roger Adams and Dean Babcock, I recommend that he be given a sabbatical leave of absence for one year, under the rules, arrangements as to time to be approved by the President of the University.

On motion of Mrs. Busey, this leave was granted.

ADVISORY COMMITTEE FOR THE DEPARTMENT OF CERAMIC ENGINEERING

(9) On nomination of the Illinois Clay Manufacturers Association and the Chicago Section of the American Ceramic Society, I recommend that the following be appointed as members of the Advisory Committee for the Department of Ceramic Engineering, to serve during the year 1929:

On nomination of the Chicago Section of the American Ceramic Society

WILLIAM SCHLAKE, President, Illinois Brick Company, 111 West Washington Street, Chicago.

H. J. LUCAS, General Manager, Northwestern Terra Cotta Company, 2525 Clybourn Avenue, Chicago.

W. E. LEVIS, Vice President and General Manager, Illinois Glass Company, Alton.

I. B. FRY, Vice President and General Manager, Coonley Manufacturing Company, Clyde.

J. A. DeCELLE, Manager, Chicago Hardware Foundry Company, North Chicago.

JOHN CLIFFORD, President, Chicago Pottery Company, 1924 Clybourn Street, Chicago.

On nomination of the Illinois Clay Manufacturers Association

F. W. BUTTERWORTH, Western Brick Company, Danville.

On motion of Mr. Trees, these appointments were made.

APPOINTMENT TO ADVISORY COMMITTEE OF THE COLLEGE OF AGRICULTURE

(10) On recommendation of Dean Mumford, I recommend that Mr. J. F. Ammann of Edwardsville be appointed as a member of the General Advisory Committee of the College of Agriculture to fill the vacancy caused by the resignation of Mr. Hans Jepsen.

On motion of Mrs. Evans, this appointment was made.

C.P.A. CERTIFICATES

(11) The Committee on Accountancy recommends, and I concur, that the following candidates who passed the November, 1928, examination for Certified Public Accountant, as certified by the Board of Examiners, be awarded the C.P.A. Certificate:

OGDEN ASHLEY	H. EVERETT OLSON
GILBERT BUTLER BROWN	HOWARD F. PRATT
JAMES DARRELL COON	GEORGE WILLIAM PRICE
SAM DAVIS	AMBROSE MATHIAS REITER
ALBERT RUSSELL GRIFFITH	ALBERT LEE RODERICK
CLYDE CASPER HALE	EVERETT EDGAR ROLL
EDWARD JOSEPH HOFFMAN	STANLEY REYNOLD SANDBERG
JOHN FREDRICK HUENI	DE FOREST W. SEYMOUR
BYRNE A. JACKSON	BENJAMIN BERNARD SILVER
FRANK EDWARD KOHLER, JR.	WALTER MASON SMITH
WILLIAM M. LAYMAN	SOL STANGLE
HYMAN EUGENE LEICHENGER	ARTHUR ROBERT STONE
RALPH ARTHUR MARTIN	HARRY LEONARD TRUGMAN
CHARLES ROBERT MILLER	JOHN ROWLAND WARD
A. ROBERT NELSON	CURTIS HOLGATE WILLEY
EDWARD J. NORMAN	CHARLES N. WILSON

On motion of Mr. Simpson, these certificates were awarded.

**AMENDMENT OF REGULATIONS GOVERNING THE
THOMAS J. SMITH SCHOLARSHIPS IN MUSIC**

(12) For some time it has seemed to me that our regulations governing the Smith Scholarships in Music might well be revised. After receiving the report of a Committee and studying the matter, I recommend that the following rules be adopted to replace the present regulations governing the scholarships:

THOMAS J. SMITH SCHOLARSHIPS IN MUSIC

Captain Thomas J. Smith of Champaign, Illinois, on September 17, 1914, conveyed to the Board of Trustees of the University of Illinois certain farm lands to aid in the construction of what is now the Tina Weedon Smith Memorial Building, with the further stipulation that the Board of Trustees shall grant annually in the University of Illinois four free scholarships in Music "for young women who may seek a musical education but who are unable to pay the customary charges for instruction in Music."

REGULATIONS

1. Applicants for original appointment must satisfy in full the entrance requirements of the University for the School of Music as stated in the University Register and must matriculate in that School for the semester immediately following their appointment.

2. Each applicant for original appointment to one of these scholarships shall present satisfactory evidence of promise in Music and of inability "to pay the customary charges for instruction in Music."

3. Each applicant shall submit an essay of not fewer than 250 words on some subject in music, chosen by herself, to show that she has adequate training in English composition.

4. These scholarships shall be awarded "by way of preference to candidates from Champaign County." In case the number of successful candidates from Champaign County is fewer than the number of available scholarships, the remaining scholarships may be awarded to candidates from other counties in Illinois. In case the number of acceptable applicants exceeds the available scholarships, the order of their appointment shall be determined by the Committee on Thomas J. Smith Scholarships in Music, on the basis of comparative promise in Music and of financial need.

5. These scholarships shall be good for one year and shall exempt the holders during this period from matriculation, incidental, and music fees. They may be renewed for one, two, or three years provided the scholars maintain at least an average grade of B in all subjects.

6. An annual assignment of these scholarships shall be made in September of each year by a committee of three appointed by the President, to be known as the Committee on Thomas J. Smith Scholarships in Music. Vacancies in the second semester may be filled by the Committee.

On motion of Mrs. Grigsby, these regulations were adopted.

SALE OF HOUSES ON SKATING RINK SITE ON FIFTH STREET

(13) On recommendation of the Supervising Architect I recommend that the two houses on the Fifth Street property, which is the site of the proposed skating rink to be built by the Athletic Association, be advertised for sale and sold to the best advantage possible by the Comptroller and that the net proceeds be turned over to the Athletic Association inasmuch as the land and houses were a gift to the University from the Association.

On motion of Mr. Barr, this recommendation was adopted.

RELEASE OF PATENT RIGHTS TO DR. H. C. KREMERS

(14) Dr. Harry C. Kremers, Assistant Professor of Chemistry, has developed the use of Misch metal as an electrolytic rectifier. Although there is no likelihood that the process will have any immediate commercial value, it appeals to him as worth controlling.

The Committee on Patents is of the opinion that the University is not interested in the patent and recommends that Dr. Kremers be permitted to take out the patent himself, if he chooses to do so.

I recommend that Dr. Kremer's discovery be released so far as the University is concerned and that he be permitted to file an application for a patent for the process.

On motion of Mrs. Evans, this recommendation was adopted.

**COOPERATIVE INVESTIGATION OF FATIGUE TESTS OF METALS
AT ELEVATED TEMPERATURES**

(15) On recommendation of the Dean of the College of Engineering, I recommend approval of an agreement with the Joint Research Committee of the American Society of Mechanical Engineers for a cooperative investigation of fatigue tests of metals at elevated temperatures, to be carried on in the Engineering Experiment Station. The agreement has been drawn for a period of one year from January 1, 1929, and the Joint Research Committee agrees to pay the University two thousand dollars to cover the expenses of the investigation.

The agreement is of the form and character authorized by the Board for cooperative investigations.

On motion of Mrs. Grigsby, this agreement was authorized.

**EXTENSION OF AGREEMENT FOR COOPERATIVE INVESTIGATION
OF CAST IRON PIPE**

(16) On recommendation of the Dean of the College of Engineering I recommend that the agreement entered into between the University and the Sectional Committee on Cast Iron Pipe (Minutes, October 12, 1927, page 473) for an investigation of cast iron pipe, which expired November 1, 1928, be extended to November 1, 1929.

On motion of Mr. Trees, this agreement was extended.

**EXTENSION OF AGREEMENT FOR COOPERATIVE INVESTIGATION
OF BOILER FURNACE REFRACTORIES**

(17) On recommendation of the Dean of the College of Engineering I recommend that the agreement entered into between the University and the Special Committee on Boiler Furnace Refractories of the American Society of Mechanical Engineers (Minutes, April 12, 1928, page 582) for an investigation of boiler furnace refractories, which expired November 1, 1928, be extended to November 1, 1929.

On motion of Mrs. Busey, this agreement was extended.

**ACCIDENT COMPENSATION FOR EMPLOYEES ENGAGED IN
COOPERATIVE RESEARCH PROJECTS
AND COMMERCIAL TESTS**

(18) Sometime ago I raised with the officers concerned the question of compensation for accidents of employees engaged in cooperative research projects and commercial testing, asking them to study the whole matter and report on a sound and proper

policy for the University to establish in such cases. This committee submits the following recommendations:

1. We recommend that the policy of the University in such cases should be the same as that adopted by the Board of Trustees on June 29, 1928, regarding the faculty in general when engaged in extra hazardous work, namely, that these persons be included in the scheme whereby compensation may be awarded in case of accident arising out of the employment.

2. We recommend that in all cases where a piece of work is undertaken under the conditions of a cooperative agreement, the cost of any compensation arising from accidents to employees engaged in this work be paid from the funds provided for the investigations.

3. It is impracticable to assume that each fund must individually stand responsible for any accidents that might occur within its field of work as a single accident might easily involve the total amount of the fund in some cases. No individual or organization would likely accept a contract in which such a provision was included. Consequently, we recommend that for the purposes of providing protection and of apportioning the cost equitably among all funds, liability insurance in the form of a group policy on all employees in cooperative research projects be taken out.

The expense of such a policy would be apportioned to the different funds in accordance with the ratio of their payrolls to the total payroll of all such funds. In this way the cost to each fund would be nominal. A preliminary estimate of the cost of this insurance gives an average of approximately \$2 per \$100 of the annual payroll. As the payroll represents at least 75 per cent of the total expense, the approximate burden would be $1\frac{1}{2}$ per cent of the total of each fund.

4. We recommend that in each cooperative research agreement hereafter entered into, the following paragraph be included:

It is agreed that there shall be purchased and maintained in force adequate liability insurance covering all persons at any time engaged in the research or investigation herein contemplated in case of accidental injury or death arising out of or in the course of such employment; and the cost of such liability insurance shall be paid from the funds provided by the party with whom contract is made.

5. A limited amount of commercial testing is done under the rules of the Board covering this subject. Such work is accepted only when it is of scientific value or facilities for doing it do not exist elsewhere. In the majority of cases, the work is assigned to members of the staff as a part of their University service and the University collects the charge made for the service. Occasionally the work is of such a nature that it is necessary to call on members of the staff to do it on their own time and give them permission to render a bill for their own services, a procedure which is authorized by our rules.

It is clear to us that work falling under the first group should be treated as University work and the University should assume any expense that might arise out of accidents resulting therefrom. We believe further that the University might probably do the same for the second class of work even though individual members of the staff may receive extra compensation therefor. They do this work at the request of the University and in the interest of the public service of the University and there would seem to be no practicable manner of otherwise placing the responsibility. It should be added that the amount of this kind of work is very small and is steadily diminishing.

Respectfully submitted,

M. S. KETCHUM
SVEINBJORN JOHNSON
W. L. BURLISON (acting for
Dean MUMFORD)
LLOYD MOREY

I concur in these recommendations and recommend that the above report be adopted as a policy to be followed by the University.

On motion of Mr. Trees, this recommendation was adopted.

CANCELATION OF DENTAL BUILDING BONDS

(19) The Comptroller reports that in accordance with the action of the Board of Trustees on November 16 (page 79) the sum of \$7,600 of first mortgage bonds on our Dental Building purchased from University funds and held in the Treasury has been canceled as of January 1, 1929.

This report was received for record.

GIFT FROM CHEMICAL FOUNDATION

(20) The Chemical Foundation has offered the University the sum of \$7,500 to be used in research on high pressure gas reactions. I have authorized acceptance of this offer.

This report was received for record.

GIFTS TO THE UNIVERSITY

(21) The K-G Welding and Cutting Company has donated to the Department of Mechanical Engineering a welding torch and a cutting torch and regulators, valued at approximately one hundred twenty-five dollars.

Mr. Charles D. Carey of Cheyenne, Wyoming, a jersey breeder who has been interested in our work in dairy husbandry, has given the Department of Dairy Husbandry a jersey bull calf.

Mead Johnson & Company of Evansville, Indiana, manufacturers of infant diet materials, have donated to the University \$5,300 for the establishment of a fellowship in the College of Medicine for a clinical study of irradiated ergosterol under the direction of Dr. Julius H. Hess. The Company acknowledges the regulations governing gifts to the University for research purposes, and agrees that its gift shall be subject to them.

The E. I. du Pont de Nemours and Company has renewed the du Pont fellowship in chemistry, amounting to \$750, for the academic year 1929-30.

This report was received for record.

C.P.A. REPORT

(22) The report of the Committee on Accountancy for the year ending June 30, 1928.

Dr. David Kinley, President

DEAR MR. PRESIDENT:

The University Committee on Accountancy respectfully submits herewith a report of its work for the year ended June 30, 1928.

PERSONNEL

The membership of the University Committee has been as follows: Professor M. H. Robinson, Chairman; Professor W. E. Britton; Registrar G. P. Tuttle, Secretary, *ex-officio*. Mr. D. A. Grossman, Examiner in the Registrar's Office, has served again as Clerk of the Committee.

Mr. Herbert Pope of Chicago was appointed in October, 1927, to succeed Mr. W. F. Dodd as a member of the Board of Examiners. The organization of the Board has been as follows:

Mr. Arthur Andersen, C.P.A., Chairman
Mr. Harold Benington, C.P.A., Secretary
Mr. Herbert Pope, LL.B.

EXAMINATIONS

Two examinations have been held during the year, one on November 17 and 18, 1927, and one on May 10 and 11, 1928. A total of 424 candidates sat at these two

examinations. Of these 61 were successful and have been awarded the certificate as follows:

<i>November, 1927</i>			
<i>Name</i>	<i>Certificate Number</i>	<i>Name</i>	<i>Certificate Number</i>
MILTON PANDELI BALDJI.....	748	HAROLD WILLIAM MCKENZIE.....	758
WILLIAM HENRY BAMBERG.....	749	WILLIAM V. MARSHALL, JR.	759
MARION ROY BEEMAN.....	750	GAIL A. MILLS.....	760
GEORGE EDWARD BENSON.....	751	ANTHONY WILLIAM NELSON.....	761
GARRETT THOMAS BURNS.....	752	LOUIS SAMELS.....	762
RAYMOND LOUIS GERDES.....	753	ABRAHAM SILVERTRUST.....	763
RAYMOND HENRY GIESECKE.....	754	AUBREY EGBERT SWANSON.....	764
ERWIN LAMPE.....	755	JOHN LEWIS TAYLOR.....	765
JOHN D. MCCALL.....	756	RALPH WILLIAM TURNBULL.....	766
CHARLES FRANCIS MCGARRY.....	757		

<i>May, 1928</i>			
<i>Name</i>	<i>Certificate Number</i>	<i>Name</i>	<i>Certificate Number</i>
EDWARD BASOFIN.....	767	LYALL RICHMOND JOHNSTON.....	789
HARRY B. BERNFIELD.....	768	DAVID JONES.....	790
JOHN MARTIN BIGGINS.....	769	NORMAN WILLIAM KURZ.....	791
FREDERICK EDWIN BURNHAM.....	770	RAYFORD W. LEMLEY.....	792
JACK A. COTTLE.....	771	MORRIS W. NEEDLMAN.....	793
PAUL BERNARD CURRIER.....	772	JAMES FULLER NIGH.....	794
GEORGIA EVELYN DAVIS.....	773	MORTIMER RAPHAEL ODERMATT.....	795
WENDELL CLARK DAVIS.....	774	JOSEPH FRANCIS O'GRADY.....	796
ROGER FIELDER DICKINSON.....	775	RALPH JAMES OWENS.....	797
FRANCIS JAMES DWYER.....	776	BENTON WIRT POWELL.....	798
MARTIN EVERETT FINNEY.....	777	MAX ALFRED ROESLER.....	799
GREER GILBERT FULLERTON.....	778	HARRY SCHNEIDER.....	800
WILLIAM GARDNER.....	779	EVERMONT HENRY SCHUCK.....	801
LEO JOSEPH GOLDEN.....	780	WILLIS W. SIMS.....	802
ROBERT HAROLD GOWENS.....	781	WALTER MARVIN SMITH.....	803
PHILIP BAY HELLER.....	782	ELMER LAWRENCE SUTHERLAND.....	804
DONALD JAY HORNBERGER.....	783	CARL MORRIS TANDY.....	805
GEORGE HULING.....	784	JAMES STEELE WALLACE.....	806
HARRY EDWARD JAHNKE.....	785	ABRAHAM H. WEISS.....	807
HENRY IRVING ROCKWELL JENKS.....	786	MARSHALL MAURICE WHITCOMB.....	808
DONALD RICHARD JENNINGS.....	787	WILLIAM HENRY YATES.....	788

FINANCIAL STATEMENT

The balance on hand at the beginning of the present fiscal year was \$19,103.17. The receipts for the year were \$9,825.00. The total disbursements were \$5,875.93. The balance in the fund at the close of the fiscal year as appearing on the Business Office books was \$23,052.24.

A complete financial statement for the year is attached.

Respectfully submitted,

MAURICE H. ROBINSON, *Chairman*

G. P. TUTTLE, *Secretary*

University Committee on Accountancy

**COMMITTEE ON ACCOUNTANCY FINANCIAL STATEMENT
JULY 1, 1927, TO JUNE 30, 1928**

<i>Receipts</i>		
Business Office Balance, July 1, 1927.....		\$19,103.17
Examination Fees.....	\$10,000.00	
Less refunded fees.....	260.00	
		9,740.00
Sale of Questions.....	76.25	
Less loss on bad check.....	1.25	
		75.00
Fees for duplicate certificates.....		10.00
<i>Total Receipts</i>		\$28,928.17
<i>Expenses</i>		
Payment to Board of Examiners and American Institute.....	\$ 2,327.71	
Stenographic and Clerical.....	1,989.10	
Printing and Publication.....	851.08	
Travel.....	245.76	
Office Supplies and Equipment.....	130.05	
Postage.....	147.00	
Advertising.....	118.20	
Telephone, Telegraph, Freight and Express	36.98	
<i>Total Expenditures</i>		\$ 5,845.88
Add Incumbrances Outstanding June 30, 1928.....		30.05
<i>Total Expenses</i>		\$ 5,875.93
<i>Balance on Hand, June 30, 1928</i> (Business Office Records).....		\$23,052.24

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(23) The following report from the Comptroller of contracts and purchase orders executed since the last report, amounting to \$1,000 or more.

*CONTRACTS EXECUTED BY THE COMPTROLLER DECEMBER 6,
1928, TO JANUARY 4, 1929*

Miscellaneous contract executed under general regulations.

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Nelson Concrete Culvert Co.	\$6 106	November 17, 1928	Tile roof on Dairy Barns

Lease contract executed under special authorization of the Board of Trustees in meeting, December 11, 1928, page 96.

<i>Leased from</i>	<i>Property</i>	<i>Rental</i>	<i>Date</i>	<i>Tenure</i>
American Can Co.	Can Closing Machine	\$1.00 a year plus \$14.00 insurance	November 30, 1928	December 31, 1928, to December 31, 1931

Contract executed under special authorization of the Board of Trustees in meeting, November 16, 1928, page 87.

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
A. W. Stoolman	\$2 914 80	November 27, 1928	Excavation and concrete work for Horticulture Greenhouse Addition

Contracts executed under special authorization of the Board of Trustees in meeting, December 11, 1928, pages 94-6.

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Rogers Printing Co.	\$6 800	December 22, 1928	Printing and Binding Annual Register
Clay Products Association of Chicago	6 000	December 18, 1928	Cooperative investigation of Clay Sewer Pipes
Clay Products Association of Chicago	2 000	December 18, 1928	Study of jointing materials for Clay Sewer Pipes

LLOYD MOREY
Comptroller

**PURCHASE ORDERS ISSUED IN DECEMBER AMOUNTING
TO \$1000 OR MORE**

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
Mechanical Engineering	Rockford Machine Tool Company	Shaper, Motor, etc.	\$1849.00	Quoted
Mechanical Engineering	Brown & Sharp Mfg. Co.	Milling Machine	3119.00	Quoted
Bacteriology	American Professions Supply Company	Microscopes	2336.97	Competitive
Physical Plant	Peabody Coal Company	Coal	1087.50	Quoted ¹
Physical Plant	Reliable Coal & Mining Company	Coal	1050.00	Quoted ¹
Supervising Architect	James B. Clow & Son	Plumbing Fixtures	1281.02	Quoted
Physical Plant	Reliable Coal & Mining Co.	Coal	1350.00	Quoted ¹
Museum of Natural History	Remington Rand Business Service	Floor and wall cases	2477.00	Quoted ¹
Physical Plant	Electric Coal Company	Coal	3200.00	Quoted ¹
General Chemical Stores	General Chemical Company	Chemicals	1144.25	Quoted

¹Arranged by Mr. J. A. Morrow.

H. M. EDWARDS

Purchasing Agent

This report was received for record.

FEE FOR CERTAIN COURSES IN FRENCH AND SPANISH

(24) On recommendation of the Acting Head of the Department of Romance Languages, the Dean (also the Provost in this case), and the Comptroller, I recommend that a fee of fifty cents per semester be established for students registered in French 25 and Spanish 25 (courses for teachers, on methods of teaching French).

On motion of Mrs. Evans, these fees were approved.

**ACCIDENT COMPENSATION FOR MEMBERS OF FACULTY ENGAGED
IN EXTRA HAZARDOUS EMPLOYMENT**

(25) At the meeting of June 29, 1928 (Minutes, pages 751-3), the Board extended the policy of compensation for accidents to members of the faculty who may be injured when actually within the scope of their duties engaged in employment which by fair and reasonable construction can be regarded as extra hazardous. Since that meeting I have made inquiry and asked the opinions of the Deans, Directors, and other officers of the University to determine what courses of study and what classes of work might be so regarded. The opinions I have received indicate that so many courses of study and the work of so many departments involve some element of hazard, that it is difficult to draw distinctions. In view of these circumstances, I recommend that no special list of courses or departments be approved as coming within this extended policy, but that each case of accident be considered on its merits.

On motion of Mr. Trees, this recommendation was adopted.

LOCATION OF ALMA MATER GROUP

(26) A statement concerning the location for the Alma Mater group by Mr. Lorado Taft, which was referred to a special committee.

The committee was asked to renew its consideration of this matter and to report at the February meeting of the Board.

BEHAVIOR INSTITUTE

Mr. Trees, for the Special Committee to meet with representatives of the Trustees of the Behavior Institute (Minutes, November 16, 1928, page 86) made the following report.

Your committee appointed to make a recommendation concerning the request of the Trustees of the Institute of Behavior for certain cooperative action, recom-

mends the adoption of the following statement as the sense of the Board and its transmission to the Trustees of the Behavior Institute as your reply:

The Board of Trustees of the University of Illinois have studied as fully as they could the request of the Trustees of the Behavior Institute, have viewed the matter from all suggested points of view, and, remembering the relation of the Institute of Juvenile Research to the Research and Educational Hospitals, set forth in the agreement between the Department of Public Welfare and the University, as originally recommended by Dr. Herman Adler and others, and remembering also the wide scope of the field of juvenile research, regret that at the present time they do not see their way clear to commit themselves on the matter submitted to them by their distinguished and respected fellow citizens, the Trustees of the Institute of Behavior.

On motion of Mr. Trees, this report was adopted.

BOOTH-ST. LOUIS BONDS

Mr. Trees, for the Finance Committee, reported that the Booth-St. Louis Cold Storage bonds have not been sold as authorized (page 97) because of the improved position of these securities, and recommended that the action of December 11, 1928 (page 97), ordering the sale of these bonds be rescinded.

On motion of Mr. Trees, this recommendation was adopted.

ELECTRICAL ENGINEERING SOCIETY LOAN FUND

Mr. Trees, for the Finance Committee, made the following report:

The Comptroller reports that pursuant to the action of the Board of Trustees on October 13, 1928 (page 45), accepting the offer of the Electrical Engineering Society of the University to establish a Student Loan Fund with money which the Society has made on the electrical shows, the Society turned over to him the sum of \$2,600 in United States bonds which have been deposited with the Treasurer of the University. He requests authority for the sale of these bonds at the market to make the Fund available to students in accordance with the provisions of the gift. I recommend that he be authorized to sell these securities as funds for these loans are needed.

On motion of Mr. Trees, this report was adopted.

TRUST FUND INVESTMENTS

Mr. Trees, for the Finance Committee, made the following recommendation:

The Finance Committee recommends that the Board of Trustees authorize and direct the Treasurer of the University to sell the securities shown on Schedule A attached.

MERLE J. TREES
MARY E. BUSEY

SCHEDULE A

BONDS LISTED BY BOTH HARRIS TRUST AND SAVINGS BANK AND ILLINOIS MERCHANTS AS NOT LEGAL FOR TRUST FUNDS IN ILLINOIS

(Purchased by Board of Trustees)

Security	Par Value	Book Value	Cost	Approximate Market	
				Rate	Total
American Telephone and Telegraph, 5%, 1946	\$ 4 500 00	\$ 4 598 28	\$ 4 642 50	104 $\frac{3}{4}$	\$ 4 691 25
Baltimore and Ohio R. R. Co., 4%, 1946	15 000 00	13 872 50	13 872 50	94	14 100 00
Chicago Union Station, 5%, 1944	13 000 00	13 323 85	13 332 00	102 $\frac{1}{2}$	13 325 00
Commonwealth Edison Co., 5%, 1953	5 000 00	5 086 50	5 097 50	105	5 250 00
Federal Land Bank of Houston, 4 $\frac{1}{2}$ %, 1942	1 000 00	980 00	980 00	99 $\frac{3}{4}$	997 50
Federal Land Bank of Wichita, 4 $\frac{1}{2}$ %, 1943	2 000 00	2 010 88	2 015 00	100	2 000 00

First Trust Joint Stock Land Bank of Chicago, 4 $\frac{1}{4}$ %, 1954/34.....	1 000 00	997 50	997 50	101	1 010 00
Illinois Bell Telephone Co., 5%, 1956.....	7 000 00	7 363 00	7 370 00	105	7 350 00
Illinois Central R. R. Co., Chicago, St. Louis and New Orleans R. R. Co., 4 $\frac{1}{2}$ %, Series C 1963.....	8 000 00	7 780 00	7 780 00	97 $\frac{1}{2}$	7 800 00
Louisville Gas and Electric Co., 5%, 1952.....	8 500 00	8 853 76	8 868 75	103 $\frac{3}{4}$	8 818 75
Missouri Pacific R. R. Co., 5%, Series F 1977.....	8 000 00	8 146 47	8 150 00	100	8 000 00
New York Edison Co., 5%, 1944.....	8 000 00	8 412 50	8 440 00	105 $\frac{1}{4}$	8 420 00
New York Telephone Co., 4 $\frac{1}{2}$ %, 1939.....	16 000 00	16 065 56	16 068 75	101	16 160 00
Northern States Power Co., 5 $\frac{1}{2}$ %, 1950.....	2 000 00	2 000 00	2 000 00	102	2 040 00
Public Service Co. of Northern Illinois, 5%, 1956.....	1 000 00	890 00	890 00	103	1 030 00
Western Union Telegraph Co., 5%, 1951.....	5 000 00	5 105 28	5 110 00	103	5 150 00
	\$105 000 00	\$105 486 08	\$105 614 50		\$106 142 50

On motion of Mr. Trees, this report was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Dr. Noble, Mr. Small.

Mr. Trees, for the Finance Committee, presented the following recommendation:

The Finance Committee recommends that the Board of Trustees authorize and direct the Treasurer of the University to purchase from the proceeds of the bonds authorized to be sold today, securities to be distributed among the ten issues shown on Schedule B attached.

MERLE J. TREES
MARY E. BUSEY

SCHEDULE B INVESTMENT RECOMMENDATIONS

ILLINOIS MERCHANTS TRUST COMPANY

Approximate Amount	Name	Rate	Maturity	Approximate Price
\$ 10 000	Appalachian Power Company, First.....	5	1941	101
5 000	Des Moines Electric Company, First.....	5	1938	101 $\frac{1}{2}$
5 000	West Penn Power Co., First Series A.....	5	1946	102 $\frac{3}{4}$

HARRIS TRUST & SAVINGS BANK

10 000	Atchison, Topeka and Santa Fe Railway, Rocky Mountain Division, First.....	4	1-1-65	92 $\frac{1}{2}$
10 000	Chicago Union Station Company, First.....	4 $\frac{1}{2}$	7-1-63	100 $\frac{1}{4}$
10 000	Cleveland Electric Illuminating Company, First.....	5	4-1-39	103 $\frac{3}{4}$
10 000	Commonwealth Edison Company, First....	5	6-1-43	106 $\frac{1}{4}$
10 000	Illinois Central Railroad Company, Western Line, First.....	4	8-1-51	93 $\frac{1}{2}$
10 000	San Diego Consolidated Gas and Electric Co., First.....	5	3-1-39	103 $\frac{3}{4}$
10 000	Swift & Company, First.....	5	7-1-44	102 $\frac{3}{4}$

On motion of Mr. Trees, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Dr. Noble, Mr. Small.

RECOGNITION OF GIFTS

Mr. Trees, for the Special Committee to consider the form of recognition of gifts to the University, made the following report:

After careful study of the matter and, especially, inquiry into the practice of certain other institutions, it is the opinion of your committee that it would be inadvisable to initiate the practice of commemorating gifts with bronze tablets to be affixed on the walls of University buildings. The reasons are these:

1. They will become so numerous as to become common and will occupy too

much wall space. In our own case, if we initiate the practice, we should, in the first instance, provide a dozen or more tablets.

2. This method does not call the matter as fully to the attention of people interested as some other method. The tablets are seen only by a few students, a few members of the faculty, and the occasional visitor. Therefore, it is neither widely commemorative nor widely suggestive.

3. The method is unduly expensive.

Other methods followed in many institutions are these:

1. Due acknowledgment by the Board of Trustees and printing in the minutes.

2. Acknowledgment in the President's Annual Reports.

3. Acknowledgment at Commencement time.

4. Acknowledgment through the newspapers at the time of the gift and, in some cases, on those occasions when the prizes, loans, fellowships, etc., are awarded.

5. A special pamphlet, perhaps year by year or occasionally, enumerating the gifts to the University with due acknowledgment of their source. Such pamphlets get wide circulation.

It seems to your committee that acknowledgment written in the minutes of the Board, in the President's Reports, in the Catalogue, are all good. These methods are followed by the University at present. In addition, your committee is of the opinion that it would be well to publish occasionally, at the discretion of the President of the University, a pamphlet or booklet giving a brief account of these gifts with due acknowledgment and appreciation.

On motion of Mr. Trees, this report was adopted.

BONDS ON DENTISTRY BUILDING

Mr. Trees, for the Finance Committee, recommended that no action be taken with respect to the proposed cancelation of bonds of the College of Physicians and Surgeons, on the Dentistry Building, purchased with and held for University trust funds (page 79).

On motion of Mr. Trees, this recommendation was adopted.

IMPROVEMENT OF STREETS

Mr. Barr, for the Committee on Buildings and Grounds, made the following report:

We recommend that the Board of Trustees oppose the opening of any additional streets through the University Campus, but that the Board adopt a policy that will favor its cooperation with the Twin Cities in the widening and improvement of streets adjoining to and around the campus, as well as the widening and improvement of Springfield and University Avenues.

GEORGE A. BARR
MERLE J. TREES
HELEN M. GRIGSBY

On motion of Mr. Barr, this recommendation was adopted.

LETTER FROM MRS. ICKES

President Armstrong read a letter from Mrs. Anna Wilmarth Ickes, expressing her regret at the severance of her connection with the Board.

On motion of Mrs. Evans, the President of the Board was requested to express to Mrs. Ickes the regret of the Board for her resignation, and its pleasure at her promise to continue her support of the University in the General Assembly.

DATE OF FEBRUARY MEETING

On motion of Mr. Trees, the date of the February meeting was set for Wednesday, February 20, 1929, at 9:30 a.m. at the Blackstone Hotel, in Chicago.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record the following list of appointments made by the President of the University:

Beard, Hallard, Assistant Professor of Ophthalmology, in the College of Medicine, on one-half time, for eight months beginning January 1, 1929, at a cash compensation at the rate of one hundred thirty-three dollars thirty-three cents (\$133.33) a month. (January 3, 1929)¹

Dale, Maurice Louis, Instructor in Pediatrics, in the College of Medicine, for six months beginning January 1, 1929, at a cash compensation at the rate of two hundred dollars (\$200) a month. (January 5, 1929)

Daniels, Marcell Deets, Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, in the College of Engineering, for two years beginning February 1, 1929, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 3, 1929)

DeVol, Beatrice Eleanor, Research Assistant in the Bureau of Business Research, in the College of Commerce, beginning December 1, 1928, and continuing until August 15, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (December 14, 1928)

DuBois, Franklin Smith, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for six months beginning January 1, 1929, at a cash compensation at the rate of thirty-seven dollars fifty cents (\$37.50) a month. (December 14, 1928)

Kaplan, Bertha, Instructor in Medicine, in the College of Medicine, for eight months beginning January 1, 1929, at a cash compensation at the rate of one hundred eighty-three dollars thirty-three cents (\$183.33) a month. (January 5, 1929)

Small, Lucile, Clerk and Stenographer in the Department of Administration, in the College of Engineering, for eight months beginning January 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (December 31, 1928)

Toriello, Lawrence Anthony, Photographer in the department of Medical and Dental Illustration, in the College of Medicine, for eight months beginning January 1, 1929, at a cash compensation at the rate of one hundred eighty-three dollars thirty-three cents (\$183.33) a month. (December 31, 1928)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

February 13, 1929



The February meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Wednesday, February 13, 1929.

When the Board convened, the following members were present: President Armstrong, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of January 9, 1929. On motion of Mrs. Evans, the minutes were approved as printed on pages 101 to 125 above.

EXECUTIVE COMMITTEE MEETING, JANUARY 28, 1929

The Secretary presented for record minutes of a meeting of the Executive Committee.

A meeting of the Executive Committee of the Board was held in Chicago on Monday, January 28, at 5:20 p.m. There were present President J. W. Armstrong, Mrs. Laura B. Evans, and Mr. Merle J. Trees. President Kinley also was present. The following matters were presented by the President of the University and acted on:

(1) Recommendation that Professor W. B. McDougall be granted leave of absence on half pay for the rest of the year. Moved by Mr. Trees that the recommendation be approved and it was approved unanimously.

(2) For convenience in shipping property and keeping accounts relating to the same, the War Department has requested that the Board designate some one as Military Property Custodian. I recommend that this title be created and assigned to the officer designated to receive property from the War Department and correspond with the Department with regard to the same, and that the President of the University be authorized to designate as Military Property Custodian either the Comptroller of the University or the Professor of Military Science and Tactics or some other University officer, as after further inquiry appears expedient. It was moved by Mrs. Evans that the recommendation be approved; that the title of Military Property Custodian be created; and that the President of the University be authorized to designate the proper University officer to act as such. The motion was carried unanimously.

(3) On request of Dean Mumford, I recommend that Victor M. Cain be appointed Chief Clerk in Agricultural Administration at a salary of \$150 per month, effective January 1, 1929, and that his salary be provided for by a transfer of the necessary amount from the wages allotment of the present fiscal year to the salary budget of Agricultural Administration. It was moved by Mr. Trees that the President's recommendation be approved and the motion was unanimously carried.

(4) On request of the Head of the Department of Physiology in the College of Medicine, approved by Dean Davis, I recommend that an appropriation of \$400 be made from the Reserve and Contingent Fund to meet the expense of additional instruction in physiology for students in the College of Dentistry, necessitated by a change in the curriculum which makes it necessary to teach physiology this academic year to both the second and third year students. It was moved by Mrs. Evans that the recommendation be approved and the motion was unanimously carried.

J. W. ARMSTRONG
MERLE J. TREES
LAURA B. EVANS

At this point, Dr. Noble took his place with the Board.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

FEBRUARY DEGREES

(1) I submit herewith a list of candidates recommended by the University Senate on February 11 for degrees in February, and request authority to confer these degrees and issue the diplomas correspondingly.

GRADUATE SCHOOL**Degree of Master of Arts**

In Architecture

HARLEY JAMES MCKEE, B.S., 1926
KEITH GRAHAM REEVE, B.S., 1925

In Botany

JACQUES PIERRE FRANCOIS SELLSCHOP, B.S., M.S., Kansas State Agricultural College, 1927, 1928

In Economics

GARRET LOWELL JORDAN, B.S., Purdue University, 1922

In Education

RUSSELL LOWELL GUIN, A.B., Ohio Wesleyan University, 1913
 ROY EARL MCAFOOS, B.S., 1923
 LEE DECATUR PIGOTT, A.B., James Millikin University, 1921

In English

LEWIS ROCKMORE LOWE, A.B., Oberlin College, 1925
 MARY CRAWFORD, B.E., Illinois State Normal University, 1926
 GRACE DANFORTH, B.S., 1925

In German

JOHN WILLIAM KURTZ, A.B., Wartburg College, 1927

In History

MARGARET SNELL CASNER, A.B., 1927

In Romance Languages

SISTER MARY CONSTANTIA FOX, A.B., Mount St. Joseph College, 1924

In Zoology

DANIEL PAUL QUIRING, A.B., Oberlin College, 1917

Degree of Master of Science

In Agronomy

ETHAN ARLO NORTON, B.S., 1920
 CHARLES BAKER SHUMAN, B.S., 1928

In Botany

ROY MERRIDITH SALLEE, B.E., Western Illinois State Teachers' College, 1923

In Chemistry

TSI YU KAO, B.S., University of Washington, 1927
 JOHN EUGENE WHITTENBERG, B.S., 1925

In Civil Engineering

FUK LING CHAO, B.S., Tokyo Imperial University, 1927

In Education

GEORGE ENOCH VAN DYKE, B.S., 1926
 CLAUDE EDWARD VICK, B.S., 1925

In Electrical Engineering

ARTHUR WILLIS HERSHEY, B.E.E., Ohio State University, 1925
 CARL ERIC SKRODER, B.S., Worcester Polytechnic Institute, 1921

In Entomology

HERBERT HOLDSWORTH ROSS, B.S., University of British Columbia, 1927

In Horticulture

RICHARD LACEY McMUNN, B.S., 1925
 JAMES STREATOR POTTER, B.S., 1927

In Mechanical Engineering

RICHARD ERNEST GOULD, B.S., 1923

In Pharmacology

PAUL LEON EWING, A.B., Milton College, 1926

In Theoretical and Applied Mechanics

CLIFFORD HARRY SPRINGER, B.C.E., Ohio State University, 1917

Degree of Doctor of Philosophy

In Agronomy

HERBERT ARTHUR LUNT, B.S., Oregon State Agricultural College, 1922; M.S., State College of Washington, 1923

In Chemistry

ALBERT LAWRENCE ELDER, A.B., M.S., 1923, 1925

GEORGE RAY SHERWOOD, A.B., University of Indiana, 1922; A.M., 1925

In Economics

LOUIS OMAR FOSTER, B.S., M.S., 1923, 1924

In Education

MARION EUGENE HERRIOTT, Ph.B., University of Chicago, 1921; A.M., University of Missouri, 1923

SEWARD CHARLE STALEY, B.P.E., Springfield Y.M.C.A. College, 1917; A.M., Clark University, 1920

In Entomology

GEORGE EDWARD KING, B.S., Utah Agricultural College, 1918

In Romance Languages

ARABELLA LORRAINE PIERSON, A.B., A.M., Transylvania College, 1916, 1917; A.M., University of Chicago, 1922

In Mathematics

EDWIN DUBOSE MOUZON, A.B., Southern Methodist University, 1920

In Pharmacology

HAROLD NORRIS ETS, B.S., University of Rochester, 1920; M.S., 1923

In Political Science

CHARLES SHANG HYNEMAN, A.B., A.M., University of Indiana, 1923, 1925

In Zoology

RALPH DURHAM BIRD, B.S., M.S., University of Manitoba, 1924, 1926

WILBUR MARSHALL LUCE, B.S., Bates College, 1924; M.S., 1926

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

HELEN ADAMS, with Honors in French

MAUDE ADAMS

WALTER E ANDERSON

BIRDIE ARBUTHNOT

AILEEN ASHBROOK

MORRIS BLANK

JOHN WESLEY CELL

MARY PEARL DODDS, with Honors in French

MARGARET ROSE DUTOUR

MRS. ELIZABETH SMITH EDWARDS

HELEN BESS FINCH

XENIA AILEEN FOUTS

ABE MARVIN GETZ

FRANCES MARY GRENLEY

PAULINE HALL, with Honors in Zoology

ZELO ESTELENE HAMPTON

VIRGINIA RICHMOND HANNA

BERNICE LORAIN HARRIS

PRINCESS ENOLA HILL

FRANCES ELEANOR DENNIS JENKS

CHARLES LEOPOLD KAUFMANN

HARLEY WALTER KIDDER

MARION JESSIE KINCAID

MARJORIE LANG, with Honors in Mathematics

FLORENCIO TUMANENG LUCAS

ELSIE DOROTHY GERDES McCORMICK

JAMES DUNCAN MCKINLAY

LILLIAN A MARR

SUZANNE BURKHALTER MEYER

MARIE LOUISE QUERNHEIM

RALPH CARL RENO

FRED CHARLES RICHMOND

RALPH CHRISTOPHER ROESKE

FRANK JOSEPH SCHWARTZ, with Honors in History

CHARLES AINSWORTH SPEARS

LYLE FRANKLIN STEWART

DEAN PROCTOR STONE

JOHN SYDNEY TAYLOR

ROBERT LOUIS TENNEY

IRMA MARIE VRBA

In Home Economics

INEZ MABEL CLEM

MAURINE ELIZABETH TAYLOR

Degree of Bachelor of Science

In Liberal Arts and Sciences

ROBERT WYLLIE WORK

G TOLAND PFEIFER

In Chemistry

JAMES ALBERT RAYNOLDS, with High
Honors in ChemistryALAMJIT DHALIWAL SINGH
WALTER HERBERT WRIGHT

In Chemical Engineering

BERNARD MAX BERGER
ALVIN EMGELSTEINJAMES RICHARD LONG
WILLIAM DAVID PARRISH**COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION****Degree of Bachelor of Science**

In Accountancy

CHESTER ANDERSON

WILBUR DE FORREST KNIGHT

In Banking and Finance

EVERETT RAYMOND FOX

In General Business

CLIFFORD LAWRENCE AHRENS
EDWARD DANIEL BARRETT
CORNELIUS JAMES BYRNE
YUAN HSIANG CHAO
DAVID GILES DURHAM
LEO MILTON FISHER
GEORGE HERBERGERRALPH INGVAR HERUD
JOSEPH RICHARD JEFFREY
JOHN THEODORE KORB
OMER CLARE LEE
DON WILLIAM MCCULLOUGH
ARTHUR AARON ROSENFELD
SAM WASSERMAN

In Industrial Administration

HENRY BERNHARD EWERT

CARL HUBERT FREDERICK

In Railway Transportation

PING-NAN WANG, with High Honors

COLLEGE OF EDUCATION**Degree of Bachelor of Science**

In Education

OMAR DALE ALCORN
LOUISE PAULINE BIDWELL
ALICE KNOX BROWN
KESTON JOHN DEIMLING
JAMES MILTON EWING
FLORENCE MAY FLETCHER
CHARLES ARTHUR HODGE
MARTHA ELIZABETH HURSH
MARGARET HEDWIG JOHNSON
VERA KIRKPATRICK WOOLFORDJULIA MCGOWAN
MORTON B MCQUERRY
VICTOR THEODORE MAUTON
ILA ALLEN MOODY
OLIVE LONGSTREET NEWELL
ALICE MARGARET PETERSON
ALVA MERLE SHROUT
MAE STROHECKER
VIRGINIA HOLLISTER SWARTZ
GEORGE ERNEST VORBACH

In Home Economics Education

MARGARET SAMPSON

In Music Education

HARRY WILLIAM SEITZ

In Physical Education

MYRON EDWARD MCENDARFER
BERNERD FRANCIS MARTIN

JOHN EDWARD SNYDER

COLLEGE OF ENGINEERING**Degree of Bachelor of Science**

In Architecture

DONALD PORT AYRES
WILLIAM GORDON GARRETSON

WALTER CHESTER SEE

	In Ceramic Engineering	
EARL FRANK McDONALD		
	In Ceramics	
CHARLES HENRY COMMONS, JR.	EUGENE CHARLES CLEMENS	
	In Electrical Engineering	
RAYMOND B COOMBE	JEROME KEMP HOWE	
DWIGHT JOHN GOODMAN	PAUL ELLIS SHANAHAN	
	In General Engineering	
HARRY ENSMINGER RIDLEY	EDWIN FRANCIS WOOD	
	In Mechanical Engineering	
REXTON SYLVESTER RAINEY	PAUL BENJAMIN WEBB	
CLARENCE LAVERNE RINGQUIST		
	In Railway Civil Engineering	
PETER T CHULKOFF	IU HAU KWONG, with High Honors	

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

	In Agriculture	
GUY CLIFFORD FULLER	OLIVER WINSTON STEWART	
ALLAN KIRKWOOD	HAROLD BIRREL WALK	
LAWRENCE ADKINS REUSS	ROY KENT WISE	
WILLIAM PERCIVAL SCOTT	LESLIE WRIGHT, with Honors	
	In Floriculture	
MARGARET ANASTASIA DOLAN	FORREST ROBERT STRIEGL, with Honors	
EDWIN HADLEY HALL, with Honors		
	In Home Economics	
FLORENCE MARCELINE CRAIG	EDITH ELVIRA FOX	
	In Landscape Architecture	
EDWARD LOWELL KAMMERER		

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

	In Journalism	
EDMUND EUGENE DEUSS	HELEN ROBERTA GROVES	

COLLEGE OF LAW

Degree of Doctor of Law

ESTER CLARICE ANDERSON, A.B., 1926, Greenville College, with Honors	
WILLIAM SERENO BODMAN, A.B., 1926, with Honors	
ORVILLE N FOREMAN, A.B., 1925, Illinois College, with High Honors	

Degree of Bachelor of Laws

HERBERT WILLIAM BEHRENS, B.S., 1926	ALBERT BERTRAM RAFF
EDWARD RICHARD HANSEN	IRVING JACK SIEGAL
THURSTON ROGER LUNDEBERG	LEONARD MILFORD SPIRA
WILLIAM SCOTT McDOWELL, A.B., 1926	SEYMOUR BENJAMIN LEVY
ELMER ELLSWORTH OLSON	

LIBRARY SCHOOL

Degree of Bachelor of Science

	In Library Science	
CHRISTOPHER URDAHL FAYE, A.B., Luther College, 1909; A.M., University of Minnesota, 1924		

COLLEGE OF MEDICINE
Degree of Doctor of Medicine

SERGE FELIX ARQUIN

Degree of Bachelor of Science

BEHLE BASIL BURNS
OSCAR JAMES MICHAEL
FRANK E NAGEL, JR.
JOHN MICHAEL NOWACK
GEORGE SHROPSHEAR

HARRY SHUGER
ANNETTE CLARKE WASHBURNE
GEORGE SEYMOUR WEISS
MARSHALL YONAN

COLLEGE OF DENTISTRY

Degree of Doctor of Dental Surgery

FREDERICK ENGELS SHIPLACOFF

SCHOOL OF PHARMACY

Degree of Pharmaceutical Chemist

(As of the Class of 1928)

HERBERT ALBERT BERRY
GEORGE LOUIS CIHA
HOWARD J ERMELING
EDWIN JOHN FOSTER
LIBERO GARDELLA
DAVID LEON GOLDSTEIN
LOUIS GOODMAN
ARTHUR MALTZ
LOUIS L PLOTNICH
MAX REISLER
SAMUEL W RIPSTEIN
LOUIS H RICKELMAN
DAVID ROTHBERG
GEORGE LEE RUMBAUGH
HARRIET LEONORA SKINDER

JOSEPH GEORGE SLAVIK
LORENZ LAURENTINE SMITH
ORLANDO D CAMBIO
STUART GEORGE DUNLOP
EINAR J EDFORS
JOSEPH ENDLER
LOUIS GELFAND
NADIA CLEMENTINA HAZEL
FRED HECHT
ISADORE JACOBSON
ROBERT MCEVOY KREBS
ALEXANDER PODALL
HERMAN SHAPIRO
MANUEL UDELL SIEVERS

On motion of Mr. Trees, these degrees were authorized.

CHANGES IN CURRICULUM IN FLORICULTURE

(2) I have approved the action of the Council of Administration (acting for the University Senate) on the recommendations from the Faculty of the College of Agriculture for the following changes in the curriculum in floriculture:

(1) That in the third year students be permitted to choose between Horticulture 7 (Spraying), three hours, and Entomology 20 (Insect Control), four hours.

(2) That Business Organization and Operation 2 (Marketing Organization and Operation), three hours, be substituted in the fourth year of the curriculum for Business Organization and Operation 1 (Industrial Organization and Management), three hours.

On motion of Mrs. Evans, this action was approved.

APPROPRIATION FOR LIBRARY

(3) On request of Director P. L. Windsor I recommend that an appropriation of \$5,000 be made from the Reserve and Contingent Fund to the Library for "Library Expense."

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emerson.

APPROPRIATION FOR DEPARTMENT OF HORTICULTURE

(4) I recommend that the sum of \$1,500 be appropriated from the Reserve and Contingent Fund to the Department of Horticulture for operating the new greenhouses

for the remainder of the fiscal year and that in addition the sum of \$900, or so much thereof as may be realized from the receipts of sales of products of these greenhouses, be also appropriated to the same department for the same purpose.

On motion of Mr. Simpson, this appropriation, of a possible total of \$2,400, was made, by the following vote: Aye, Mr. Armstrong, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson.

APPROPRIATION FOR BENEFICIARY OF MISS MARION SPARKS

(5) Miss Marion Sparks, on the Library Staff since 1904, and Librarian in the Chemistry Library since 1912, died on February 11. I recommend that an appropriation of \$1,000 be made from the Reserve and Contingent Fund to pay the death benefit due, and that the Comptroller be authorized to make payment to Miss Sparks's beneficiary.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson.

APPROPRIATION FOR SCHOLARSHIPS AND FELLOWSHIPS

(6) On recommendation of the Dean of the Graduate School I recommend that \$25,000 be appropriated in the budget for 1929-30 for graduate fellowships and scholarships.

On motion of Mrs. Busey, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson.

**PAYMENT FOR SERVICES OF A. R. HALL IN SETTLEMENT OF
JOSEPH CARTER ESTATE**

(7) I recommend the payment of a fee of \$500 from the Carter-Pennell Trust Fund to Mr. A. R. Hall of the firm of Hall & Holaday, Danville, for services which he rendered after the creation of the Carter-Pennell Trust and before the final settlement of the estate of Joseph Carter.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson.

RESIGNATION OF PROFESSOR PHILBRICK

(8) Professor Francis S. Philbrick, who is on leave of absence without salary and who is visiting professor of law at the University of Pennsylvania, has submitted his resignation to take effect at the end of the academic year.

Dean Harno recommends, and I concur, that this resignation be accepted.

On motion of Mr. Simpson, this resignation was accepted.

APPOINTMENT OF PROFESSOR M. I. SCHNEBLY

(9) On recommendation of Dean Harno, I recommend that Professor Merrill I. Schnebly, at present visiting professor of law on our staff, be appointed professor on indefinite tenure, effective September 1, 1929, at a salary of \$7,000 a year.

On motion of Mrs. Busey, this appointment was made.

**ADJUSTMENTS IN DEPARTMENT OF PHYSICAL EDUCATION
FOR WOMEN**

(10) The absence of Miss Louise Freer, Director of Physical Education for Women, who was given leave on half salary for the second semester of the present year (Min-

utes, February, 1928, page 544), requires some adjustments in the department to take care of her work. I recommend approval of the following adjustments:

1. The payment of \$200 additional salary to the Acting Director during the second semester.
2. The payment of \$100 additional salary to the Acting Director during the summer.

On motion of Mrs. Grigsby, these adjustments were authorized.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(11) On recommendation of Dean Ketchum I recommend that the following agreements for cooperative investigations in the Engineering Experiment Station be extended as indicated in each case:

1. Investigation of fissures in steel rails (approved by the Board in May, 1928) for one year from September 31, 1928. (This agreement is with the Utilities Research Commission.)
2. Investigation of steam and hot water heating (approved by the Board, March 9, 1926) for one year from April 1, 1929. (This agreement is with the National Boiler and Radiator Manufacturers' Association and the Illinois Master Plumbers' Association.)

On motion of Dr. Noble, these extensions were authorized.

INVESTIGATION OF USE OF PHOSPHATE ROCK AS FERTILIZER

(12) On recommendation of Dean Mumford I recommend acceptance of an offer from the Ruhm Phosphate and Chemical Company and the Thomson Phosphate Company of \$750 a year each (a total of \$1,500 a year) for a period of three years, payable in quarterly amounts of \$187.50, for research work on certain unsolved problems connected with the use of phosphate rock as fertilizer, and recommend approval of the agreement for this investigation. The agreement is of the form and character hitherto authorized by the Board for similar investigations.

On motion of Mr. Simpson, this agreement was authorized.

OFFER OF RESEARCH FUND FROM ILLINOIS CANNERS ASSOCIATION

(13) The Illinois Cannery Association has offered to increase the fund they have been giving the University from \$3,000 to \$5,000 a year for a period of five years, beginning March 1, 1929, to continue the investigations which have been conducted by the Department of Horticulture on sweet corn. On recommendation of Dean Mumford and Professor Blair I recommend acceptance of this offer.

On motion of Mr. Trees, this offer was accepted.

BIOGRAPHIES OF FORMER PRESIDENTS

(14) The publication of the biographies of former Regents Gregory and Peabody (the latter having been published by the University) suggested to me the idea of the publication of similar biographies of former Presidents Draper and James. I suggested to Honorable Harlan H. Horner of Albany, formerly President Draper's secretary, and to President James's son, Dean Herman G. James of the University of Nebraska, that if they would prepare such biographies, acceptable to the University, the University would undertake to publish them. I present the idea for the approval of the Board and request an expression of willingness on the part of the Board to publish the volumes, when they are ready, in form and content similar to the biography of Regent Peabody.

On motion of Mrs. Evans, the Board approved the general policy involved in publishing these biographies.

PATENTS OF DISCOVERIES BY MEMBERS OF THE STAFF

(15) The Committee on Patents has recently had under consideration three discoveries which have been made by members of the staff, viz:

1. A device and process for sewage treatment developed under the direction of Dr. A. M. Buswell, Professor of Sanitary Chemistry.

A. The device is a circulating system which prevents the accumulation of scum and foam in digestion tanks, makes possible the collection of valuable gases, and permits the construction of Imhoff tanks with thirty per cent greater efficiency than heretofore.

B. The process is an improvement in the digestion of sewage by dividing the process into two stages—the first lasting from five to seven days and producing ninety per cent of the valuable gases. The two-stage process may be carried out in a series of tanks in which only the first requires the expensive covered construction now necessary for gas collection.

2. The discovery by Professor N. W. Krase of the Department of Chemistry of a method for making benzaldehyde from benzene and carbon monoxide in the presence of aluminum chloride and other substances.

3. The design and use of a three-electrode photo-electric cell for the operation of radio receiving sets, developed by Professors Charles T. Knipp and H. A. Brown, in which the troublesome hot filament (and with it the "A" battery) is entirely eliminated. It is proposed to use the cell as a detector and also as an amplifier.

In case No. 1 the Committee recommends that a patent be applied for by Doctor Buswell (the patent to be paid for by the University) and assigned by him to the University as this is the result of research work in which the University has been cooperating and any rights which the public may have in the discovery should be protected. I concur.

In case No. 2 the Committee believes that this is a process which will require a large sum of money for its development and which can be used only by a company doing a highly specialized work in that field. The Committee recommends that the University release to Doctor Krase any interest that it may have in the process and that he be permitted to apply for a patent on his own account if he wishes. I concur.

In case No. 3 the Committee reports that apparently the development was not made at the expense of the University and that it does not appear to be distinctive in character. The Committee recommends that the University release to Professors Knipp and Brown any interest that it may have in the process and that they be permitted to apply for a patent on their own account if they wish.

I concur in these recommendations.

On motion of Dr. Noble, the recommendation concerning Dr. Buswell's process was approved.

On motion of Mr. Fisher, the recommendation concerning Dr. Krase's process was concurred in.

On motion of Mr. Simpson, the recommendation concerning the Brown-Knipp radio tube was concurred in.

EXCHANGE OF BOTANICAL SPECIMENS WITH HARVARD UNIVERSITY

(16) On request of Professor F. L. Stevens of the Department of Botany, endorsed by Professor Charles F. Hottes and Dean Babcock, I recommend that authority be given the department to send to the Harvard Herbarium seventy-four specimens of *Meliola* from duplicates in our collection, in part exchange for 450 specimens sent us some time ago and now in our herbarium.

On motion of Dr. Noble, this exchange was authorized.

RESOLUTION OF ILLINOIS STATE SCHOOL BOARD ASSOCIATION

(17) Sometime ago Mr. Trees referred to me a letter which had been addressed to him as "President of the Board of Trustees" by Mr. A. D. McLarty, Secretary of the Illinois State School Board Association, transmitting the following resolution: "Be it resolved:

That this association respectfully requests the Board of Trustees and the faculty of the University of Illinois to establish and maintain an extension course in business administration available to school board members of the state having for its aim the qualification of board members in the performance of their duties."

After inquiring into the matter and giving it careful consideration, I wrote Mr. McLarty that I do not see how we could undertake to establish a correspondence course (which I found is what his Association had in mind) as suggested in his communication. We have no money for it and if we did it in this case we should be obliged to establish similar courses in many other lines. This, it seems to me, would not be the wisest expenditure of money necessary to manage the work. Moreover, it might fairly be claimed that this is a function of the State Superintendent of Public Instruction.

I pointed out to Mr. McLarty that it is possible, however, that the University might undertake in its regular routine to carry on investigations through one or more of its bureaus, to do something not only for the State School Board Association but for other local governing groups. For instance, the Bureau of Business Research might, at nominal expense, undertake an investigation into the finances and other business aspects of public school systems.

As his letter was addressed to the former President of the Board, I present the matter herewith, and recommend that the Board approve the President's answer as setting forth the University's policy.

On motion of Mrs. Evans, this recommendation was concurred in.

GIFTS TO THE UNIVERSITY

(18) I report receipt of the following gifts to the University, the acceptance of which I have authorized:

From Sigma Delta Kappa, law fraternity, a large cup, on which will be inscribed the names of the students who make the highest scholastic record in law in their freshman year, and which is to be placed in the Law Building, probably in the Law Library.

From Mr. Julius Rosenwald of Chicago, sixty-one bound volumes of Hebrew classics, including poetry, prose, works on Palestine and the history of the Jews, and reference and general works. The money value of the collection is probably \$100, and Director Windsor reports that it makes a worth while addition to our books of Jewish interest.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(19) The following report from the Comptroller on contracts and purchase orders executed since the last report:

February 8, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I transmit herewith report of the Purchasing Agent of purchase orders issued during the month of January, 1929, amounting to \$1,000 or more. There have been no contracts executed by the Comptroller since the last report.

Cordially yours,

LLOYD MOREY
Comptroller

PURCHASE ORDERS ISSUED IN JANUARY AMOUNTING TO \$1000 OR MORE

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
Agronomy	International Harvester Company	Separator and Tractor	\$1443 00	Quoted
Physical Plant	Westinghouse Electric and Manufacturing Company	Transformers	1079 44	Competitive
Physical Plant	Graybar Electric Company	Cable	1775 45	Competitive

H. M. EDWARDS
Purchasing Agent

This report was received for record.

SICK LEAVE FOR DR. W. F. PETERSEN

(20) Dr. W. F. Petersen of the College of Medicine has undergone an operation which will keep him off duty for some time. On request of Dean Davis, I recommend that he be given sick leave until May 1 on full pay.

On motion of Dr. Noble, this leave was granted.

PROPOSAL FOR REBATE ON PAVEMENT ALONG CARTER-PENNELL TRUST FARMS

(21) I submit herewith a proposal that the University join in a movement to secure from the State Legislature a rebate on the pavement through Rankin and other municipalities, part of which runs along the Carter-Pennell Trust farms, which road

the State has taken over. The original pavement cost Mr. Joseph Carter about \$6,000.

I recommend that no action be taken.

On motion of Dr. Noble, this recommendation was adopted.

GEORGE WASHINGTON BICENTENNIAL

(22) A recommendation that an appropriation of \$500 be made from the Reserve and Contingent fund for the participation of the University in the George Washington Bicentennial celebration in 1932.

On motion of Mr. Trees, this appropriation was made by the following vote: Aye, Mr. Armstrong, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson.

MCKINLEY HOSPITAL

On motion of Dr. Noble, the President of the Board was requested to appoint a special committee of three members to investigate and make recommendations on the problems arising from the operation of the McKinley Hospital.

President Armstrong appointed Dr. Noble, Mr. Barr, and Mrs. Busey to serve on this committee.

LOCATION OF ALUMNI MEMORIAL GROUP

Dr. Noble, for the special committee on the location of the Alumni Memorial Group, presented the following report:

To the Board of Trustees, University of Illinois

Your Committee, to which was referred the question of location for the Taft Alma Mater Statue which the Alumni Association is going to give the University, recommends the approval of a location on the meridian axis of the campus and a few feet south of the Auditorium. This is the location recommended by Mr. Platt and Mr. Vitale and has been concurred in by Lorado Taft, as evidenced by the enclosed letter from Mr. Abbott.

We further recommend that Mr. Platt be asked to design the setting of the Statue, including the pedestal, and that the Supervising Architect of the University be instructed to proceed as rapidly as possible with the construction work.

It is understood that the total costs, including Mr. Platt's services, shall be paid by the Alumni Association. The enclosed letter from Mr. Abbott evidently anticipates this procedure.

Dr. W. L. NOBLE
Mrs. LAURA B. EVANS
Professor JAMES M. WHITE

On motion of Dr. Noble, this report was adopted.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record the following list of appointments made by the President of the University.

Alciatore, Jules C., Assistant in Romance Languages, on one-fourth time, for five months beginning February 1, 1929, at a cash compensation at the rate of thirty-seven dollars fifty cents (\$37.50) a month (this superseding his previous appointment). (January 12, 1929)¹

Anderson, A. Marie, Instructor in Art and Design, for five months beginning February 1, 1929, at a cash compensation at the rate of two hundred dollars (\$200) a month (this superseding her previous appointment). (January 21, 1929)

Berg, Clarence P., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1929, at a cash compensation at the rate of seventy dollars (\$70) a month (this superseding his previous appointment). (February 4, 1929)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Bronstein, Isadore P., Assistant in Pediatrics, in the College of Medicine, beginning January 7, 1929, and continuing until September 1, 1929, without salary. (January 11, 1929)

Busby, John A. C., Instructor in Obstetrics and Gynecology, in the College of Medicine, for seven months beginning February 1, 1929, without salary. (January 21, 1929)

Carlock, Margaret L., Assistant in Romance Languages, on one-half time, for five months beginning February 1, 1929, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 4, 1929)

Cell, John Wesley, Assistant in Mathematics, on two-thirds time, for five months beginning February 1, 1929, at a cash compensation at the rate of ninety-three dollars fifty cents (\$93.50) a month. (January 21, 1929)

Clark, Francis Matthew, Assistant in Bacteriology, for five months beginning February 1, 1929, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this superseding his previous appointment). (January 11, 1929)

Fahlstrom, Florence Ann, Nurse in the Department of Pediatrics, in the College of Medicine, for one year beginning December 10, 1928, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (January 11, 1929)

Foran, M. Joseph, Assistant in Business Organization and Operation, in the College of Commerce, on one-half time, for five months beginning February 1, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 4, 1929)

Foster, Laurence Hafner, Assistant in Business Organization and Operation, in the College of Commerce, on one-half time, for five months beginning February 1, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 7, 1929)

Gaines, I. A., Jr., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1929, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 8, 1929)

Halpern, Louis Joseph, Instructor in Pediatrics, in the College of Medicine, beginning January 23, 1929, and continuing until September 1, 1929, without salary. (February 4, 1929)

Hibbs, Ruth Emma, Teacher in the University High School, in the College of Education, on one-half time, for five months beginning February 1, 1929, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 25, 1929)

Hogan, James Denton, Instructor in Architecture, in the College of Engineering, for five months beginning February 1, 1929, at a cash compensation at the rate of two hundred dollars (\$200) a month. (February 6, 1929)

Judah, Leopold N., Medical Adviser for Men and Assistant in Hygiene, in the Department of Physical Welfare, for seven months beginning February 1, 1929, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (February 5, 1929)

Klein, Reuben I., Research Assistant in Pediatrics, in the College of Medicine, on one-half time, beginning January 15, 1929, and continuing until July 1, 1929, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (January 18, 1929)

Lamb, John, Jr., Associate in Soil Experiment Fields and Extension, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, beginning February 1, 1929, and continuing until June 12, 1929, at a cash compensation at the rate of ninety-five dollars eighty-three cents (\$95.83) a month (this superseding his previous appointment). (February 5, 1929)

McCormick, Maxine E., Stenographer in the Business Office, for seven months beginning February 1, 1929, at a cash compensation at the rate of one hundred fifteen dollars (\$115) a month (this superseding her previous appointment). (February 6, 1929)

Madden, Earl E., Assistant in Anatomy, in the College of Medicine, on one-half time, for four months beginning February 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 4, 1929)

Morgan, William Ray, Special Research Assistant in Ceramic Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning February 1, 1929, and continuing until further notice, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (February 6, 1929)

Neave, S. L., Assistant in Chemistry, for five months beginning February 1, 1929, at a cash compensation at the rate of one hundred thirty-five dollars (\$135) a month (this superseding his previous appointment). (February 8, 1929)

Nester, Henry George, Assistant in Zoology, for five months beginning February 1, 1929, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month (January 21, 1929)

Oden, R. J. E., Instructor in Anatomy, in the College of Medicine, on one-fourth time, for four months beginning February 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (February 4, 1929)

Otte, Betty, Secretary to the Dean and Director, in the Department of Administration, in the College of Agriculture and in the Agricultural Experiment Station, for six months beginning March 1, 1929, at a cash compensation at the rate of one hundred ten dollars (\$110) a month. (February 4, 1929)

Paden, William Reynolds, Assistant in Soil Biology, in the Department of Agronomy, in the College of Agriculture and in the Agricultural Experiment Station, on one-fourth time, beginning February 1, 1929, and continuing until June 12, 1929, at a cash compensation at the rate of thirty-seven dollars fifty cents (\$37.50) a month (this superseding his previous appointment). (February 5, 1929)

Palmer, Mahlon Phelps, Resident in Otolaryngology, in the College of Medicine, for three months beginning April 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (January 21, 1929)

Pence, Dwight, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for two months beginning February 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (January 25, 1929)

Preston, Herbert Dodson, Assistant in Animal Husbandry, in the College of Agriculture, beginning February 15 and continuing until September 1, 1929, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (February 8, 1929)

Rehm, John B., Assistant in Bacteriology, on one-half time, for five months beginning February 1, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 11, 1929)

Summerfield, Marion Clarke, Specialist in Office Organization and Management, in the Department of Administration, in the College of Agriculture and in the Agricultural Extension Service, for six months beginning March 1, 1929, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this superseding her previous appointment). (February 4, 1929)

Smith, Vivian Thomas, Assistant in the Bureau of Educational Research, in the College of Education, on one-half time, for four months beginning February 1, 1929, at a cash compensation at the rate of fifty-eight dollars thirty-three cents (\$58.33) a month. (January 21, 1929)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

March 12, 1929



The annual meeting of the Board of Trustees of the University of Illinois was held at the Capitol, in Springfield, at 10:30 a.m. on Tuesday, March 12, 1929.

When the Board convened, all the members were present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of February 13, 1929. On motion of Dr. Noble, the minutes were approved as printed on pages 127 to 140 above.

MR. J. W. ARMSTRONG ELECTED PRESIDENT OF THE BOARD

Governor Emerson, who was asked to act as Chairman, called for nominations for the office of President of the Board of Trustees for one year.

Mrs. Evans nominated Mr. J. W. Armstrong.

On motion of Mr. Trees, the nominations were closed, and the Secretary was instructed to cast the unanimous ballot of the meeting for Mr. Armstrong as President. Mr. Armstrong was declared elected, and he took the chair.

MR. H. E. CUNNINGHAM ELECTED SECRETARY

Mrs. Grigsby nominated Mr. H. E. Cunningham for the office of Secretary of the Board for one year.

On motion of Mr. Blair, the nominations were closed, and the President of the Board cast the ballot of the meeting for Mr. Cunningham, and he was declared elected Secretary.

MR. A. M. BURKE ELECTED TREASURER

Dr. Noble nominated Mr. A. M. Burke of Champaign to succeed himself as Treasurer of the University for a term of two years.

On motion of Dr. Noble, the nominations were closed, and the Secretary cast the ballot of the meeting for Mr. Burke, and he was declared elected Treasurer.¹

PROFESSOR LLOYD MOREY ELECTED COMPTROLLER

Mrs. Busey nominated Professor Lloyd Morey for the office of Comptroller for one year.

On motion of Mr. Blair, the nominations were closed, and the Secretary was instructed to cast the ballot of the meeting for Professor Morey, and he was declared elected.

EXECUTIVE COMMITTEE

Dr. Noble nominated Mrs. Busey and Mr. Trees to serve for one year as members of the Executive Committee, with the President of the Board as Chairman. Mrs. Busey asked to be excused from this service, and Dr. Noble nominated Mrs. Grigsby instead.

On motion of Dr. Noble, the nominations were closed, and the Secretary of the Board cast the ballot of the meeting for Mr. Trees and Mrs. Grigsby, and they were declared elected members of the Executive Committee.

DR. DAVID KINLEY ELECTED PRESIDENT

Mr. Blair nominated Dr. David Kinley to serve as President of the University at the pleasure of the Board, under the new law.

On motion of Mr. Trees, the nominations were closed, and the Secretary cast the unanimous ballot of the Board for Dr. Kinley, and he was declared elected President of the University. The Secretary was directed to notify Dr. Kinley of his election and to escort him to the room. Dr. Kinley briefly expressed his appreciation of the confidence of the Board in him.

¹See page 143.

TREASURER'S BOND

On motion of Dr. Noble, the Treasurer's bond was fixed at \$1,500,000.

ELECTION OF TREASURER

On motion of Dr. Noble, the election of the Treasurer was reconsidered.

On motion of Dr. Noble, Mr. A. M. Burke of Champaign was elected Treasurer of the University, for the next term of office, on proper qualification, and when he furnishes a satisfactory bond.

On motion of Dr. Noble, the Treasurer was requested to submit promptly a bond as required to the Finance Committee for investigation and report to the Board of Trustees.

AUTHORITY TO RECEIVE FUNDS

On motion of Mr. Blair, the following resolution was adopted:

Resolved, that the Treasurer of the Board of Trustees of the University of Illinois is authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the Board of Trustees or to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or the University of Illinois on account of the Agricultural Experiment Station of the University.

DELEGATION OF SIGNATURES

On motion of Mrs. Evans, the President and the Secretary of the Board of Trustees were authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to the Auditor and to the Chief Accountant in the Business Office authority to sign his name, as President of the Board of Trustees, to vouchers against the State Auditor, and to warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

The Secretary of the Board of Trustees is authorized to delegate to the Bursar and to the Assistant Bursar in the Business Office authority to sign his name, as Secretary of the Board of Trustees, to vouchers against the State Auditor, and to warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

The President and the Secretary of the Board of Trustees are authorized to delegate to the Comptroller and to the Assistant to the Comptroller authority to sign the name of the President or of the Secretary of the Board of Trustees to vouchers against the State Auditor, and to warrants on the University Treasurer in case of emergency; provided that under no circumstances shall the Comptroller or the Assistant to the Comptroller sign the names of both the President and the Secretary to the same warrant or voucher.

At this point, Governor Emmerson withdrew.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

PLANS FOR SKATING RINK

(1) A request that Professor White be allowed to present the plans for the skating rink to be built by the Athletic Association.

Professor White presented the plans for the skating rink.

On motion of Mr. Trees, action on these plans was deferred until the next meeting. The President of the University was requested to ask Director Huff to present this matter to the Board.

CONTRACT FOR TESTING MACHINE FOR MATERIALS TESTING LABORATORY

(2) Among the items of equipment desired by the College of Engineering for the new Materials Testing Laboratory provided for in the appropriation therefor is a new testing machine. Experts on the faculty have been investigating the matter for some time and have made a report and recommendation, concurred in by the Dean and the Supervising Architect, for a three-million pound machine. The Purchasing Agent received bids in accordance with the specifications drawn by our people as follows:

	<i>Capacity of Machine</i>	
	<i>2-million lb.</i>	<i>3-million lb.</i>
Tinius Olsen Testing Machine Company	\$35 000	\$45 000
Riehle Bros. Testing Machine Company	50 000	60 000
Southwark Foundry and Machine Company	39 500	44 000

By making several slight changes in the specifications which will not reduce the efficiency of the machine, the Southwark Foundry and Machine Company will furnish a three-million pound hydraulic testing machine for \$40,000, f.o.b. Urbana, Illinois.

The Supervising Architect and Dean Ketchum recommend that a contract for a three-million pound hydraulic testing machine under the revised specifications be placed with the Southwark Foundry and Machine Company at a price of \$40,000 f.o.b. Urbana, to be paid for out of the legislative appropriation for the Materials Testing Laboratory and equipment.

I concur in this recommendation.

On motion of Mr. Barr, this recommendation was adopted.

DELEGATION OF SIGNATURES

(3) I recommend that the deans and directors and heads of departments and other officers be authorized and permitted to name other responsible members of the staff to sign their names to papers requiring their signatures, according to the following provisions:

1. The names of the person or persons to whom this authority is delegated must be formally approved in advance by the President, on recommendation of the Comptroller, and, in the case of department heads, by the dean or director, and notice of that approval must be sent to all parties concerned. The person thus delegated may not sign any paper until he has been notified by the Comptroller that the President has approved the delegation.

2. Such delegation of authority to sign another officer's name shall be confined to responsible officers of the University, of a rank not lower than that of associate professor, excepting that others may be permitted to exercise this authority when properly conferred for the signing of routine papers, such as requisitions for supplies, payroll vouchers, and similar papers of a routine character, for which appropriation has been duly made by the Board specifically (and not in lump sum as is done, for example, for equipment, the individual pieces of which are to be duly selected and approved by the dean) and also papers which have already been signed in some other form by the dean; for example, if a requisition for a certain sum has been approved by the dean or other proper officer it may not be necessary for him personally to sign vouchers or other documents therefor, but his signature may be appended thereto by the properly delegated party.

3. The person or persons to whom authority to sign is delegated shall in every case sign the name of the head of department or dean or other officer, as the case may be, with his or her own signature thereunder.

When the list of people to whom authority to sign for others has been duly submitted, on recommendation of the Comptroller and approved by the President, the President will report the list to the Board.

It is the purpose of these regulations to facilitate the handling of business in the absence of an administrative officer, or in an emergency.

On motion of Mr. Blair, these regulations were adopted.

APPROPRIATION FOR VISIT OF THE GENERAL ASSEMBLY

(4) I recommend that an appropriation of \$1,300, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to cover the expenses connected with the visit of the members of the General Assembly who will visit the University on March 14 and 15.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Emmerson.

APPROPRIATION FOR INJURIES TO EMPLOYEES

(5) On request of the Comptroller I recommend that the sum of \$1,000, or so much thereof as may be necessary, be appropriated from the Reserve and Contingent Fund for Injuries to Employees to supplement the appropriation of \$2,000 provided in the budget approved in June, 1928.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Emmerson.

APPROPRIATION FOR BENEFICIARY OF ROBERT J. DRAKE

(6) Mr. Robert J. Drake, Assistant in Athletic Coaching since 1925, died on March 3. I recommend that an appropriation of \$100 be made from the Reserve and Contingent Fund to pay the death benefit due, and that the Comptroller be authorized to make payment to Mr. Drake's beneficiary.

On motion of Mrs. Evans, this recommendation was adopted and the appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Emmerson.

APPOINTMENT OF PROFESSOR GLENN R. MORROW

(7) On recommendation of Dean Daniels, Acting Head of the Department of Philosophy, and Dean Babcock, I recommend that Dr. Glenn R. Morrow, Associate Professor of Philosophy at the University of Missouri, be appointed Professor of Philosophy on indefinite tenure beginning September 1, 1929, at a salary of \$5,000 a year.

On motion of Mr. Blair, this appointment was made.

APPOINTMENT OF DR. GORDON F. CADISCH

(8) On recommendation of Dean H. W. Mumford and Professor E. L. Bogart, Head of the Department of Economics, I recommend that Dr. Gordon Francis Cadisch, at present Assistant to the Dean and Acting Head of the Department of Economics and Sociology at the University of Maryland, be appointed Extension Specialist in Agricultural Economics with the rank of Assistant Professor, at a salary rate of \$3,400 a year, beginning June 1, 1929, or as soon thereafter as he can report for duty.

On motion of Mr. Trees, this appointment was made.

RESIGNATION OF PROFESSOR W. B. McDUGALL

(9) Dr. W. B. McDougall, Associate Professor of Botany, has submitted his resignation from the Faculty with the request that it be effective September 1, 1929. I have accepted this resignation.

This report was received for record.

LEAVE OF ABSENCE FOR MISS RUTH A. WARDALL

(10) On recommendation of Dean Mumford, I recommend that Miss Ruth A. Wardall, Head of the Department of Home Economics, be given a sabbatical leave of absence on one-half salary during the year 1929-30, under the rules.

On motion of Mrs. Busey, this leave was granted.

LEAVE OF ABSENCE FOR ASSOCIATE PROFESSOR JOHN VAN HORNE

(11) On October 26 (page 69) Dr. John Van Horne, Associate Professor of Romance Languages, was granted a sabbatical leave of absence on half pay for the year 1929-30. He has just received notice of his appointment to a Guggenheim Fellowship for study and travel abroad. He has asked for permission to accept this appointment in addition to his leave. The appointment will not interfere with his travel and his study while on leave, but, on the contrary, will assist him in his work. The appointment imposes no engagements of any kind whatever except the diligent prosecution of the work for which you grant leave.

I recommend that he be authorized to accept this appointment.

On motion of Mrs. Busey, this recommendation was adopted.

**RECOMMENDATIONS FOR APPOINTMENTS AND PROMOTIONS
FOR 1929-30**

(12) I request confirmation of my action in approving in advance of the budget the following new appointments and promotions for 1929-30:

John Paul Heironimus, Assistant in Classics at \$2,000.

C. A. Jacokes, Assistant in Mathematics on two-thirds time at \$1,000.

John Franklin Locke, Assistant in Mathematics on two-thirds time at \$1,000.

Carl O. Mohr, Assistant in Entomology at \$1,625.

Change in status and salary of Dr. N. W. Krase of the Department of Chemistry from the rank of Assistant Professor at \$3,500 to the rank of Associate Professor on indefinite tenure at a salary of \$4,200 a year.

James Nardin Truesdale, Assistant in Classics on one-half time at \$600.

Paul Shaner Dunkin, Assistant in Classics on one-half time at \$600.

Ellis R. Ott, Assistant in Mathematics on one-half time at \$700.

Armond William Bear, Assistant in Mathematics on one-half time at \$750.

The positions in each case already exist and there are no changes from the existing budget except in the case of Dr. Krase.

On motion of Mrs. Busey, the action of the President of the University was confirmed.

**AUTHORIZATION TO PERMIT DR. ELMER ROBERTS TO CARRY OUT
SCIENTIFIC INVESTIGATIONS IN CHINA**

(13) On recommendation of Dean Mumford and Professor Rusk, Head of the Department of Animal Husbandry, I recommend that Dr. Elmer Roberts, Associate Professor of Animal Breeding, be permitted to spend the year 1929-30, or so much thereof as is necessary, in China in order to carry out certain investigations of the inheritance of resistance to disease—all expenses including traveling and equipment to be paid out of Purnell funds.

On motion of Mr. Trees, this recommendation was approved.

**REQUIREMENTS FOR GRADUATION IN THE COLLEGE OF
LIBERAL ARTS AND SCIENCES**

(14) The University Senate recommends the adoption of new requirements for graduation in the College of Liberal Arts and Sciences to be effective for the class entering the University in September, 1929. The changes from the present requirements are:

1. A provision that the requirements in rhetoric and foreign language may be met by passing the usual courses in these subjects or by passing proficiency examinations.

2. The requirement in foreign language is changed so as to require a reading knowledge of at least one foreign language equivalent to that obtainable after four semesters of college work.

3. The changes in the "group requirements," aimed at simplification, provide that these requirements must be completed before the beginning of the senior year instead of at the beginning of the junior year as provided in the old requirements.

4. The choice of minor subjects is restricted to two departments; there is no such restriction in the old requirements.
 5. At least thirty hours of the work taken in the junior and senior years must be in courses not open ordinarily to freshman or sophomore students.
 6. The requirement limiting the amount of work (forty semester hours) which can be taken in any one department for credit is removed.
 7. The total number of hours which students may take outside of the Arts and Sciences group is restricted to thirty-six, or the equivalent of a year's work.
- A detailed statement of the new requirements follows:

*PROPOSED NEW REQUIREMENTS FOR GRADUATION FROM THE
COLLEGE OF LIBERAL ARTS AND SCIENCES*

*(Approved by the University Senate, February 11, 1929, for transmission to the
Board of Trustees)*

University Requirements: Each candidate must meet the general University requirements with respect to registration and residence, and must also secure credit in approved courses amounting to one hundred thirty hours, an hour being one class period a week for one semester. Each class period presupposes two hours of preparation by the student, or the equivalent in the laboratory or drawing room.

A. Prescribed subjects.

To be commenced in the first semester of the freshman year, except as otherwise provided, and to be continued until the completion of the requirements.

1. Hygiene—1 hour.
2. Physical Education—4 semesters.
3. Military Science (for men)—4 semesters or the equivalent.
4. Rhetoric—2 semesters. This requirement may be satisfied by either of the following methods:
 - (I) Passing Rhetoric 1 and 2.
 - (II) Passing a proficiency examination equivalent to an examination in Rhetoric 2.
5. Foreign Language—A reading knowledge of a foreign language (French, German, Greek, Latin, Spanish, or Italian) equivalent to that obtainable after four semesters of a foreign language when commenced in college. This requirement may be satisfied by either of the following methods:
 - (I) Passing French 2b, or a more advanced course;
German 5 or 6, or a more advanced course;
Greek 4, or a more advanced course;
Latin 1a, or a more advanced course;
Spanish 2b, or a more advanced course;
Italian 2b, or a more advanced course.
 - (II) Passing a proficiency examination equivalent to the final examination in any of the courses mentioned in 5 (I).

B. To be taken prior to the senior year.

1. Liberal Arts
English literature, foreign literature (based on the first two years of college work in the language chosen, or its equivalent), economics, history, political science, philosophy, and sociology; a total of 15 hours chosen from at least three departments, including one course in English or foreign literature, or in the history of philosophy.
2. Science
Astronomy, bacteriology, botany, chemistry, geography, geology, entomology, mathematics, physics, psychology, and zoology; a total of 15 hours chosen from at least three departments, including one course with a minimum of four hours' laboratory work per week.

In any curriculum in which fewer than 15 hours of laboratory science are required a student who enters without at least one unit of laboratory science shall be required to substitute 5 hours of laboratory science for 5 hours of free electives in the requirements for graduation.

C. To be taken after the freshman year.

1. In the major subject as defined by departments with the approval of the faculty, 20 hours.

2. In the minor subjects, 20 hours in one or two departments designated by the department in which the major subject is pursued, and approved by the faculty, with not less than 8 hours in each department, if two subjects are chosen.
3. Thirty hours of the work taken in the junior and senior years must be in courses not open ordinarily to freshmen or sophomores.

D. Electives.

1. All courses offered by the departments of this college except those exclusively for students in other colleges.
2. The total credit in art and design is limited to 20 hours.
3. Not more than 36 hours' credit toward graduation will be given for courses offered in other colleges and schools of this University, aside from the first year's work in the College of Medicine, and courses acceptable for major and minor credits.
Such courses must be selected from a list approved by the Faculty.

E. The degree of Bachelor of Science will be granted in lieu of the degree of Bachelor of Arts to students whose major is in mathematics, a science, or home economics, on petition to the Dean not later than six weeks preceding the granting of the degree.

On motion of Mrs. Grigsby, these requirements were adopted.

**COMMUNICATION CONCERNING UNIVERSITY'S PATENT POLICY
FROM STATE BOARD OF NATURAL RESOURCES AND
CONSERVATION**

(15) The following letter from the Secretary of the State Board of Natural Resources and Conservation:

President David Kinley, University of Illinois

February 15, 1929

DEAR PRESIDENT KINLEY:

The following motions passed by the Board of Natural Resources and Conservation yesterday at Springfield have some relation to questions of University policy, especially, as Professor Buswell is an employee both of the University and of the Board of Natural Resources and Conservation:

It was moved that the Board approve of a policy by which the University shall take out patents for processes developed by the Water Survey, the patents to be assigned to the University and used for the benefit of the University and the public.

It was moved that the directors of the Geological and Water Surveys be authorized to enter into cooperation with the U. S. Geological Survey in the study of problems connected with the drilling of wells for water and that the director of the Board in conjunction with the committees in charge of the two Surveys may make such changes in the budgets asked for as may be necessary. It is understood that the work undertaken shall be on a genuine cooperative basis.

Yours sincerely,

W. A. NOYES

Secretary, Board of Natural Resources and Conservation

The purport of this action is that the University's policy with reference to patents of discoveries and inventions by people in its employ shall be extended to those who are employed in the State Surveys (the State Water Survey, State Geological Survey, and the State Natural History Survey) and that the State Board of Natural Resources and Conservation surrenders to the University all of its rights and privileges in this matter.

On motion of Dr. Noble, this delegation of rights was accepted.

OFFERS FROM AMERICAN MEDICAL ASSOCIATION

(16) The Committee on Scientific Research of the American Medical Association has appropriated \$300 to aid Dr. B. Z. Rappaport, Hospital Pathologist and Director, in his work on ascariasis, and \$300 to Dr. C. I. Reed, Assistant Professor of Physiology and Physiological Chemistry, to aid in his work on the effects of phototherapy, etc.

I recommend acceptance of these offers.

On motion of Dr. Noble, these gifts were accepted.

OFFER FROM THE CHEMICAL FOUNDATION

(17) The Chemical Foundation has offered \$7,000 to the University for the research work which Professor Roger Adams is doing on the organic chemicals for the treatment of lepers; \$2,750 of this is to be used to pay the salary of a skilled research assistant of experience, and the remainder for the preparation of material for testing lepers in the Philippines and for carrying on the program here at the University. The Foundation attaches no conditions to its offer.

I recommend that this gift be accepted.

On motion of Mr. Barr, this gift was accepted.

GIFTS TO THE UNIVERSITY

(18) Under the rules of the Board, I have authorized the acceptance of the following gifts:

1. From Professor George W. Myers of the University of Chicago, his library of about 700 books, including 300 works on mathematics, astronomy, mathematical pedagogy, and philosophy.

2. From the Modern Coal Burner Company of Chicago, one of their type A-24 stokers to the department of mechanical engineering. The commercial value of this stoker is \$350.

3. From Judge A. W. Summers of Eldorado, forty-seven volumes of law books, including some rare text books and some early Illinois township, city, and village laws.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(19) The following report from the Comptroller on contracts and purchase orders executed since the last report.

CONTRACTS EXECUTED BY THE COMPTROLLER FROM FEBRUARY 9, 1929, TO MARCH 7, 1929

Miscellaneous contracts executed under general regulations:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Otis Elevator Company	\$21 monthly	January 31, 1929	Maintenance of passenger elevator in Architecture Building for 5 years from January 1, 1929
Otis Elevator Company	\$24 monthly	January 31, 1929	Maintenance of passenger elevator in Library Second Unit for 5 years from January 1, 1929

PURCHASE ORDERS ISSUED IN FEBRUARY AMOUNTING TO \$1000 OR MORE

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
Animal Husbandry	Hayes Grain and Commission Company	Cotton seed meal	\$1035 00	Quoted
General Chemical Stores	E. H. Sargent Company	Pyrex tubing	\$1578 17	Competitive

This report was received for record.

ADJUSTMENT IN BUDGET OF COLLEGE OF DENTISTRY

(20) On request of Dean Noyes, I recommend that the appropriation of \$800 provided under special non-recurring appropriations (Minutes, June 29, page 738) for the purchase of a violet-ray machine, be released for the purpose of securing other equipment to be used in research and graduate work, on the recommendation of the Dean and approval of the President.

On motion of Dr. Noble, this recommendation was approved.

LATE REGISTRATION FEE FOR GRADUATE SCHOOL

(21) On recommendation of the Dean of the Graduate School, endorsed by the Comptroller, I recommend that the regulation governing late registration in the Graduate School be changed to read as follows:

Registration, including the payment of fees, must be completed by the close of the registration days of the Graduate School. Otherwise, a fee of \$5.00 for late registration will be charged all former students.

On motion of Mr. Simpson, this rule was adopted.

RETURN OF PROFESSOR E. W. LEHMANN

(22) Professor E. W. Lehmann, Head of the Department of Farm Mechanics, who was given leave of absence without pay for the first semester (Minutes, October 13, page 52), returned to duty on February 1. I have, therefore, authorized him to resume his position on his regular salary at full rate, beginning February 1, 1929.

On motion of Mrs. Evans, this action was confirmed.

REPORT ON SALE AND REINVESTMENT OF TRUST FUND SECURITIES

(23) At the January 9 meeting of the Board (Minutes, page 122) the Finance Committee recommended the sale of certain securities representing trust funds and the purchase from the proceeds of certain other securities as reinvestment of these funds, and the Board approved these recommendations. The Comptroller submits the following report on the sale and the investment thereof:

March 9, 1929

President David Kinley, 355 Administration Building, West

MY DEAR PRESIDENT KINLEY:

I submit this report of investment transactions as per instructions of the Board of Trustees of January 9, 1929.

The report includes a list of the securities which the Board directed to be sold and of the amount received from the sale. It also shows the purchases made from the proceeds of this sale from items approved by the Board of Trustees. These securities are exceptionally high grade and have been difficult to buy. This fact accounts for the time which has elapsed since the order of the Board was made.

There remains on hand in various permanent funds the total sum of \$1,733.14 available for investment. This sum includes the excess of sales over purchases, indicated in the enclosed report. Unless otherwise instructed, I will see that additional securities from the list already approved by the Board are purchased to approximately cover the balance of cash on hand.

Cordially yours,

LLOYD MOREY
Comptroller

**REPORT ON SALE OF SECURITIES AND REINVESTMENT OF FUNDS
IN ACCORDANCE WITH THE ACTION OF THE BOARD OF
TRUSTEES January 9, 1929**

SECURITIES SOLD

Security	Par Value	Sale Price	Net Total
American Telephone and Telegraph Company, 5%, 1946.....	\$ 4 500 00	5C 103 3/8 4M 104 1/8	\$ 4 671 25
Baltimore and Ohio Railroad Company, 4%, 1948.....	15 000 00	92 3/4	13 797 51
Chicago Union Station, 5%, 1944.....	13 000 00	102	13 227 50
Commonwealth Edison Company, 5%, 1953..	5 000 00	103	5 150 00
Federal Land Bank of Houston, 4 1/2%, 1943..	1 000 00	98 1/2	985 00
Federal Land Bank of Wichita, 4 1/2%, 1943..	2 000 00	98 3/8	1 972 50
First Trust Joint Stock Land Bank of Chicago, 4 3/4%, 1954/34.....	1 000 00	100 3/4	1 007 50
Illinois Bell Telephone Company, 5%, 1956..	7 000 00	104 3/8	7 288 75
Illinois Central Railroad Company, Chicago, St. Louis & New Orleans Railroad Company, 4 1/2%, Series C, 1963.....	8 000 00	95	7 584 00
Louisville Gas and Electric Company, 5%, 1952.....	8 500 00	5C 102 3/8 8M 103 1/2	8 794 38
Missouri Pacific Railroad Company, 5%, Series F, 1977.....	8 000 00	98 1/2	7 880 00
New York Edison Company, 5%, 1944.....	8 000 00	104	8 320 00
New York Telephone Company, 4 1/2%, 1939	16 000 00	100	15 968 00
Northern States Power Company, 5 1/2%, 1950	2 000 00	103	2 060 00
Public Service Company of Northern Illinois, 5%, 1956.....	1 000 00	101 1/2	1 014 50
Western Union Telegraph Company, 5%, 1951.....	5 000 00	102 3/4	5 125 00
	<u>5 000 00</u>		<u>5 125 00</u>
	\$105 000 00		\$104 845 89

SECURITIES PURCHASED

<i>Security</i>	<i>Par Value</i>	<i>Rate</i>	<i>Cost</i>
Appalachian Power Company, ¹ 5%, 1941...	\$ 4 000 00	101½	\$ 4 060 33
Atchison, Topeka and Santa Fe Railroad Company, Rocky Mountain Division, 4%, 1965	12 000 00	1M 91¾ 11M 92¾	11 074 63
Chicago Union Station, ¹ 4½%, 1963.....	15 000 00	2M 99¾ 2M 99¾ 1M 99¾ 10M 100¾	\$ 15 037 39
Cleveland Electric Illuminating Company, 5%, 1939.....	10 000 00	103¾	10 362 50
Commonwealth Edison Company, 5%, 1943.	15 000 00	5M 104¾ 10M 105	15 739 15
Des Moines Electric Company, 5%, 1938....	11 000 00	1M 101¾ 10M 101¾	11 165 15
San Diego Consolidated Gas and Electric Company, 5%, 1939.....	11 000 00	6M 103¾ 5M 103¾	11 372 50
Swift and Company, ¹ 5%, 1944.....	10 000 00	102¾	10 250 00
West Pennsylvania Power Company, 5%, 1946.....	15 000 00	5M 102¾ 10M 103	15 476 87
Excess of proceeds of sales over purchases....			\$104 538 52 \$ 307 37

On motion of Mr. Trees, this report was received for record.

HIGHWAY AT ALEDO

Mr. Armstrong, for the Executive Committee, reported that an arrangement, having the oral approval of the donor of the experiment field at Aledo, had been made for the location of a highway through the tract, taking twenty-eight hundredths of an acre.

On motion of Mr. Trees, this right of way was granted, subject to the receipt of a release from the donor, and the proper officers of the Board were empowered and directed to sign the necessary papers when the release is received.

INSPECTION OF HOUSES

Mrs. Grigsby presented the following:

A meeting of the Committee on Student Welfare was held at the Blackstone Hotel, in Chicago, on Wednesday, February 13, 1929. Mrs. Grigsby, Mrs. Evans, Mr. Simpson, and President Kinley were present.

On motion of Mrs. Evans, it was voted to recommend to the Board that the proper officers of the University, through the President, be authorized and instructed to inspect all houses in which students live to promote safety, health, and good living conditions, and to enlist the cooperation and aid of such public officers as may be necessary.

HELEN M. GRIGSBY
LAURA B. EVANS
F. H. SIMPSON

On motion of Mrs. Grigsby, this recommendation was adopted.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record the following list of appointments made by the President of the University:

Amtman, Leo E., Instructor in Pathology and Bacteriology, in the College of Medicine, on one-fourth time, for four months beginning February 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 12, 1929)²

Ayres, Donald P., Assistant in Architecture, in the College of Engineering, beginning February 14, 1929, and continuing until June 30, 1929, at a cash compensation at the rate of one hundred seventy dollars (\$170) a month. (February 12, 1929)

¹McKinley Endowment, Economics of Public Utilities.

²The date in parenthesis is the date on which the appointment was made by the President of the University.

Beaver, Paul C., Assistant in Zoology, on one-half time, for five months beginning February 1, 1929, at a cash compensation at the rate of seventy dollars (\$70) a month (this superseding his previous appointment). (February 18, 1929)

Bohrod, Milton G., Instructor in Pathology and Bacteriology, in the College of Medicine, on one-half time, for seven months beginning February 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month (this superseding his previous appointment). (February 12, 1929)

Boikan, William, Instructor in Pathology and Bacteriology, in the College of Medicine, on three-fourths time, for seven months beginning February 1, 1929, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 12, 1929)

Clemens, Eugene Charles, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, in the College of Engineering, for one year beginning February 1, 1929, excluding July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 18, 1929)

Cohen, Esther L., Stenographer in the Department of Home Economics, in the College of Agriculture, beginning March 15, 1929, and continuing until August 31, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (March 6, 1929)

Cohen, Maurice L., Instructor in Pathology and Bacteriology, in the College of Medicine, on one-half time, for five months beginning February 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 12, 1929)

Crabtree, Fern, Assistant to the Dean in the College of Liberal Arts and Sciences, on one-half time, for four months beginning March 1, 1929, at a cash compensation at the rate of seventy-nine dollars sixteen cents (\$79.16) a month. (March 4, 1929)

Dawson, H. G., Assistant in Chemistry, on three-fourths time, for five months beginning February 1, 1929, at a cash compensation at the rate of ninety dollars (\$90) a month (this superseding his previous appointment). (February 18, 1929)

Elliott, George Burger, Office Assistant to the Dean of Men, for six months beginning March 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (March 6, 1929)

Fisher, C. H., Assistant in Chemistry, on one-half time, beginning March 1, 1929, and continuing until June 15, 1929, at a cash compensation at the rate of seventy dollars (\$70) a month. (March 4, 1929)

Fritschle, Alice, Assistant in English, for five months beginning February 1, 1929, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this superseding her previous appointment). (February 12, 1929)

Gates, Margaret, Assistant in English, for two months beginning February 1, 1929, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 20, 1929)

Griffith, Esther, Assistant in Chemistry, on one-fourth time, beginning March 1, 1929, and continuing until June 15, 1929, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (March 4, 1929)

Henderson, Robert, Assistant in English, on two-thirds time, for five months beginning February 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month (this superseding his previous appointment). (February 12, 1929)

Henry, Merlyn George, Instructor in Physiology and Physiological Chemistry, in the College of Medicine, on one-fourth time, for four months beginning February 1, 1929, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 26, 1929)

Kennedy, Josephine, Instructor in Physiology, beginning February 22, 1929, and continuing until June 22, 1929, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 26, 1929)

Kistler, Gene Haviland, Instructor in Physiology and Physiological Chemistry, in the College of Medicine, on one-fourth time, for four months beginning February 1, 1929, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (February 20, 1929)

Konradt, Martha Anna, Stenographer in the Order Department of the Library, for seven months beginning February 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this superseding her previous appointment). (February 12, 1929)

Lifvendahl, Richard A., Instructor in Pathology and Bacteriology, in the College of Medicine, on one-fourth time, for four months beginning February 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 26, 1929)

Luce, Wilbur Marshall, Instructor in Zoology, for five months beginning February 1, 1929, at a cash compensation at the rate of two hundred dollars (\$200) a month. (February 12, 1929)

Mumm, Walter John, First Assistant and Instructor in Plant Breeding, in the Department of Agronomy, in the College of Agriculture and the Agricultural Experiment Station, beginning March 15, 1929, and continuing until August 31, 1929, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this superseding his previous appointment). (March 5, 1929)

Nedzel, Alexander J., Instructor in Pathology and Bacteriology, in the College of Medicine, on one-half time, for six months beginning March 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 26, 1929)

Olsen, Charlotte Theresa, Technician in the Department of Pathology and Bacteriology, in the College of Medicine, for six months beginning March 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (March 5, 1929)

Rhodes, Lorene J., Clerk and Stenographer in the Department of Physical Welfare, for six months beginning February 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of thirty-one dollars sixty-six and two-thirds cents (\$31.66 $\frac{2}{3}$) a month, in addition to sixty-three dollars thirty-three and one-third cents (\$63.33 $\frac{1}{3}$) a month to be paid by the Athletic Association, for which the University assumes no responsibility. (February 26, 1929)

Sanford, Florence Louise, Assistant in Botany, on one-half time, beginning February 8, 1929, and continuing until July 1, 1929, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 12, 1929)

Sellschop, Jacques Pierre, Research Assistant in Botany, on one-fourth time, beginning February 8, 1929, and continuing until July 1, 1929, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 12, 1929)

Singh, A. D., Special Research Assistant in Chemistry, for five months beginning February 1, 1929, at a cash compensation at the rate of sixty-two dollars fifty cents (\$62.50) a month. (February 12, 1929)

Stillman, Miriam, Chief Clerk in the Purchasing Department, in Chicago, for seven months beginning February 1, 1929, at a cash compensation at the rate of one hundred fifteen dollars (\$115) a month (this superseding her previous appointment). (February 12, 1929)

Van Arsdell, Paul M., Assistant in Economics, in the College of Commerce, beginning February 6, 1929, and continuing until June 30, 1929, at a cash compensation of seven hundred dollars (\$700) for the semester (this superseding his previous appointment). (February 12, 1929)

Vanek, Olga, Assistant in English, on two-thirds time, for five months beginning February 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month (this superseding her previous appointment). (February 12, 1929)

Walsh, T. J., Jr., Assistant in Chemistry, on one-fourth time, beginning March 1, 1929, and continuing until June 15, 1929, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (March 4, 1929)

Wertelusky, Evelyn, Dispensary Clerk, in the College of Medicine, for six months beginning March 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (February 28, 1929)

Williams, Judith M., Technician in Dentistry Research, in the College of Dentistry, for seven months beginning February 1, 1929, at a cash compensation at the rate of eighty dollars (\$80) a month. (February 18, 1929)

Zimmerman, George F. D., Assistant in Economics, in the College of Commerce, for five months beginning February 1, 1929, at a cash compensation of seven hundred dollars (\$700) for the semester (this superseding his previous appointment). (February 12, 1929)

The Board adjourned, to meet at the University at 9 a.m. on Wednesday, April 10, 1929.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

April 10, 1929



The April meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9 o'clock a.m. on Wednesday, April 10, 1929.

When the Board convened, the following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of March 12, 1929.

On motion of Mr. Trees, the third paragraph on page 143 was corrected to read as follows:

On motion of Dr. Noble, Mr. A. M. Burke of Champaign was elected Treasurer of the University, for the next term of office, on proper qualification and when he furnishes a satisfactory bond.

On motion of Mr. Trees, the minutes were approved, as corrected, as printed on pages 141 to 153 above.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

MEETING OF THE EXECUTIVE COMMITTEE, MARCH 25, 1929

(1) Minutes of a meeting of the Executive Committee:

A meeting of the Executive Committee was held at the Union League Club in Chicago on Monday, March 25, 1929. There were present: President J. W. Armstrong, Mr. Merle J. Trees, Mrs. Helen Grigsby, and President Kinley.

Director Huff presented plans for the proposed replacement of the wooden seats at the south end of the Stadium (see Board Minutes, December 11, 1928, page 97). It was moved by Mr. Trees that the general plans of the Stadium addition be approved, with the understanding that the structural design meets with the approval of the engineering department of the University in charge of reinforced concrete. The motion was carried.

At the request of Director Huff, President Armstrong of the Board appointed Mr. Trees to be present as the representative of the Board at the opening of the bids on this proposed addition to the Stadium.

The meeting adjourned.

J. W. ARMSTRONG
MERLE J. TREES
HELEN M. GRIGSBY

These minutes were received for record.

**BUDGET FOR USE OF CAPPER-KETCHAM FUNDS FOR
EXTENSION WORK**

(2) The so-called Capper-Ketcham Act passed by Congress last year and assented to by the General Assembly of Illinois provides \$20,000 a year in additional funds for the Extension Service of the University. The bill provides that 80 per cent be used in the counties and the remainder is available for local needs.

I submit herewith the following budget for the year 1928-29 which was approved by members of the Executive Committee of the Board, April 3, 1929:

Expense and Equipment

1. Wages of temporary employees.....	\$ 1 000
2. Office expense.....	250
3. Printing and publications.....	250
4. Travel.....	500
5. Reserve fund, unassigned.....	2 000
<i>Total, expense and equipment.....</i>	<i>\$ 4 000</i>

Salaries

Home Advisory Work

7 New County Home Advisers, term ending June 30, 1929.....\$ 7 000

Junior Club Work

9 County Junior Club Leaders, term ending June 30, 1929..... 6 300

3 District Junior Club Specialists, term ending June 30, 1929..... 2 700

Total salaries.....\$16 000

Total budget.....\$20 000

On motion of Mr. Trees, this action was confirmed and the budget was approved by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Dr. Noble.

SKATING RINK

(3) A request that Director Huff be heard concerning the plans for the skating rink.

This hearing was granted.

Director Huff made a statement concerning the plans.

On motion of Mr. Barr, it was voted to be the sense of the Board that the matter of entering into contracts by the Athletic Association for the construction of a skating rink should be deferred until the December meeting of the Board.

DIRECTORS OF THE ATHLETIC ASSOCIATION

(4) A recommendation that the following be appointed directors of the Athletic Association to serve until March, 1930.

Mr. GEORGE A. HUFF, Champaign
 Judge O. A. HARKER, Champaign
 Mr. A. R. HALL, Danville
 Professor F. A. RUSSELL, Urbana
 Mr. J. P. KRATZ, Monticello

On motion of Mrs. Evans, these directors were appointed.

APPROPRIATION TO THE DEPARTMENT OF CHEMISTRY

(5) Owing to the increase in the number of advanced students in Chemistry, the appropriation for expenses has proved inadequate, and Professor Adams is asking an additional appropriation. I, therefore, recommend an appropriation of \$4,000 from the Reserve and Contingent Fund for general supplies for the Chemistry Department.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Dr. Noble.

APPROPRIATION FOR BENEFICIARY OF W. F. KAISER

(6) W. F. Kaiser, Storekeeper in the Physical Plant, died April 2, 1929. The death benefit which accrued in his case amounts to \$864. I recommend that this amount be appropriated from the Reserve and Contingent Fund and that the Comptroller be authorized to make payment to his beneficiary.

On motion of Mr. Trees, this recommendation was approved, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Dr. Noble.

APPROPRIATION FOR ARCHEOLOGICAL EXPLORATIONS

(7) I recommend that an appropriation of \$600, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to meet the expenses of closing up present work on account of the Indian archeological explorations.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Dr. Noble.

APPROPRIATION FOR JOURNAL OF ENGLISH AND GERMANIC PHILOLOGY

(8) At the request of Dean Daniels of the Graduate School, I recommend that an appropriation of \$600 be made from the Reserve and Contingent Fund for the *Journal of English and Germanic Philology* to supplement the funds provided in the 1928-29 budget for the expense of printing for the year.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Dr. Noble.

PURCHASE AND FRAMING OF PICTURES AND PORTRAITS FOR COLLEGE OF MEDICINE

(9) Dean Davis requests permission to use \$200 from the Contingent Fund of the College of Medicine for the purchase and framing of pictures and portraits of noted physicians and scientists, to be hung in the Research Laboratory and Library. The Medical Library now has a collection of about forty-five photographs which could be framed at a cost of \$1 each, but it is desirable to purchase others to supplement this collection. I recommend that this expenditure be authorized.

On motion of Mr. Barr, this expenditure was authorized.

PURCHASE OF RADIUM FOR COLLEGE OF MEDICINE

(10) Dean Davis recommends the purchase of a supply of radium for the use of the Departments of Surgery, Obstetrics, Dermatology, and Roentgenology. He recommends the purchase of fifty milligrams of radium needles, costing \$3,500, and ten milligrams of radium plaques, costing \$700. If the radium is purchased it will be desirable to insure it against loss and theft, which insurance will cost \$143 a year.

I recommend that the purchase of radium needles and plaques be authorized, the total cost not to exceed \$4,200, and that the Comptroller be authorized to purchase insurance against loss or theft, the cost not to exceed \$143—all to be charged to the Special Equipment Fund of the College of Medicine.

On motion of Mr. Trees, this recommendation was approved.

REFUND OF FEE TO A. A. ROSENFELD

(11) The Council of Administration recommends that Mr. Arthur A. Rosenfeld, a former student of the senior class at the University, who was forced to drop out on February 20 on account of illness, be given a refund in full of the incidental fee which he paid for the second semester.

On motion of Mr. Barr, this refund was authorized.

COOPERATION WITH FOREST PRODUCTS LABORATORY OF THE UNITED STATES DEPARTMENT OF AGRICULTURE

(12) The Forest Products Laboratory of the United States Department of Agriculture at Madison, Wisconsin, has asked the University to cooperate with the laboratory in their research on wood and wood celluloses through Dr. George L. Clark of our Department of Chemistry. This work will involve no direct expense to the University but will bring to it the following advantages:

1. The X-Ray Laboratory of the Chemistry Department will be officially designated for exclusive fundamental studies of the X-Ray structures of wood celluloses and other related substances.

2. The work will be in line with Professor Clark's researches and will give the University opportunity to make discoveries for publication.

3. The publication of all results will be exclusively under the authority of the University.

4. The University will obtain specimens not available elsewhere.

I recommend that this cooperative work be authorized.

On motion of Mr. Simpson, this work was authorized.

LEAVE OF ABSENCE FOR PROFESSOR OLDFATHER

(13) On recommendation of Dean Babcock, I recommend that Professor Oldfather, Head of the Department of Classics, be given leave of absence with full pay from February 1 to September 1, 1929, on account of ill health. His work in the department has been, and will be, carried on by his colleagues without additional cost to the University.

On motion of Mr. Fisher, this leave was granted.

LEAVE OF ABSENCE FOR PROFESSOR WALTER L. SUMMERS

(14) On recommendation of Dean Harno I recommend that Professor Walter L. Summers, of the College of Law, be given leave of absence without pay for one year from September 1, 1929, to enable him to do legal research work for the Humble Oil and Refining Company and the Texas Gulf Sulphur Company, which is in his field of law.

On motion of Mr. Barr, this leave was granted.

LEAVE OF ABSENCE FOR PROFESSOR R. S. SMITH

(15) On recommendation of Dean Mumford I recommend that Dr. R. S. Smith, Professor of Soil Physics, be given a leave of absence for two weeks on full pay during the summer in order that he may examine the so-called Podsol soils which occur in northern New England, northern New York, northern Michigan, and northeastern Minnesota. In addition to this time on leave he plans to spend part of his vacation in making this study.

On motion of Mr. Trees, this leave was granted.

LEAVE OF ABSENCE FOR MISS METTA M. LOOMIS

(16) On recommendation of Dean Davis, concurred in by Director P. L. Windsor, I recommend that Miss Metta M. Loomis, Librarian in the College of Medicine, be given leave of absence for one month on full pay in order that she may spend the period from July 15 to September 15 in travel abroad, during which time she will promote the interests of the Medical College Library in Europe.

On motion of Mr. Fisher, this leave was granted.

LEAVE OF ABSENCE FOR MISS JOSIE B. HOUCHENS

(17) On recommendation of Director P. L. Windsor, I recommend that Miss Josie B. Houchens, Binding Librarian, be given leave of absence for one month without pay, to enable her to teach in the Columbia University Library School during the summer.

On motion of Mr. Barr, this leave was granted.

LEAVE OF ABSENCE FOR MISS ANNA C. GLOVER

(18) On recommendation of Dean Mumford, I recommend that Miss Anna C. Glover, Secretary of the Agricultural Experiment Station, and Manager of Publications, be given leave of absence for one and one-half months, dating from June 12, on full pay, in order that she may travel abroad.

On motion of Mrs. Grigsby, this leave was granted in recognition of loyal service without a break through many years.

LEAVE OF ABSENCE FOR MISS LILLIAN HART

(19) On recommendation of Dean Chadsey, I recommend that Miss Lillian Hart, Secretary of the College of Education, be given leave of absence for two months, without pay, since she wishes to spend the summer in travel abroad.

On motion of Mr. Simpson, this leave was granted.

LEAVE OF ABSENCE FOR PROFESSOR E. L. BOGART

(20) On request of Professor E. L. Bogart, Head of the Department of Economics, endorsed by Dean Thompson, I recommend that he be given a leave of absence for the year 1929-30 without pay, in order to accept a one-year appointment on the staff of Claremont College, to assist that institution in its organization.

On motion of Mr. Trees, this leave was granted.

GRADUATE FELLOWSHIPS AND SCHOLARSHIPS

(21) The following appointments have been made to fellowships and scholarships for the year 1929-30.

Accountancy	Henry M. Spack	Scholarship	\$300
Bacteriology	Florence L. Evans	Fellowship	400
Botany	Arthur D. Moinat	Fellowship	500
	George M. Shear	Fellowship	500
Chemistry	John J. Alexander	Scholarship	300
	Donald D. Coffman	Du Pont Fellowship	750
	Donald W. Davis	Fellowship	400
	John R. Doty	Scholarship	300
	Fred A. Dykins	Scholarship	300
	Horace B. Gillespie	Fellowship	500
	Clay M. Greer	Fellowship	500
	Vernal R. Hardy	Scholarship	300
	William F. Henry	Scholarship	300
	John C. Hillyer	Scholarship	300
	Eva D. Johnson	Scholarship	300
	Linwood A. Murray, Jr.	Scholarship	300
	Lucy W. Pickett	Carr Fellowship	750
	Bernard G. Smith	Scholarship	300
	Frederick D. Tuemmler	Scholarship	300

Classics	Mr. Audrey Diller.....	Fellowship	\$500	
	Jim Isbell.....	Scholarship	300	
	Mildred M. Madden.....	Fellowship	400	
	Oscar W. Reinmuth.....	Fellowship	400	
	Katharine S. Tubbs.....	Scholarship	300	
Economics	Leon A. Bosch.....	Scholarship	300	
	Milton M. Broeker.....	Scholarship	300	
	Virginia M. Thomas.....	Scholarship	300	
Education	Henry H. Kronenberg.....	Fellowship	400	
Electrical Engineer- ing	Liva M. Craft.....	Scholarship	300	
	Linus O. Hubbard.....	Scholarship	300	
English	Burnetta L. Ash.....	Scholarship	300	
	Linda Bernhart.....	Scholarship	300	
	James P. Brawner.....	Fellowship	400	
	Quincy Guy Burris.....	Fellowship	500	
	Mabel Deere.....	Scholarship	300	
	Byron H. Gibson.....	Fellowship	400	
	Einar I. Haugen.....	Fellowship	400	
	Mary E. Peirce.....	Scholarship	300	
	M. Imogene Ruff.....	Scholarship	300	
	Farm Organization and Management	Joseph Ackerman.....	Scholarship	300
		Sidney E. Ekblaw.....	Scholarship	300
	Geology	Oscar F. Ander.....	Fellowship	500
		Miles W. Dunnington.....	Scholarship	300
History	Freeland F. Penney.....	Fellowship	400	
	Leonard Bristow.....	Fellowship	500	
	Marvin W. DeJonge.....	Fellowship	400	
	Lois A. Engle.....	Scholarship	300	
	Frances Harshbarger.....	Fellowship	500	
	Henry W. Knerr.....	Scholarship	300	
	Helen K. McCoy.....	Scholarship	300	
	Alice D. Ream.....	Scholarship	300	
	George W. Starcher.....	Fellowship	500	
	Edwin W. Titt.....	Fellowship	400	
	Francis E. Wolever.....	Fellowship	400	
	Edward E. Anderson.....	Scholarship	300	
	Philosophy	Langford T. Bourland.....	Fellowship	500
		John R. Kerry.....	Scholarship	300
	Physics	George C. S. Benson.....	Fellowship	400
George A. Graham.....		Fellowship	500	
Political Science	Lucretia L. Hsley.....	Fellowship	400	
	John F. Miller.....	Scholarship	300	
	Ivan M. Stone.....	Fellowship	500	
Psychology	Emily H. Kniep.....	Scholarship	300	
Romance Languages	Hibernia Seay.....	Scholarship	300	
	Alanson G. Simpson.....	Scholarship	300	
	Elizabeth Wells.....	Scholarship	300	
Sociology	Wendell L. East.....	Scholarship	300	
Zoology	Samuel C. Kendeigh.....	Fellowship	500	
	Milton A. Miller.....	Scholarship	300	
	Edwin Tomlin.....	Scholarship	300	
	Burton N. Behling.....	Fellowship	600	
	Henry W. Blalock.....	Fellowship	600	
	Ernest J. Engquist.....	Scholarship	400	
	Lowell F. Huelster.....	Fellowship	600	
	Arthur E. A. Mueller.....	Scholarship	400	
Economics of Public Utilities	Charles E. Troxel.....	Scholarship	400	
	Leonard M. Zingler.....	Fellowship	600	

This report was received for record.

GIFT OF THE FLEISCHMANN YEAST COMPANY

(22) The Fleischmann Yeast Company of New York has offered the University a grant of \$3,500, to be known as the Fleischmann Research Fund, for a study by the College of Medicine of the effect of yeast on the digestive tract. The Company agrees to the conditions and restrictions which, under our rules, govern such investments. The first payment of \$1,750 toward this fund has already been received.

I recommend the acceptance of this offer.

On motion of Mrs. Evans, this gift was accepted.

GIFTS TO THE UNIVERSITY

(23) Under the authority given me by the rules of the Board, I have accepted the following gifts to the University:

1. From Mrs. J. W. Hays of Urbana, widow of the former Superintendent of Schools of Urbana, a collection of books and other literature on the History of Education in Illinois, covering more than a half century.

2. From Professor C. F. Hottes, Head of the Department of Botany, a set of sixty-six lantern slides illustrating important subjects in German architecture and German life, presented to the Department of German.

This report was received for record.

SUNDRY APPOINTMENTS FOR 1929-30

(24) I have made the following appointments for next year in positions already existing and at the salaries already provided, or less, and ask confirmation of my action:

Dr. Wilfrid Wilson of Carlisle, England, formerly a student at the Universities of London, Cambridge, and Amsterdam, Instructor in Mathematics at \$2,200 for one year.

Oliver K. Bower, Instructor in Mathematics at \$2,200.

Paul Cramer, two-thirds time Assistant in Mathematics at \$1,000.

Carl Walter Strom, two-thirds time Assistant in Mathematics at \$1,000.

John H. Butchart, two-thirds time Assistant in Mathematics at \$935.

Charles C. Hower of Conway, Arkansas, one-half time Assistant in Classics at \$700.

Curtis Lakeman Newcombe, of Morgantown, West Virginia, one-half time Assistant in Zoology at \$600.

Margery Washburn, Portland, Oregon, one-half time Assistant in Zoology at \$600.

On motion of Mr. Barr, the President's action was confirmed.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(25) The following report from the Comptroller on contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER FROM MARCH 8, 1929, TO APRIL 5, 1929

Contract executed under special authorization of the Board of Trustees in meeting of February 13, 1929, page 135 of Minutes:

Name	Amount	Date	Item
Ruhm Phosphate and Chemical Company and the Thomson Phosphate Company	\$1500 per annum payable quarterly	February 14, 1929	Gift to the University to be used for research on value of phosphate rock as fertilizer.

Miscellaneous contract executed under general regulations:

Name	Amount	Date	Item
Leonard Seed Company	\$180	February 21, 1929	Purchase of onion seed and delivery of onion sets

Lease contract executed under general regulations:

Leased to	Property	Rental	Date	Tenure
Illinois Bell Telephone Company	93 pairs of University underground cables	\$251 10 per annum	January 19, 1929	Indefinite from January 1, 1929

*PURCHASE ORDERS ISSUED IN MARCH AMOUNTING TO
\$1000 OR MORE*

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
Physical Plant	John Bennett	Stone and tile work	\$1275 93	Arranged by Supervising Architect
Animal Husbandry	King Brothers Company	Lambs	1440 00	Arranged by Head of Department
General Chemical Stores	E. H. Sargent and Company	Pyrex ware	5653 52	Placed at lowest standard discount for this quantity of this ware
Physical Plant	T. J. Foley Lumber Company	Lumber	1785 00	Competitive
Office Supply	J. W. Butler Paper Company	Paper	1260 00	Competitive
Supervising Architect	Mutchler Bros. Company	Oak tables	1562 00	Competitive
Physical Plant	Mississippi Valley Structural Steel Company	Structural steel	2300 00	Arranged by Supervising Architect

This report was received for record.

PRESENTATION OF "ALMA MATER" STATUE

(26) The Alumni Association reports that the "Alma Mater" statue group will be presented to the University at commencement time, and requests that someone be designated by the Board to accept it for the University.

On motion of Mr. Barr, the President of the Board and the President of the University were designated to accept this gift.

RELEASE OF RIGHT OF WAY ACROSS ALEDO EXPERIMENT FARM

(27) At the March meeting of the Board (Minutes, page 151) it was stated that the oral approval of the donor of the Experiment Field at Aledo had been secured for the location of a State Highway through the tract. The Board granted this right of way subject to the receipt of a release from the donor. Under direction of the Legal Counsel, this was done by securing a dedication of the right of way signed by the original grantor as well as by the President and Secretary of the Board. This dedication has been handed by me to the Secretary of the Board with the request that he or the Comptroller have it recorded, the report of that action to be made to the Board for record. The land is in part of the southeast quarter of Section 18, Township 14 North, Range 3 West. The original grantors are Archie G. Bridgford and Mollie T. Bridgford. As stated above, these join with the President and Secretary in granting this right of way.

This report was received for record.

REPORT OF COMMITTEE ON CARTER-PENNELL FARMS

(28) A meeting of the Committee on the Carter-Pennell farms, consisting of Deans Mumford and Ketchum, Professor Ruth Wardall of the Department of Home Economics, and the President of the University, was held in the President's Office on April 9. Dean Mumford, Director of the Agricultural Experiment Station, presented the report for the year ending February 28, 1929. The Committee examined this report and approved it for transmission to the Board of Trustees. I submit it herewith, and recommend that it be referred to the Committee on Agriculture for examination and report.

On motion of Mr. Trees, this report was referred to the Committee on Agriculture for examination and report.

**PATENT OF PHOSPHATE PROCESS FOR PREVENTION OF EMBRITTLE-
MENT OF STEEL IN BOILERS**

(29) The Committee on Patents recommends that the University file an application for the patent of a process for the prevention of embrittlement of steel in boilers through the use of phosphate, which has been developed by the Engineering Experiment Station in one of the cooperative investigations undertaken under agreement with the Utilities Research Commission. I am informed that the cost of securing the patent will not exceed \$1,000.

I recommend that the application for a patent of this process be authorized and that an appropriation of \$1,000, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for this purpose.

On motion of Mr. Barr, this recommendation was concurred in. The appropriation was made by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Dr. Noble.

COMMITTEE ON PRESIDENCY

(30) A statement concerning the Presidency of the University.

On request of President Kinley that the Board take steps looking toward the selection of his successor, and on motion of Mr. Trees, the President of the Board of Trustees was requested to appoint a special committee of three members of the Board, to serve with himself, to consider the matter of selecting a successor to President Kinley on his retirement, and to make recommendations to the Board.

President Armstrong later appointed the following members to serve with him on this committee: Mr. Barr, Mrs. Busey, Mr. Trees.

PURCHASE OF DENTAL BUILDING BONDS

(31) The Comptroller reports that he has just received advice that the owners of \$1,500 of six per cent bonds on the Dental Building due in 1932 would like to dispose of them, and requests that he be authorized to secure them if he can do so at par or less and accrued interest.

I concur in this recommendation and recommend that an appropriation of \$1,530, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for this purpose.

On motion of Mr. Trees, this recommendation was approved and the appropriation was made by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Dr. Noble.

REGISTRAR'S REPORT OF FEES

(32) The following report from the Registrar of fees assessed for the first semester of 1928-29:

REGISTRAR'S REPORT OF FEES ASSESSED*First Semester, 1928-1929***URBANA DEPARTMENTS**

	<i>Gross</i>	<i>TOTAL Refund</i>	<i>Net Total</i>
Matriculation.....	\$ 36 810 00	\$ 1 180 00	\$ 35 630 00
Incidental			
Resident.....	207 375 00	7 462 50	199 912 50
Non-resident.....	56 062 50	1 275 00	54 787 50
Thesis Work in Absentia.....	120 00		120 00
Tuition.....	1 462 50	213 75	1 248 75
Visitor's.....	176 25		176 25
Late Registration.....	940 00	265 00	675 00
Change.....	1 752 00	8 00	1 744 00
Special Examination.....	1 160 00	20 00	1 140 00
Special Fee in English.....	40 00		40 00
Transcript of Credits.....	202 50	50	202 00
Diploma.....	3 360 00	20 00	3 340 00
<i>Total General Fees, Urbana.....</i>	<i>\$309 460 75</i>	<i>10 444 75</i>	<i>\$299 016 00</i>
Laboratory Fees			
Agronomy.....	274 50		274 50
Anatomy.....	945 00	47 50	897 50
Athletic Coaching.....	533 00	31 00	502 00
Bacteriology.....	756 50	30 00	726 50
Botany.....	858 25	29 50	828 75
Ceramic Engineering.....	212 50	7 25	205 25
Chemistry.....	18 394 75	1 180 25	17 205 50
Civil Engineering.....	765 00	12 75	752 25
Dairy Husbandry.....	134 50	2 00	132 50
Electrical Engineering.....	577 50	3 75	573 75
Entomology.....	266 25	9 25	257 00
Farm Mechanics.....	149 00	3 75	145 25
General Engineering Drawing.....	909 00	58 00	851 00
Geology.....	463 50	16 50	447 00
Home Economics.....	1 299 00	36 00	1 263 00
Horticulture.....	626 75	31 75	595 00
Journalism.....	272 00	14 00	258 00
Law.....	84 00		84 00
Mechanical Engineering.....	1 872 50	29 00	1 843 50
Mining Engineering.....	21 00	4 00	17 00
Music.....	4 875 00	187 50	4 687 50
Physical Education (Women).....	2 394 00	84 00	2 310 00
Physics.....	2 714 00	113 50	2 600 50
Physiology.....	901 50	21 00	880 50
Psychology.....	31 25	2 00	29 25
Railway Engineering.....	6 00		6 00
T. & A. Mechanics.....	850 50	31 50	819 00
Zoology.....	1 667 50	56 48	1 611 02
<i>Total Laboratory Fees, Urbana.....</i>	<i>\$ 42 854 25</i>	<i>\$2 051 23</i>	<i>\$ 40 803 02</i>
<i>Total Fees, Urbana.....</i>	<i>\$352 315 00</i>	<i>\$12 495 98</i>	<i>\$339 819 02</i>

CHICAGO DEPARTMENTS*

Matriculation.....	\$ 4 620 00	\$ 150 00	\$ 4 470 00
Tuition.....	63 074 54	1 005 20	62 069 34
Late Registration.....	20 00		20 00
Transcript of Credits.....	10 00		10 00
Special Examination.....	320 00	5 00	315 00
Diploma.....	720 00		720 00
<i>Total General Fees, Chicago.....</i>	<i>\$ 68 764 54</i>	<i>\$ 1 160 20</i>	<i>\$ 67 604 34</i>
Laboratory Fees	18 757 50	846 50	17 911 00
<i>Total Fees, Chicago.....</i>	<i>\$ 87 522 04</i>	<i>\$ 2 006 70</i>	<i>\$ 85 515 34</i>
TOTAL FEES, UNIVERSITY.....	\$439 837 04	\$14 502 68	\$425 334 36

This report was received for record.

*Does not include a total of \$13,915.95 charged as deposits, breakage, infirmary, and locker fees. Of this amount \$552.95 was refunded.

REPORT OF AUDIT

The Secretary presented for record the report of the audit for the quarter ending December 31, 1928.

March 25, 1929

Board of Trustees, University of Illinois, Urbana, Illinois

DEAR SIRS,

We have audited the accounts of the University of Illinois for the quarter ending December 31, 1928.

We verified the account of Cash Receipts and Disbursements as shown by the books of the Business Office.

We have verified all items of Cash, Investments and Receivables as shown in the Balance Sheet.

We have also verified in total all disbursements made on account of the University by the State Auditor.

In our opinion the statements contained in the Comptroller's report reflect the true financial condition of the University at December 31, 1928.

Yours faithfully,

ARTHUR YOUNG & Co.

TREASURER'S BOND APPROVED

Mr. Trees presented, for the Finance Committee, the bond of the Treasurer, with certain letters concerning the responsibility of the sureties who signed the bond.

BOND

KNOW ALL MEN BY THESE PRESENTS, That we, ARTHUR M. BURKE, as Principal, and EUGENE I. BURKE, JOSEPH C. DODDS, ORIN L. PERCIVAL, DAVID B. WRIGHT, ARTHUR SHERIDAN, ALLEN F. MOORE, MATHEW W. BUSEY and ALMOND W. STOOLMAN, as sureties, are held and firmly bound unto the Board of Trustees of the University of Illinois, in the penal sum of One Million Five Hundred Thousand (\$1,500,000.00) Dollars lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our respective heirs, executors, administrators and assigns, and each of them, by these presents.

THE CONDITION of the above obligation is such that

WHEREAS, the above bounden ARTHUR M. BURKE, was on the 12th day of March, A.D. 1929, duly elected to the office of treasurer of the University of Illinois, for a period ending on the 12th day of March, A. D. 1931, or until his successor shall be appointed and qualified and is about to assume the duties of said office:

NOW, THEREFORE, if the said ARTHUR M. BURKE shall well and truly perform and faithfully discharge the duties of Treasurer of said University of Illinois, during his term of office, and shall faithfully keep and truly account for all moneys, bonds, securities or other property coming into his hands as such Treasurer, during his term of office, and shall pay when properly drawn and presented to him all warrants, authorized by the Board of Trustees of the University of Illinois, drawn against funds in his hands belonging to the said University of Illinois, and at the expiration of his term of office, on due request to him, shall pay over and deliver to his successor in office, or to any other person duly authorized by the Board of Trustees of said University of Illinois to receive the same, all moneys, bonds, securities or any other property received by him as such Treasurer and not otherwise lawfully paid out or disposed of, and shall deliver to his successor in office, or any other person appointed to receive the same, the property, papers, and other things in his hands belonging to said office, and shall at the expiration of his term of office, or oftener, if thereunto requested by the Board of Trustees of the said University of Illinois, render a just

and true account of his doings, as such Treasurer, then this obligation shall be null and void; otherwise to remain in full force and effect.

WITNESS OUR HANDS AND SEALS THIS 28th day of March A.D. 1929

ARTHUR M. BURKE
EUGENE I. BURKE
JOSEPH C. DODDS
ORIN L. PERCIVAL
DAVID B. WRIGHT
ARTHUR SHERIDAN
ALLEN F. MOORE
MATTHEW W. BUSEY
ALMOND W. STOOLMAN

STATE OF ILLINOIS }
CHAMPAIGN COUNTY } ss.

I, PAUL LAVERNWAY, a Notary Public in and for said County in the State aforesaid, do hereby certify that ARTHUR M. BURKE, EUGENE I. BURKE, JOSEPH C. DODDS, ORIN L. PERCIVAL, DAVID B. WRIGHT, ARTHUR SHERIDAN, ALLEN F. MOORE, MATHEW W. BUSEY and ALMOND W. STOOLMAN, who are personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed, and delivered the said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and notarial seal this 29th day of March A.D. 1929.

PAUL LAVERNWAY
Notary Public

Approved:

SVEINBJORN JOHNSON
Legal Counsel

On motion of Mr. Trees, this bond was approved.
At this point, Mr. Trees withdrew.

DATE OF MAY MEETING

On motion of Mr. Barr, it was voted to hold the May meeting at the University, in Urbana, at 9:30 a.m. on Friday, May 17, 1929.

STANDING COMMITTEES

The Secretary presented for record the list of standing committees of the Board, appointed by President Armstrong on March 28, 1929.

Buildings and Grounds—GEORGE A. BARR, Chairman, WILLIAM L. NOBLE, HELEN M. GRIGSBY, FRANK H. SIMPSON, MERLE J. TREES.

Finance—MERLE J. TREES, Chairman, MARY E. BUSEY, FRANK H. SIMPSON.

Engineering—FRANK H. SIMPSON, Chairman, WILLIAM L. NOBLE, MARY E. BUSEY.

Agriculture—MARY E. BUSEY, Chairman, FRANK H. SIMPSON, LAURA B. EVANS.

Chicago Departments—WILLIAM L. NOBLE, Chairman, GEORGE A. BARR, MERLE J. TREES.

Student Welfare—LAURA B. EVANS, Chairman, GEORGE A. BARR, HELEN M. GRIGSBY.

Instruction—HELEN M. GRIGSBY, Chairman, WALTER T. FISHER, FRANCIS G. BLAIR.

Library—WALTER T. FISHER, Chairman, WILLIAM L. NOBLE, LAURA B. EVANS.

Alumni—GEORGE A. BARR, Chairman, WALTER T. FISHER, MARY E. BUSEY.

Physical Education—MERLE J. TREES, Chairman, LAURA B. EVANS, GEORGE A. BARR.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record the following list of appointments made by the President of the University.

Bacon, Carl Alfons, Instructor in Gynecology and Obstetrics, in the College of Medicine, for six months beginning March 1, 1929, without salary. (April 8, 1929)¹

Berg, C. P., to give instruction in Chemistry in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, on four-fifths time, at a compensation of two hundred dollars (\$200) for the session. (January 28, 1929)

Campbell, Leo, to give instruction in Botany in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, on one-half time, at a compensation of one hundred twenty-five dollars (\$125) for the session. (February 20, 1929)

Carroll, Floy C., to give instruction in Library Science in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, at a compensation of two hundred sixty-six dollars sixty-six cents (\$266.66) for the session. (March 14, 1929)

Connelly, John Robert, Special Research Assistant in Mechanical Engineering, in the College of Engineering and the Engineering Experiment Station, beginning April 1, and continuing until further notice, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (March 13, 1929)

Dickinson, Burrus S., Assistant in Journalism, on three-fourths time, for four months beginning March 1, 1929, at a cash compensation at the rate of one hundred five dollars (\$105) a month (this superseding his previous appointment). (March 11, 1929)

Fleming, Naomi, Stenographer in the Office of the Legal Counsel, for five months beginning April 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (March 14, 1929)

Gaberman, Peter, Assistant in Dermatology, in the College of Medicine, on one-fifth time, for six months beginning March 1, 1929, at a cash compensation at the rate of twenty dollars (\$20) a month. (March 11, 1929)

Greathouse, G. A., to give instruction in Botany in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, on three-fifths time, at a compensation of one hundred fifty dollars (\$150) for the session. (February 20, 1929)

Halvorsen, Lars J., Student Assistant in the Air Corps Unit, in the Department of Military Science, for four months beginning March 1, 1929, at a cash compensation at the rate of ten dollars (\$10) a month. (March 14, 1929)

Henderson, Grace, Assistant State Leader in Home Economics Extension, in the Agricultural Extension Service, beginning May 15, 1929, and continuing until August 31, 1929, at a cash compensation at the rate of two hundred eight dollars thirty-three cents (\$208.33) a month. (March 19, 1929)

Jehle, Ida Mimi, to give instruction in German in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, on two-fifths time, at a compensation of one hundred dollars (\$100) for the session. (February 20, 1929)

Jones, Edith C., to give instruction in Library Science in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, at a compensation of three hundred sixty dollars (\$360) for the session. (February 20, 1929)

Kienholz, A. R., to give instruction in Botany in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, at a compensation of four hundred dollars (\$400) for the session. (February 20, 1929)

Kurtz, John William, to give instruction in German in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, on four-fifths time, at a compensation of two hundred dollars (\$200) for the session. (February 20, 1929)

Liebttag, Charlotte, to give instruction in Botany in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, on three-fifths time, at a compensation of one hundred fifty dollars (\$150) for the session. (February 20, 1929)

McCormick, R. N., to give instruction in Zoology in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, on three-fourths time, at a compensation of two hundred fifty dollars (\$250) for the session. (March 26, 1929)

¹The date in parenthesis is the date on which the appointment was made by the President of the University

Matthews, Jim P., to give instruction in Library Science in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, at a compensation of four hundred dollars (\$400) for the session. (March 14, 1929)

Miller, E. L., to give instruction in Zoology in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, on one-half time, at a compensation of one hundred twenty five dollars (\$125) for the session. (March 26, 1929)

Moore, Fritz, to give instruction in German in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, on four-fifths time, at a compensation of two hundred dollars (\$200) for the session. (February 20, 1929)

Nixon, Jessica, to give instruction in Swimming in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, at a compensation of three hundred seventy dollars (\$370) for the session. (January 28, 1929)

Norton, Helen, Clerk in the Auditor's Office, for five months beginning April 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred ten dollars (\$110) a month (this superseding her previous appointment). (March 28, 1929)

Rodkey, F. S., to give instruction in History in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, at a compensation of five hundred fifty dollars (\$550) for the session. (February 4, 1929)

Rosenbloom, Harold H., Instructor in Internal Medicine, in the College of Medicine, beginning March 15, 1929, and continuing until September 1, 1929, without salary. (March 19, 1929)

Seinfeld, Samuel Gero, Assistant in Internal Medicine, in the College of Medicine, beginning April 1, 1929, and continuing until September 1, 1929, without salary. (March 28, 1929)

Strom, Carl Walter, Assistant in Mathematics, teaching three hours, beginning March 25, 1929, and continuing until June 7, 1929, at a cash compensation at the rate of thirty dollars (\$30) a month. (March 25, 1929)

Weaver, Findley, to give instruction in Economics in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, at a compensation of two hundred fifty dollars (\$250) for the session. (February 20, 1929)

Werner, Charles D., to give instruction in Athletic Coaching in the Summer Session of 1929, beginning June 17 and ending July 27, 1929, at a compensation of three hundred dollars (\$300) for the session. (March 26, 1929)

Windus, Wallace, to give instruction in Chemistry in the Summer Session of 1929, beginning June 17 and ending August 10, 1929, on one-half time, at a compensation of one hundred twenty-five dollars (\$125) for the session. (January 28, 1929)

Woodruff, Wilbur John, Special Research Assistant in Mechanical Engineering, in the College of Engineering, and the Engineering Experiment Station, beginning April 8, 1929, and continuing until further notice, at a cash compensation at the rate of four hundred dollars (\$400) a month. (March 21, 1929)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

May 17, 1929



The May meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9:30 a.m. on Friday, May 17, 1929.

When the Board convened, the following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of April 10, 1929.

On motion of Dr. Noble, the minutes were approved as printed on pages 155 to 168 above.

HONORS DAY CONVOCATION

On motion of Mrs. Evans, the Board voted to take a recess at 9:45 a.m. in order to attend the Honors Day Convocation in a body.

MATTERS PRESENTED BY PRESIDENT KINLEY

After the recess, the Board considered the following matters presented by the President of the University.

AUDITORS' REPORT

(1) The report of Arthur Young & Company of their audit of the accounts of the University for the quarter ending March 31, 1929, accompanied by a letter explaining a statement in the report.

May 10, 1929

Board of Trustees, University of Illinois, Urbana, Illinois

DEAR SIRS,

We have completed the audit of the accounts of the University of Illinois for the quarter ending March 31, 1929, and now submit our report thereon together with our Certificate of Audit and the following details:

Schedule I Income Realized for the quarter ending March 31, 1929

Schedule II Cash Receipts and Disbursements for the quarter ending March 31, 1929

Appendix A Details of Examination and Verification

Appendix B System of Internal Check in Force

Appendix C Tentative Program for Regular Quarterly Audits

In accordance with your request we have made a detailed examination of the books and records of the Business Offices in Urbana and in Chicago and of the various Departments. Details of the work done are given in Appendices A and B. Income Realized and Cash Receipts and Disbursements are summarized in Schedules I and II, respectively. In Appendix C we submit a Tentative Program for Regular Quarterly Audits, on which we comment later.

We find that during the period covered by our audit, all income has been properly recorded and that all cash receipts have been promptly deposited with the Treasurer of the University. All disbursements are supported by vouchers properly prepared and duly authorized. Cash and securities have been verified by inspection, actual count and confirmation received direct from the depositories. Purchases have been made after obtaining quotations and competitive bids wherever practicable.

The system of accounting is well adapted to give a proper control of detail records and an adequate survey of financial condition and of operations. The entries in the journals, cash books and ledgers have been correctly footed and posted throughout.

Supporting documents, such as warrants, vouchers, sales tickets, cash reports, etc., in the Business Offices and in the various Departments were found properly filed and easy of access.

We have carefully investigated the system of internal check safeguarding the University's funds. A description of the more important features noted is given in Appendix B.

The Comptroller's report to the Board of Trustees for the quarter ending March 31, 1929, a copy of which accompanies our report, has been checked with the books in the Business Office and has been found in agreement throughout. This report exhibits the Balance Sheet, Trust Accounts and Appropriation Accounts as at March 31, 1929, in full detail, together with statements of operation, and we submit no additional statements other than Schedules I and II which contain figures for the quarter under audit only.

While we have found the system of accounting and of internal check very satisfactory, we offer the following recommendations:

1. To extend the practice of numbering blank forms so as to include those now in use which are not numbered, to-wit—

Forms Bursar 11-24 and 2-29-5823-S used in the collection of students' loans and interest thereon

Form 10-27-344-S used for report of money received by the Home Economics Department

Form 2-28-4110-S used for cash receipts vouchers in the Business Office in Chicago

Report of cash sales in the Dairy Department—This report has been made out on numbered forms until March 4, 1929, and thereafter on forms not numbered

2. To take up, from time to time, the files of sales tickets, sales books and daily cash reports kept in the various Departments and to check portions of them, selected at random, into the books of account. This would furnish an independent test of the accuracy of the records in the Business Office and would assure the Comptroller that the department files are being maintained in their present condition, which we found to be complete and orderly.
3. In order to facilitate comparison with the Registrar's records, the account, Income from Students' Fees, may advantageously be subdivided according to sources and semesters, as follows—
 - Tuition and Laboratory Fees, Urbana, Summer Session
 - Tuition and Laboratory Fees, Urbana, First Semester
 - Tuition and Laboratory Fees, Urbana, Second Semester
 - Tuition and Laboratory Fees, Chicago, Summer Session
 - Tuition and Laboratory Fees, Chicago, First Semester
 - Tuition and Laboratory Fees, Chicago, Second Semester
 - Diploma Fees, Urbana, for Diplomas Issued October 19
 - Diploma Fees, Urbana, for Diplomas Issued February 19
 - Diploma Fees, Urbana, for Diplomas Issued June 19
 - Diploma Fees, Chicago
 - High School Fees, Urbana
 - Locker Fees, Urbana
 - Locker Fees, Chicago

In conclusion we would state that while the audit for the quarter ending March 31, 1929, has been made in detail, the time occupied by regular quarterly audits may be shortened materially by restricting part of the work to substantial tests. These tests would extend along the different lines of investigation without, however, making a complete check of all items. In Appendix C we submit a Tentative Program of Audit which we consider adequate in connection with the system of accounting and of internal check now prevailing in the Business Office of the University of Illinois, with the changes recommended. If no irregularities are discovered in the course of an audit as outlined, we would feel entirely justified in issuing an unqualified certificate.

Yours faithfully,

ARTHUR YOUNG & Co.

CERTIFICATE OF AUDIT

May 10, 1929

Board of Trustees, University of Illinois, Urbana, Illinois

DEAR SIRs,

We have audited the accounts of the University of Illinois for the quarter ending March 31, 1929, and we hereby certify that, so far as we have been able to ascertain by a detailed audit,

All Income which the University should have received during the period stated has been received and duly accounted for.

All Disbursements have been made for University purposes and have been properly authorized, and the expenditures have been correctly recorded in the books of account.

The Cash and Securities as shown by the books as at March 31, 1929, are correct in amount and have been verified by actual inspection, count or direct confirmation from the depositories.

The Quarterly Report of the Comptroller to the Board of Trustees as at March 31, 1929, showing the Balance Sheet and Detailed Accounts as at that date, together with Statements of Operation for the nine months ending March 31, 1929, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,

ARTHUR YOUNG & Co.

SCHEDULE I		
INCOME REALIZED FOR THE QUARTER ENDING MARCH 31, 1929		
From State Funds:		
For Operation.....	\$1 163 101 76	
For Building.....	113 366 13	
For Other Purposes.....	4 252 39	
	\$1 280 720 28	
From Federal Funds:		
Smith-Lever Fund.....	\$ 119 812 17	
Hatch-Adams Fund.....	7 500 00	
Purnell Fund.....	12 500 00	
Interest on Endowment Fund from State Treasurer.....	16 225 33	
	156 037 50	
From Students' Fees:		
Gross Fees.....	\$ 365 140 57	
Less: Refunds.....	7 732 51	
	357 408 06	
From Residence Halls, Hospital and Tenant Properties.....		
From Sales and Miscellaneous Sources:		
Agricultural College and Experiment Station.....	\$ 68 459 68	
Colleges of Liberal Arts, Engineering and Graduate School.....	2 039 47	
Medical Dispensary and Dental Infirmary.....	14 600 17	
Administrative—Directories, Library Fines, etc.....	3 590 39	
Interest on Daily Bank Balances.....	6 835 15	
Miscellaneous.....	1 746 74	
	97 271 60	
Trust Income and Gifts:		
Interest on Students' Loans.....	\$ 2 469 28	
Interest on Bonds, Net.....	3 270 86	
Loss on Sale of Bonds, Net.....	015 81	
Sales of Farm Products.....	1 843 26	
Rent on Farm Land and Co-Operative Houses.....	747 95	
Entrance Examination and Sundry Fees.....	2 459 00	
Forfeits of Deposits on Uniforms, etc.....	444 53	
Gifts.....	41 094 25	
	51 713 32	
	\$1 991 406 07	

SCHEDULE II
CASH RECEIPTS AND DISBURSEMENTS
FOR THE QUARTER ENDING MARCH 31, 1929

	State Funds	General Fund	University Treasurer Trust Fund	Together	Total
BALANCE, JANUARY 1, 1929.....		\$898 019 53	\$165 939 74	\$1 063 959 27	\$1 063 959 27
RECEIPTS, JANUARY 1 TO MARCH 31, 1929:					
From State Funds.....	\$1 280 720 28				
From Federal Funds					
From United States Treasurer.....		139 812 17			
Interest on Endowment, from State Treasurer.....		16 225 33			
From Local Sources					
Students' Fees, Gross.....		365 140 57			
Dormitory.....		71 945 06			
Store Rooms.....		13 205 21			
Agricultural and Miscellaneous Cash Sales.....		56 213 13			
Collection of Accounts Receivable.....		71 305 01			
Refunds of Expenditures.....		6 384 55			
From Trust Funds					
Gifts.....			\$ 41 094 25		
Collection of Students' Loans.....			7 497 56		
Proceeds of Bond Sales, Net.....			5 581 88		
Deposits for Uniforms, etc.....			5 658 00		
Interest, Rent, etc.....			11 710 78		
Total Receipts.....	\$1 280 720 28	\$ 740 231 03	\$ 71 542 47	\$ 811 773 50	\$2 092 493 78
Total Debits.....	\$1 280 720 28	\$1 638 250 56	\$237 482 21	\$1 875 732 77	\$3 156 453 05
DISBURSEMENTS, JANUARY 1 TO MARCH 31, 1929:					
Appropriations.....	\$1 280 720 28	\$ 106 321 38			
Stores.....		281 334 49			
Resident Halls.....		32 711 38			
Trust Funds					
Loans to Students.....			\$ 19 240 00		
Interest Purchased, Attorneys' Fees, etc.....			1 546 46		
Expendable Funds, for Sundry Designated Purposes.....			48 278 91		
Adjustments to General Fund.....		265 00	265 00		
Total Disbursements.....	\$1 280 720 28	\$ 420 632 25	\$ 68 800 37	\$ 489 432 62	\$1 770 152 90
BALANCE, MARCH 31, 1929.....		\$1 217 618 31	\$168 681 84	\$1 386 300 15	\$1 386 300 15

APPENDIX A
*DETAILS OF EXAMINATION AND VERIFICATION FOR THE
QUARTER ENDING MARCH 31, 1929*

Sales tickets, sales books and daily cash reports kept in the various Departments have been checked into the cash receipts vouchers and the charge journals in the Business Office.

Students' fee cards on file in the office of the Registrar, of the Business Manager of the Chicago Departments and of the Principal of the University High School, together with the locker permits filed in the Bursar's Office have been totalled and agreed with the account of Income from Students' Fees.

Income from Trust Fund investments has been computed and agreed with the income shown by the Trust Fund accounts.

The Bursar's file of collections of students' loans and interest thereon has been checked into the cash receipts vouchers.

Purchase orders have been examined with respect to quotations and delivery of goods to the respective departments. In the case of competitive quotations, both the successful and the unsuccessful bids have been inspected. The records of the Purchase Department show that during the quarter under audit, eighty-four per cent of all purchases have been made after quotations had been obtained.

The Vouchers supporting all disbursements made through the State Auditor and the University Treasurer have been examined as to authorization, receipt of goods or services, agreement of prices with purchase orders, classification of expenditure and approval by the Comptroller and the Auditor. Pay roll vouchers have been checked against the file of Appointees certified by the Secretary of the Board of Trustees and the file of Employes certified by the State Civil Service Commission. In the case of temporary employes, the approval of the Head of the Department has been noted.

The lists of vouchers certified to the State Auditor and the warrants drawn on the University Treasurer have been checked into the cash disbursements book. The lists of vouchers paid and returned by the State Auditor have been checked against the lists of certified vouchers in the Business Office, and the State Auditor's statement of warrants paid has been agreed with the records of the Business Office, taking into account vouchers certified but not paid at March 31, 1929.

The signatures to the warrants drawn on the University Treasurer have been verified by presentation to the persons delegated by the Board of Trustees to sign warrants.

The cash receipts vouchers filed in the Bursar's Office have been examined as to supporting vouchers and have been checked into the cash receipts book. The cash receipts vouchers in the office of the Business Manager for the Chicago Departments have been checked against the deposits shown on the statements of the depository Bank.

The cash receipts book, cash disbursements book, the charge journals and the general journal have been footed and the postings to the general ledger have been checked.

The footings and balances of the general ledger accounts have been recalculated and proved correct.

The cash account with the University Treasurer has been checked against the statements rendered by the Treasurer, and the balance as at March 31, 1929, shown by the books has been reconciled with the balance shown by the statement of the Treasurer of the same date, taking into account warrants outstanding at March 31, 1929. Warrants outstanding at December 31, 1928, have been checked into the reconciliations prepared by us as at December 31, 1928, and as at March 31, 1929, respectively.

The amount shown to be in the hands of the University Treasurer at March 31, 1929, has been verified by confirmation received directly from the depository Bank and by inspection of certificates of deposit held by the Treasurer.

Petty cash funds have been verified by actual count and reconciliation with statements of depository Banks.

Trust fund investments have been verified by inspection and count of the securities.

Students' loans have been verified by inspection of the notes on file. The notes have been totalled and agreed with the controlling account in the general ledger.

Accounts Receivable.—The individual accounts in the accounts receivable ledger have been examined as to collectibility and have been totalled and agreed with the

controlling account in the general ledger. Of the total outstanding at March 31, 1929, 90 per cent were of March 1929 dating, 3 per cent December 1928 to February 1929, 7 per cent prior to December 1928.

Mortgage bonds payable have been verified by a certificate obtained from the Trustee.

Military deposits outstanding at March 31, 1929, have been verified by checking the file of duplicate deposit tickets against the register in the Bursar's office and agreeing the total of open items with the controlling ledger account.

The balances of the appropriation accounts have been totalled and agreed with the control accounts in the general ledger. The appropriation accounts kept in the office of the Business Manager of the Chicago Departments have been checked against the corresponding accounts at the Business Office in Urbana.

Stadium Fund.—Cash receipts and disbursements have been verified by inspecting the supporting vouchers and checking them into the cash book. The cash in Bank at March 31, 1929, has been confirmed to us by the depository Bank.

The bond of the University Treasurer, in the amount of \$1,500,000, and the bond of other Officers, Members of the Faculty and Employees, in a total of \$163,400 have been inspected.

Insurance in force at March 31, 1929, against losses by fire, windstorm, burglary, forgery and accidents, as shown by the insurance register, has been verified by inspection of the insurance policies.

The records of the meetings of the Board of Trustees on January 9, February 13 and March 12, 1929, have been examined. All actions affecting the finances of the period under audit have been given effect in the books of the Business Office.

The Comptroller's report to the Board of Trustees as at March 31, 1929, has been checked in detail into the books and has been found to be in agreement therewith.

The report of the Comptroller to the Governor of the State of Illinois, covering the state appropriations for the period from July 1, 1927, to March 31, 1929, and local funds receipts and disbursements for the quarter ending March 31, 1929, has been checked into the books and has been found to be in agreement therewith.

APPENDIX B SYSTEM OF INTERNAL CHECK IN FORCE MARCH 31, 1929

In all departments where the cash receipts are of sufficient volume, *cash registers* are in use. The keys are in the custody of a sub-cashier in the Bursar's office. The readings are taken by the sub-cashier and verified by the cashier of the department. The cash is then counted and taken up by the sub-cashier, and a duplicate cash receipts record is prepared, one copy of which remains in the department, the other being incorporated in the daily cash receipts vouchers prepared in the Bursar's office. Duplicate *cash sales tickets*, supporting the daily cash report, are made out by the Department, one copy going to the department files, the other to the cash receipts voucher in the Bursar's office. With a few exceptions, noted elsewhere in our report, all departmental cash records are made out on numbered stationery.

In the case of departments not receiving a sufficient amount of cash to warrant the use of a cash register, a numbered *bound book* containing duplicate sales tickets is issued to the department. A record is kept in the Bursar's office covering each sales book issued, with a space provided for each sales ticket, to be filled in as the tickets are sent in by the department. Each sales ticket is accounted for.

Charge sales tickets are likewise made out in duplicate on numbered forms, one copy being filed by the Department, the other being sent to the Bursar's office. Here it is posted to the accounts receivable ledger and listed on duplicate numbered *journal sheets*, separate sheets being prepared for each Department. One copy of the journal sheet is sent to the Department, the other is entered in an invoice register, the monthly totals of which are posted to the general ledger.

In the office of the Business Manager of the *Chicago Departments*, cash receipts vouchers are prepared in duplicate. The original is forwarded to the Bursar's office in Urbana; the duplicate, supported by sub-vouchers, is filed in the Chicago office. All cash received is deposited with the National Bank of the Republic, Chicago, for account of The Citizens State Bank, Champaign, Illinois, for credit of Arthur M. Burke, Treasurer.

A close control is exercised over the collection of *students' fees*. About 97 per cent of all fees are collected on registration days. The fee card originates in the office of the Registrar. Each card consists of a series of detachable coupons, all bearing the student's name, course of study, etc. The amount of each fee is filled in by the Registrar in accordance with a printed list showing the fee payable for each course. The fees charged are checked by the Auditor. On registration days, coupon 3 is detached and held by the Head Accountant, coupons 8 and 9 are handed to the Cashier. Coupon 9 is the student's receipt. From time to time, as the collection of fees proceeds, paid coupons 8, together with the cash received, are taken up by the Head Accountant; coupons 8 are then totalled and agreed with the total of the corresponding coupons 3. A receipt for the amount turned over is given to the Cashier and the cash is handed to a representative of the depository Bank, who issues a deposit ticket. Paid coupons 8 are filed in the Bursar's office; the corresponding coupons 3 are stamped Paid and sent to the Registrar's office. The Registrar now issues class cards for each student and forwards them to the Instructors in charge. No student is admitted to a class unless the Instructor has a card to that effect.

In exceptional cases, students who are not prepared to pay their fees are granted a short time allowance. This privilege is extended to them by the Comptroller in person. A *deferred fees list*, showing students' fees in arrears, is kept in the Bursar's office and collection is followed up closely.

Files of paid fee coupons, certified by the Bursar's office, are also maintained in the Chicago Business Office and in the office of the Principal of the University High School.

When the collection of each semester's fees has been completed, the Registrar renders a report to the Board of Trustees, showing the totals of all students' fees certified to him.

Collection of *students' loans* and interest thereon is made under the direction of the Bursar. A duplicate receipt is made out, the original for the student, the duplicate for the file of students' loan papers. A cash receipts record is then prepared in duplicate, showing all collections of principal and of interest for the day. One copy is placed in the Bursar's files, the other is filed with the general cash receipts voucher.

Bond interest coupons are clipped by the Treasurer, who has the custody of the securities. He forwards to the Bursar's office a deposit ticket for the amount, together with a detailed list of the coupons collected. This list is checked by the Bursar against the detailed securities ledger.

All cash received, both in Urbana and in Chicago, is deposited intact to the credit of the University Treasurer.

All disbursements are made by warrant, drawn either by the State Auditor, upon vouchers certified by the Business Office, or by local warrant drawn upon the Treasurer of the University. Petty expenditures are made from petty cash funds operated on the imprest plan.

Pay Rolls.—Prior to the issuance of warrants or certification to the State Auditor, all pay roll vouchers for Appointees and for Employees under the civil service system are checked against the certifications by the Secretary of the Board of Trustees and by the State Civil Service Commission, respectively. The pay of temporary employees is certified by the Head of the Department.

A valuable feature of the system of internal check is the rendering of *monthly statements* by the Business Office to the Heads of the various Departments. The detailed accounts of department income and of appropriations are typed in triplicate by the use of bookkeeping machines. The master sheet constitutes the ledger account; the duplicate, showing the transactions for the month, together with opening and closing balances, is sent to the Head of the Department, the triplicate to the Dean of the respective Colleges. This relieves the Departments of the burden of bookkeeping and furnishes them with current statements of income and expenditure, encumbrances and free balance. While the examination and detail checking of these reports is not obligatory upon the Heads of the Departments concerned, many, if not all of them are vitally interested in the status of their Departments and may be depended upon to detect and report any material errors committed.

APPENDIX C
TENTATIVE PROGRAM FOR REGULAR QUARTERLY AUDITS
MARCH 31, 1929

1. Examination of the general ledger accounts, proof of postings from books of original entry, proof of footings and balances.
2. Tracing into the cash books all cash receipts vouchers, vouchers certified to the State Auditor and warrants drawn on the University Treasurer; proof of footings of cash books and postings to the general ledger.
3. Comparison of totals of deposits, totals of warrants drawn and cash balance as shown by the records of the Business Office with the statements rendered by the Treasurer of the University.
4. Verification of cash balance by confirmation to be obtained direct from the depository bank and by inspection of certificates of deposit.
5. Verification of petty cash funds by actual count and by reconciling petty cashiers' bank balances with confirmations from the depository Banks. In the case of petty cash funds advanced to persons connected with the University but not located in Urbana, inspection of written acknowledgments in the hands of the Bursar.
6. Inspection of bonds, mortgages and other securities held by the Treasurer of the University and agreeing the securities seen with the securities ledger.
7. Inspection of trust fund notes receivable (students' loans) and totaling and agreeing them with the control account in the general ledger.
8. Checking the summaries of charge sales (journal sheets) into the invoice register; footing the invoice register and checking posting of totals to the general ledger.
9. Examination of accounts receivable ledger and agreeing total of balances with control account in the general ledger.
10. Balancing all general journal entries and checking posting to the general ledger.
11. Reconciling the State Auditor's statement of vouchers paid with the Business Office records of vouchers certified.
12. Detail examination of changes in non-expendable trust fund reserve.
13. Auditing the accounts of the Stadium Fund to the same extent as the accounts of the University.
14. Substantial tests of income, by comparing the original records of departments producing income, together with independent calculations, where applicable, with the records in the Business Office.
15. Examining a number of vouchers supporting the disbursements, as to authorization, receipt of goods and services, agreement with purchase orders, classification of expenditure and approval by the Comptroller and the Auditor. This examination should be more extensive with respect to local disbursements.
16. Examining the records of the meetings of the Board of Trustees with respect to all actions affecting the finances of the University, and noting the effect given them in the records of the Business Office.
17. Checking the Quarterly Report of the Comptroller to the Board of Trustees against the general and detail ledger accounts in the Business Office.
18. Auditing the books and records of the Business Office of the Chicago Departments to the same extent as those of the Business Office of the University at Urbana.

May 16, 1929

Board of Trustees, University of Illinois, Urbana, Illinois

DEAR SIRS,

In reference to the certificate which we have given concerning the audit of the accounts of the University for the quarter ending March 31, 1929, we wish to state that the expression "so far as we have been able to ascertain by a detailed audit" is not a qualification of our certificate.

We are perfectly satisfied that all of the income of the University has been received and accounted for. What we meant by the expression was that it is conceivable

that income should have been received from sources which are entirely unknown to the authorities of the University and which no amount of auditing would reveal.

So far as the records of the University are concerned all income to which the University is shown to be entitled has been received and accounted for.

Yours faithfully,

ARTHUR YOUNG & Co.

On motion of Dr. Noble, the report was received for record, the explanatory letter to be printed as a part of the report.

ASSISTANT PROFESSORSHIP IN SOCIOLOGY

(2) A request for authority to fill the position in Sociology made vacant by the withdrawal of Assistant Professor Theodore Abel, at a salary of \$3,500 a year.

On motion of Mrs. Busey, this authority was granted.

LICENSE FOR KUNZ PHOTO-ELECTRIC CELL

(3) A communication from the Committee on Patents, advisory to the President, concerning the license for use of the Kunz photo-electric cell.

On motion of Mr. Trees, this communication was referred to a special committee consisting of Mr. Fisher and Mr. Barr, for report to the Executive Committee for action.

MR. BARR TO SERVE ON EXECUTIVE COMMITTEE

On motion of Mrs. Evans, Mr. Barr was designated to serve as a member of the Executive Committee during the absence from the state of Mr. Trees this summer.

RETIREMENT OF PROFESSOR TOWNSEND

(4) Professor E. J. Townsend, Head of the Department of Mathematics, having reached the age of 65, asks to be retired as of August 31, 1929, under Section III, Paragraph (a) of the rules governing Retiring Allowances. He has been on the staff continuously since September 1, 1893. Dean Babcock recommends approval of his request and I concur.

On motion of Mrs. Busey, this request was granted.

HEAD OF DEPARTMENT OF PHYSICS

(5) A request for authority to appoint a successor to Professor A. P. Carman, Head of the Department of Physics, who retires on August 31, 1929.

On motion of Mr. Trees, this authority was granted.

APPOINTMENT OF DR. O. F. KAMPMEIER, HEAD OF DEPARTMENT OF ANATOMY

(6) On recommendation of Dean Davis, I recommend that Dr. O. F. Kampmeier, Professor of Anatomy, be appointed Head of the Department of Anatomy, beginning September 1, 1929, at an annual salary of \$6,000.

On motion of Dr. Noble, this appointment was made.

APPOINTMENT OF DR. FREDERIC E. LEE AS PROFESSOR OF ECONOMICS

(7) Dean Thompson and Professor Bogart recommend that Dr. Frederic E. Lee, at present American Trade Commissioner with the American Legation in London, be appointed Professor of Economics for two years from September 1, 1929, at an annual salary of \$6,000.

I concur.

On motion of Mrs. Evans, this appointment was made.

APPOINTMENT OF DR. JOHN THEODORE BUCHHOLZ AS PROFESSOR OF BOTANY

(8) On recommendation of Dean Babcock and Professor Hottes, I recommend that Dr. John Theodore Buchholz of the University of Texas be appointed Professor of Botany, beginning September 1, 1929, at an annual salary of \$6,000.

On motion of Mr. Barr, this appointment was made.

**APPOINTMENT OF DR. ARTHUR GIBSON VESTAL AS
ASSOCIATE PROFESSOR OF BOTANY**

(9) On recommendation of Dean Babcock and Professor Hottes, I recommend that Dr. Arthur Gibson Vestal of Stanford University be appointed Associate Professor of Botany, beginning September 1, 1929, at an annual salary of \$4,200.

On motion of Dr. Noble, this appointment was made.

APPOINTMENT OF DR. M. J. WASSERMAN

(10) On recommendation of Dean Thompson and Professor Bogart, I recommend that Dr. Max Judd Wasserman be appointed Assistant Professor of Economics for two years beginning September 1, 1929, at an annual salary of \$3,250.

On motion of Mr. Trees, this appointment was made.

**APPOINTMENT OF DR. HERBERT JOSEPH REICH, ASSISTANT
PROFESSOR OF ELECTRICAL ENGINEERING**

(11) On recommendation of Dean Ketchum, I recommend the appointment of Dr. Herbert Joseph Reich, Instructor of Physics at Cornell University, as Assistant Professor of Electrical Engineering, for one year beginning September 1, 1929, at a salary of \$3,000.

On motion of Mr. Fisher, this appointment was made.

**APPOINTMENT OF DR. M. H. HUNTER AS ACTING HEAD OF
THE DEPARTMENT OF ECONOMICS**

(12) Dean Thompson and Professor Bogart recommend that Dr. M. H. Hunter, Associate Professor of Economics, be appointed Acting Head of the Department for the year 1929-30.

I concur in this recommendation.

On motion of Mrs. Busey, this appointment was made.

**RESIGNATION OF PROFESSOR EDWARD A. BOYDEN,
PROFESSOR OF ANATOMY**

(13) I report the resignation of Professor Edward A. Boyden as Professor of Anatomy, to take effect at the end of the academic year. He has accepted a position at the University of Alabama.

This report was received for record.

**APPOINTMENT OF ANDREW J. CASNER AS
INSTRUCTOR IN LAW**

(14) Dean Harno recommends the appointment of Mr. Andrew J. Casner as Instructor in Law for ten months, beginning September 1, 1929, at a salary of \$2,500 for the period.

I concur in this recommendation.

On motion of Mrs. Grigsby, this appointment was made.

RESIGNATION OF ARTHUR G. ELDRIDGE

(15) A report of the resignation of Arthur G. Eldredge as Director of Photographic Laboratory and Instructor in Photography, to take effect June 30, 1929.

This report was received for record.

RESIGNATION OF MISS CORA K. MILLER

(16) A report that Miss Cora K. Miller, Assistant to the Dean of Women since 1924-25, has announced that she will not be able to accept reappointment for next year because she has decided to go on with advanced studies.

This report was received for record.

APPOINTMENTS TO THE STAFF FOR 1929-30

(17) I request confirmation of my action in approving in advance of the budget the following appointments for 1929-30 in positions already existing and at salaries already provided, or less:

In Botany

- Arthur Lee Shuck, Assistant, one-half time, \$600
- Luther Shaw, Assistant, one-half time, \$600
- Ruth Ellen Crabbe, Assistant, one-half time, \$600
- John William Mitchell, Assistant, one-half time, \$600
- Harold Ross McLarty, Assistant, one-quarter time, \$350
- Alton Anthony Lindsey, Assistant, one-half time, \$600
- Theodore Melrose Sperry, Assistant, one-half time, \$600

In Chemistry

- Ulrich Heubaum, Research Assistant, one-half time, \$800

In Classics

- Rozelle Parker Johnson, Assistant, one-half time, \$700

In English

- James Paul Brawner, Assistant, full-time, \$1,600
- Jesse Raymond Hurley, Assistant, one-third time, \$500
- Margaret Haynes Gates, Assistant, full-time, \$1,500
- John Allen Hamilton, Assistant, full-time, \$1,500
- Earl William Davidson, Assistant, full-time, \$1,700
- Paul Everett Reynolds, Assistant, two-thirds time, \$1,000
- Joseph A. Giddings, Assistant, full-time, \$1,600

In Mathematics

- Elizabeth M. Cooper, Assistant, two-thirds time, \$1,000
- Harold P. Rogers, Assistant, two-thirds time, \$1,000
- Marion T. Bird, Assistant, two-thirds time, \$935

In Political Science

- Waldo Emerson Waltz, Assistant, full-time, \$1,600

In Romance Languages

- James O. Swain, Assistant, full-time, \$1,600
- Isabel G. Balthazard, Assistant, full-time, \$1,500
- Edna Mae Goggin, Assistant, full-time, \$1,600
- John R. Young, Assistant, full-time, \$1,500

In Zoology

- Harry E. Hart, Assistant, half-time, \$600
- Lyle Edward Bamber, Assistant, half-time, \$700
- Dorothea Ruth Dowd, Assistant, half-time, \$600
- Arthur Lorimer Hjortland, Assistant, full-time, \$1,800
- J. D. Combs, Assistant, half-time, \$600
- John G. Mackin, Assistant, half-time, \$600

In Civil Engineering

- H. E. Schlenz, Instructor, full-time, \$2,250

In Physical Education (Physical Education and Athletic Coaching)

- Kenneth Charles Gerard, Assistant, full-time, \$1,800
- Archie Eugene Mathis, Assistant, full-time, \$2,000
- Chester Oscar Jackson, Assistant, full-time, \$2,200

Athletic Coaching

- Edgar Marvin Sain, Assistant, one-quarter time, \$500

In Mechanical Engineering

- Ralph L. Scorch, Assistant (Forge Laboratory), full-time, \$2,400

In German

- Gertrude H. Dunham, Assistant, half-time, \$750

On motion of Mr. Barr, this action was confirmed.

**MR. JOHN MEDLOCK APPOINTED TO BOARD OF EXAMINERS
IN ACCOUNTANCY**

(18) On recommendation of the Committee on Accountancy, I recommend the appointment of Mr. John Medlock, a resident partner of the firm of Price-Waterhouse & Company, as a member of the Board of Examiners in Accountancy for three years, from July 1, 1929, to fill the place which will be vacated by the expiration of the term of Mr. Harold Benington on June 30.

On motion of Mr. Barr, this appointment was made.

APPOINTMENTS TO THE FRANCIS J. PLYM FELLOWSHIP IN ARCHITECTURE AND THE PLYM SCHOLARSHIP IN ARCHITECTURAL ENGINEERING

(19) On recommendation of the Plym Fellowship Committee and the Plym Foreign Scholarship Committee, concurred in by Dean Ketchum, I recommend the following appointments:

William Piers Crane, II, of the class of 1928, as the Sixteenth Plym Fellow in Architecture.

Eldon Louis DeCosted, of the class of 1928, to the Sixth Plym Foreign Scholarship in Architectural Engineering.

On motion of Mr. Fisher, these appointments were made.

DEGREES OF DOCTOR OF MEDICINE AND CERTIFICATES IN MEDICINE

(20) I submit a list of candidates recommended by the University Senate on April 15 for certificates in Medicine as of February, 1929, and for the degree of Doctor of Medicine as of the date indicated in each case, and request authority to confer the degrees and to issue certificates and diplomas accordingly.

Certificate in Medicine

(as of February, 1929)

EDWIN WALDEMAR EDAHL, B.S.

WILLARD EDWIN KRAMER, A.B., B.S.

Degree of Doctor of Medicine

JOHN RICHARDSON ALEXANDER—February 14, 1929

HAROLD D CLAYBERG—December 1, 1928

EDWARD ALBERT GRABARSKI—December 31, 1928

CORNELIUS EDWARD HEALY—December 31, 1928

PAUL FREDERICK KIONKA—April 1, 1929

HAROLD WILLIAM KISHPAUGH—December 31, 1928

ALFRED LARSON—December 31, 1928

FRANCIS WILLIAM LOGAN—October 3, 1928

LEE ROY MCDANIEL—October 3, 1928

GEORGE MILLES—January 31, 1929

HERBERT THOMAS NASH—December 31, 1928

LOUIS PARMACEK—December 31, 1928

RALPH OTIS PETERSON—November 1, 1928

NICHOLAS ERNEST SODARO—January 31, 1929

FREDERICK BURNHAM WESTERN—December 31, 1928

On motion of Mrs. Evans, this authority was granted.

LEAVE OF ABSENCE FOR PROFESSOR H. C. M. CASE

(21) Dean Mumford recommends that Professor H. C. M. Case, Head of the Department of Farm Organization and Management, be given two weeks' leave of absence with pay during the coming summer so that he may spend his vacation period and this additional two weeks in an inspection of the agriculture of England and Scotland and in attending a conference on Agricultural Economics and Farm Management.

I concur.

On motion of Mr. Trees, this leave was granted.

LEAVE OF ABSENCE FOR PROFESSOR W. L. GAINES

(22) Dean Mumford recommends that Professor W. L. Gaines of the Dairy Department be given leave of one month on pay during the summer to be devoted, with his month's vacation, to the study of work in his line being carried on in the various experiment stations in the West and Southwest. Professor Gaines intends to drive his own car at his own expense visiting the stations in Arkansas, California, Texas, Missouri, and probably other places.

I concur in the recommendation.

On motion of Mrs. Grigsby, this leave was granted.

LEAVE OF ABSENCE FOR MISS FANNIE M. BROOKS

(23) Dean Mumford recommends, and I concur, that Miss Fannie M. Brooks, Assistant Professor of Home Economics Extension, be given a leave of absence for one month from July 13 to August 13, without pay, for travel in Europe.

On motion of Mrs. Evans, this leave was granted.

LEAVE OF ABSENCE FOR MR. C. M. LINSLEY

(24) Dean Mumford recommends that Mr. C. M. Linsley, Assistant Professor of Soils Extension, be given a month's leave of absence, without pay, during which time and during his vacation month he will visit various experiment stations in Europe. I concur.

On motion of Mrs. Busey, this leave was granted.

SICK LEAVE FOR DR. ALICE H. SULLIVAN

(25) Dean Babcock reports that Dr. Alice H. Sullivan, Associate in Psychology, will be unable to resume her teaching duties before the end of the semester, on account of illness. In the meantime her work will be taken care of by her colleagues.

Dean Babcock recommends, and I concur, that she be given sick leave for one month, beginning May 11, without reduction of pay.

On motion of Mrs. Evans, this leave was granted.

ABSENCE OF MR. D. A. ALBRECHT

(26) Dean Mumford reports that Mr. D. A. Albrecht, Assistant in Farm Mechanics in the College of Agriculture and the Experiment Station, was absent from April 1 to May 15 on account of a serious operation. His work during the present semester has been entirely in the Station and was postponed temporarily, so that it was not necessary for the Department to incur any expense on account of his absence.

This report was received for record.

EXTRA-HAZARDOUS CHARACTER OF EMPLOYMENT OF H. M. NEWELL IN DEPARTMENT OF HORTICULTURE

(27) On June 29, 1928 (page 751), the Board approved a policy of extending compensation for accidents to certain members of the faculty. Under this plan, work which is considered extra-hazardous must be previously approved as necessary for the work of the University, and specific recognition given by the Board of Trustees to the extra-hazardous character of the work before it is undertaken, if the University is to assume any responsibility in case of accident.

Under this provision, Dean Mumford requests authority for Mr. H. M. Newell, Assistant in Fruit and Vegetable Marketing in the Department of Horticulture, to go on with studies on certain fruit handling and shipping experiments, which work will require his riding on freight trains, being about railroad yards, and at times riding inside refrigerator cars for short distances, between May 6 and October 1, 1929.

I recommend that this work be recognized as being extra-hazardous, but necessary to the studies which are being carried on by the University, and that Mr. Newell be authorized to go on with it under the conditions mentioned.

On motion of Mr. Barr, this recommendation was approved.

REQUEST OF ETA KAPPA NU, HONORARY ELECTRICAL ENGINEERING FRATERNITY

(28) The Eta Kappa Nu Honorary Electrical Engineering Fraternity, which will celebrate on October 28, 1929, the twenty-fifth anniversary of its founding at the University, at which time it will hold its annual convention at Urbana, requests permission to place an appropriate marker on the campus commemorating the founding of the Fraternity. Their officers have in mind a boulder with a plate attached, and wish permission to place this boulder on the campus near where the Association was founded, which was under a tree on what was then the south campus, or else on some spot near the Electrical Engineering Laboratory. The Supervising Architect recommends that the Fraternity be given permission to place such a marker. I concur, with the proviso that the size, character, and location of the marker be subject to the approval of the Supervising Architect.

On motion of Mr. Trees, this recommendation was adopted.

REPORT OF MR. VITALE

(29) A request that Mr. Ferruccio Vitale, Landscape Architect, be permitted to present his report on the landscaping of the campus.

This request was granted, and Mr. Vitale read the following report:

GENTLEMEN:

By a resolution of your Board of Trustees on June 29, 1928, we were retained as consulting Landscape Architects to study, in collaboration with Mr. Charles A. Platt, Architect, and with James M. White, Supervising Architect, a comprehensive scheme of planting for the University especially in regard to the South Campus, a new plan for which had been prepared by Mr. Platt and had been accepted by your Board. The planting design was to be in harmony with, and serve as a setting for the imposing buildings located on the Campus and if modifications of the general plan, in regard to roads and walks alignments, seemed advisable suitable recommendations were to be made.

The undersigned visited the University on September 10th for the first time in order to make himself familiar with the aspect of the grounds, with the nature of the buildings, of vegetation, etc., and received every assistance from Mr. White, from whom he obtained a very clear idea of the needs of the University and of the planting requirements.

The undersigned visited again the University on October 8th and 9th, 1928, in order to check on the ground, in consultation with Mr. White, a very rough preliminary study. He also received from the office of the Supervising Architect additional plans and data.

Definite preliminary plans were then prepared and made ready for discussion by March 15th of this year. On March 22nd Mr. White, Mr. Platt and the undersigned had a conference at our office when the entire project was gone over in detail.

The plans submitted with this report show a design representing the best thought of the three collaborators.

We take this opportunity to express our appreciation of the intelligent help given to us by Professor Stanley White of the School of Landscape Architecture of your University. Professor White, while on a leave of absence, was in our employ for a time and contributed not only his thorough knowledge of local conditions, but valuable ideas as well.

The Problem

The astounding popularity of college and university training throughout the country is compelling all institutions for higher learning to look forward to ever increasing numbers of students and to make for them ever larger provisions in land, buildings and equipment. The need of a comprehensive scheme of architectural development was readily recognized by your Board as the only means of avoiding haphazard growth, duplication of effort and expense, and disharmony of result. The Platt plan was obtained embodying a conception of great dignity and of majestic scale, based upon sound American architectural tradition. This plan brings into organic relationship the old Campus with the new, and endeavors to establish a sound method of physical expansion maintaining order, balance, unity and, therefore, beauty.

The landscape setting of such an architectural conception is of the greatest importance. Charles F. McKim used to say that architecture is best enjoyed through trees. In such a problem planting should not merely be an external decoration of buildings, but should emphasize the plan, in majesty, in scale, in serenity and comfort. The plan of Illinois upon which the University is built dictated to Charles Platt a formal plan, the grandeur of which will be realized more and more as additional structures are built. To contribute by planting to the enhancement of that grandeur and to the maintenance of the dignity, unity and effectiveness of the formal plan is, in our opinion, the achievement which the landscape architect must endeavor to obtain.

The Design

On the basis of the above stated principles we are submitting to you a set of plans which you will find to embody a very simple scheme of planting design.

We have endeavored, first of all, to set all present and future buildings on appropriate broad terraces, defined by parapet walls, hedges, posts, etc., so that a well

defined architectural line be established along the malls and the avenues. These terraces should be free from small scale planting, such as shrubs and herbaceous plants, and the new buildings should not be covered with clinging vines which, in a very short time, will hide completely their architectural beauty. Vines may be used as accents over the doorways and windows only if they are of a sketchy, open type, such as *Wisteria*, *Actinidia*, *Celastrus scandens*, etc. As accents to the main entrances, trees on either side may be used, if they are susceptible of control, such as *Juniperus virginiana* or *Thuja occidentalis* var. *occidentalis* or *Taxus cuspidata*. But in the main the terraces should be an expanse of green interrupted only by necessary walks with benches alongside of them and trees, such as *Malus floribunda*, for shade, flower and silhouette values. The open vistas, so carefully studied by Mr. Platt in their length and width, in relation to the mass of his buildings, are the great malls of our plan. The arteries of traffic are avenues of single or double lines of trees according to the width of the building lines. Malls and avenues should be planted with long lived native trees, sufficiently diversified to relieve monotony and insure protection in case of an attack by disease upon a species, but not exaggerated at the expense of continuity of form, color and texture, and of the feeling of restraint and of serenity which is the fundamental conception of our design. In the malls the broad space between multiple rows of trees should be carefully graded and maintained as a lawn.

As a contrast to the great malls which constitute the principal elements of the new plan, the interior courts have a use and a character entirely their own. The scale there is reduced to something intimate and personal. There is little connection between the courts and the great spaces outside and none between one court and another. Each functions in its relations to the buildings which give it existence. Its value depends on the contrast it presents to the severity of the great malls.

Each court being entirely independent there may be as many modes of development as there are courts. They can provide seats where students take their work outdoors. They may have space devoted specifically to gardening or to other purposes. The typical plan would include trees for shade, seats, walks, perhaps hedges and occasionally a feature carrying some memorial significance.

As no single court has been completed this work must be postponed until the future but a suggestive arrangement of the space between the new Commerce and Architecture buildings may give an idea of the possibilities afforded.

Boundaries

Owing to the casual growth of the old campus there has never been any adequate expression of the boundaries, which should receive appropriate recognition. The problem is a difficult one because of the entire lack of conformity of existing structures to alignment, set-backs, architectural style or color and kind of building material.

In some places the set-back is sufficient to permit new treatment without much difficulty. At other points the situation is decidedly cramped. Any uniform architectural expression is practically out of the question.

The problem resolves itself into determining a medium which will provide an impressive, though not a formidable barrier. A low hedge would be inadequate in scale for such a position. The solution suggested is a double line of small trees of such habit that they would present a strong mass of foliage at a height of from fifteen to thirty feet above the level of the ground, at the same time allowing perfectly free range of vision below the branches. This kind of a marker for the boundary would permit very easy adaptation to a variety of conditions, sometimes receiving the main sidewalk, sometimes changing to a single line to permit of more light for a building, sometimes breaking around a facade or across an important point of access.

The species indicated for this purpose is the *Carpinus caroliniana* or American hornbeam, a tree of good form and rugged constitution capable of withstanding difficult conditions of exposure. It will agree in general effect with the elms that are already established.

Gateways

At critical points where there are natural places for entrance and exit there should be provided, sooner or later, some dignified form of gateway in architecture suitable to the position. The Green Street approaches from the East and West should be given treatment comparable to their importance. The new points of access at Sixth Street, and at Goodwin Avenue should have suitable recognition and the approaches at Armory Avenue and at Mathews Avenue also.

Minor gateways are needed at many of the intermediate points centering on the various streets as occasion demands. Such gateways have been successfully provided in other universities through the interest of the alumni and friends and are particularly appropriate for memorials.

Plant Types

In a region so rich in plant materials as Illinois it would be easy to recommend a very large number of trees, both deciduous and evergreen, and to diversify so abundantly their selection for the avenues and the malls as to add a great deal of interest to the plan from a botanical point of view. But, as we have already remarked, such a tempting course would tend to minimize the impressiveness and the serenity of the planting design. We have, therefore, selected very few species or varieties and have shown them clearly on the plans, indicating also the number required. Great prominence has been given to the American elm as, thanks to the foresight of the university pioneers, it is already conspicuously established and has, therefore, great traditional value. No tree is more majestic nor better adapted in form and in scale to form the setting of the University's new buildings.

A new note has been introduced by the use of a few varieties of the Crabapple. This tree is a native of Illinois, is correct in size, form and scale for the purposes indicated in plan and elevation upon the terraces. The season of their bloom will eventually have an association value at a time of year when the academic program is drawing to a close.

For low hedges the *Taxus cuspidata* (Japanese yew) is recommended and for higher ones *Thuja occidentalis* *wareana* (Siberian arborvitae). The former is of slow growth, does not need trimming more than once a year, has proved its adaptability to local conditions and can easily be maintained at a uniform height of three to four feet. The latter is exceedingly hardy, and is easily obtainable at moderate cost. *Tsuga canadensis* or *caroliniana* (Canadian or Carolina hemlock) can also be used for the same purpose, if not exposed to wind or scorching sun.

Nursery

We recommend that at an early date a parcel of land of about twenty acres be selected and set aside for the purpose of maintaining a nursery. In this area all plants required for the ultimate development of the campus should be grown, not only as an efficient and economical method of production, but also to maintain uniformity of size and age among the trees required to carry out the plan at long intervals of time.

This recommendation is made especially in regard to the trees for the malls and for the avenues and for the hedge materials.

Planting Revisions

During the period of reconstruction of the older parts of the campus when existing buildings are serving out their terms of usefulness, it is wise to change the present layout as little as possible, merely taking care of current needs as occasion demands.

The complexity of the old development does not lend itself to a new scheme of improvement without a disproportionate and unreasonable expenditure. As the more ancient parts of the plan are revised into the new schedule, it is reasonable to retain wherever possible the nonconforming incidents, such as old trees simply for the sentimental interest that is attached to them. It is, therefore, strongly suggested that changes of the physiognomy of the old campus be avoided except for conspicuously valid improvements.

In the North campus, South of Green Street there is at present an area heavily planted. Our plan shows which portion of it should be retained, encouraged and added to and which portion should be cleared in time. In the new campus the forestry has been retained in the main, in spite of its incongruous medley of species and varieties of trees, as now that its original purpose is apparently fulfilled, it still retains a value as a background to the Women's area, as a separation between campus and town and as a terminal of an important cross axis. It is recommended, however, that the present policy of thinning out be continued and that, in connection with the new flower garden, the vistas indicated in the plan be cut through.

If the planting plan of the South campus is to be carried out, it may be necessary to make some readjustments in the alignment of the Memorial Elms on Gregory Drive, Sixth Street and South Drive. Our knowledge of their exact location is not

sufficient to determine this. But, if a readjustment is necessary, we recommend that it be done at an early date when the trees are still young, and, therefore, the cost of moving them and the danger of losses are small.

The new buildings are now being rapidly covered by clinging vines. These vines should, in our opinion be removed at an early date, and others such as Actinidia, Celastrus, etc., planted with a view of framing the doorways. Likewise the shrubbery and herbaceous materials placed at the entrances and at the corners should be taken out as they are incongruous and out of scale.

The Flower Garden

The adopted University plan contemplates the ultimate removal of the existing flower gardens. These gardens have had in the past an educational value not only for the students but also for a very large number of visitors from all parts of the State. Such an important educational element should, therefore, be provided for in the new plan.

We have indicated an area to be set aside for this purpose at the easterly end of the cross axis through the women's athletic field. If a water basin were designed and constructed at this point for the purpose of ending appropriately that important axis, a garden of charm and interest could be located around it. This is a subject which requires separate study. The point to be made now in this connection is that, if this garden is to have a beneficial educational value for the people of the State of Illinois, the design must be obtained by the best talent available and its execution and maintenance must be entrusted to men of a high degree of skill.

Plan Revisions

In accordance with instructions and suggestions received from your Supervising Architect and in collaboration with Mr. Platt, several revisions of the plan in matters of detailed alignment of streets and walks have been made and a new plan for the women's dormitory and athletic field area is submitted. In the future, undoubtedly, further revisions will be necessary. May we suggest that at the present time a comprehensive, accurate topographic survey be made of existing conditions and that upon this survey be recorded, from time to time, the changes brought about by the execution of the plan so that in the future studies can be made without the loss of time entailed by the piecing together of fragmentary data. Such a record survey will be useful also, in conjunction with the plans herewith submitted, in formulating a policy for the execution of the scheme of building and landscape development as a unit, and for the preparation of estimates for appropriation purposes.

Conclusion

An examination of the plans and of this report will make clear, we believe, that our endeavor throughout our studies, has been mainly directed to the devising of a planting design which will give, in the course of time, a maximum of impressiveness with utmost simplicity. For many years to come, undoubtedly, the South Campus will have a bare and uninviting appearance, even if the trees planted are of a fair nursery size, but in the eternal life of the University the day will come when the vision of the present builders will be fully realized. It is, therefore, very much worth while to adopt now the policy of making the present subordinate to the future and jealously to watch for and to prevent opportunistic endeavors to deviate from it. We feel confident that, ultimately, the planting scheme submitted will be found adequate, in majestic scale and in harmony with the serenity of an institution of learning.

Respectfully submitted,

FERRUCCIO VITALE

Plans Appended¹

Rendered General Plan

- U1-7 Key Plan
- U1-5 Planting Plan: North Campus—Section C
- U1-4 Planting Plan: South Campus—Section B
- U1-3 Planting Plan: Women's Athletic Area—Section A
- U1-6 Typical Section and Plan of Terraces
- U1-8 Suggested Development of an Interior Court

¹The plans mentioned were displayed to the Board and were taken in charge by the Supervising Architect.

On motion of Dr. Noble, this report was received for record, and the special committee on landscaping was discharged.

On motion of Mr. Fisher, the Board voted to extend to Mr. Vitale an expression of its appreciation of the valuable report presented by Mr. Vitale.

On motion of Dr. Noble, the President of the Board was requested to appoint a committee of three members of the Board, to consider the campus planting, to work as a sub-committee of the Committee on Buildings and Grounds. President Armstrong later appointed Mr. Trees, Chairman, Mrs. Grigsby, and Mr. Fisher.

On motion of Mr. Trees, Mr. Vitale's report was referred to this sub-committee for further study and report.

APPROPRIATION FOR BUILDING STUDIES

(30) On request of the Supervising Architect I recommend that an appropriation of \$5,000 be made from the Reserve and Contingent Fund as a revolving fund for expense of working drawings for new buildings, in the Supervising Architect's Office.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

EXPERIMENTAL SPRAYING OF PEACH ORCHARDS

(31) A request for authority to approve proposed contracts with Mr. C. J. Thomas, of Carbondale, and Mr. F. L. Graves, of Villa Ridge, connected with an experiment in spraying peach orchards by the Department of Horticulture, when satisfied that the proposed contracts sufficiently protect the University, and are duly approved by the Legal Counsel.

On motion of Mrs. Grigsby, this authority was granted.

APPROPRIATION FOR INSECTARY

(32) On request of Professor C. L. Metcalf, Head of the Department of Entomology, endorsed by Dean Babcock and Professor White, I recommend that an appropriation of \$1,200, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for the erection of a small insectary adjoining the Entomology Building.

The insectary is needed for the following purposes:

(a) To permit the Department to rear insects for study and for use in the classroom.

(b) To keep a variety of insects alive on growing plants and in soil, and aquatic insects in water during the entire year.

(c) The room will be used by every member of the staff and by graduate students in connection with their research problems.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson, Mr. Trees.

BOARD OF TRUSTEES APPROPRIATION

The President of the Board reported that he had authorized a detailed audit of the University accounts for the quarter ending March 31, 1929, after consultation with the members of the Executive Committee.

On recommendation of the Comptroller, approved by the President of the University, and on motion of Mrs. Grigsby, \$1,300 was appropriated to Board of Trustees expense, from the Reserve and

Contingent Fund, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Simpson, Mr. Trees.

APPROPRIATION FOR HEALTH SERVICE

(33) On request of Doctor Beard, approved by the Comptroller, I recommend that an appropriation of \$800 be made from the Reserve and Contingent Fund to the Health Service to supplement its expense and equipment budget.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

PUBLICATION OF FEDERAL AND STATE LAWS CONCERNING THE UNIVERSITY

(34) The Director of the University Press reports that the supply of booklets containing the laws of the United States and the State of Illinois concerning the University is practically exhausted and raises the question whether a new set should not be published.

He estimates that it will cost not over \$750 for a booklet of from 120 to 160 pages.

I recommend that an appropriation of \$750, or so much thereof as may be necessary, be appropriated for the reprint of this booklet, and that there be included all of the opinions of the Attorney General and the Legal Counsel affecting the University.

On motion of Mrs. Grigsby, this recommendation was adopted. The appropriation was made by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

APPROPRIATION FOR "PUBLISHERS' TRADE LIST ANNUAL"

(35) On recommendation of the Director of the University Press, seconded by Librarian Windsor and approved by the Comptroller, I recommend that an appropriation of \$500, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to the University Press, for the publication in the "Publishers' Trade List Annual" of a catalog of the publications of the University, and for extra copies of this catalog.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

APPROPRIATION FOR MEETING OF FEDERATION OF ILLINOIS COLLEGES

(36) I request authority to invite the Federation of Illinois Colleges to hold their annual convention at the University in February, 1930, and recommend that an appropriation of \$500, or so much thereof as may be necessary, be made for the expenses of this convention.

On motion of Dr. Noble, this authority was granted. The appropriation was made by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Grigsby, Mr. Simpson.

APPROPRIATION FOR BENEFICIARY OF W. F. KAISER

(37) The Comptroller reports that in computing the death benefit in the case of Mr. W. F. Kaiser an error was made in his office as to the amount which was payable under

the rules. The correct amount is \$960 instead of \$864, which he recommended, and which was appropriated at the meeting on April 10.

Therefore I recommend that an additional appropriation of \$96 be made from the Reserve and Contingent Fund to make the full payment.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Grigsby, Mr. Simpson.

APPROPRIATION FOR DEPARTMENT OF ANIMAL HUSBANDRY

(38) Dean Mumford approves and recommends for your approval a request from Professor Rusk that \$6,300 of anticipated excess receipts of the Department of Animal Husbandry be appropriated to the Department, distributed as follows:

General and Farming (College)	\$1 250
Meats (Station)	600
Sheep (Station)	200
Animal Pathology (Station)	4 250

I concur.

On motion of Mrs. Busey, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Grigsby, Mr. Simpson.

APPROPRIATION OF PURNELL FUNDS

(39) Dean Mumford requests that the balance of \$3,144.45 in the Purnell Expense and Equipment Budget, which is subject to appropriation, and the sum of \$2,500, which was provided in the Purnell Administration Salaries Budget for a "Rural Sociologist," but which was not used because no suitable person could be secured for the position, be released and assigned for the following purposes:

For the publication of sundry agricultural bulletins	\$2 300 00
For the use of various departments on assignment by the Dean ..	3 344 45

I recommend approval.

On motion of Mr. Trees, this recommendation was adopted, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

CONTRACTS FOR REMODELING OF THE ELECTRICAL ENGINEERING LABORATORY

(40) The Supervising Architect submits the following schedule of bids received for the general work, heating, plumbing, ventilating, and wiring, for the remodeling of the Electrical Engineering Laboratory, for which an appropriation of \$50,000 was made at the Board Meeting on December 11, 1928:

May 14, 1929

President David Kinley, 355 Administration West

DEAR PRESIDENT KINLEY:

Bids were opened at 11:00 o'clock this morning in my office, as advertised, for the Remodeling of the Electrical Engineering Laboratory, with Mr. Cunningham present for the Board of Trustees.

The following bids were received:

General Work

A. W. Stoolman, Champaign	\$28 987 00
Sowers & Corkery, Urbana	29 172 00
English Bros., Champaign	31 000 00
J. H. Hunzinger & Co., Inc., Davenport, Ia.	33 425 00

Heating

Johnson Bros., Champaign	\$3 274 00
Square Deal Plumbing & Heating Co., Champaign	3 630 00

Reliable Plumbing & Heating Co., Champaign.....	3 700 00
Champaign Plumbing & Heating Co., Champaign.....	3 750 00
O. L. Kern, Urbana.....	3 770 00
Walsh & Clancy, Champaign.....	3 780 00
The Carson-Payson Co., Danville.....	3 997 00
Carstens Bros., Ackley, Ia.....	4 875 00

Plumbing

Johnson Bros., Champaign.....	\$1 251 00
Champaign Plumbing & Heating Co., Champaign.....	1 423 00
O. L. Kern, Urbana.....	1 519 00
Square Deal Plumbing & Heating Co., Champaign.....	1 538 00
Walsh & Clancy, Champaign.....	1 554 00
Reliable Plumbing & Heating Co., Champaign.....	1 584 00
The Carson-Payson Co., Danville.....	1 749 00

Ventilating

Harry Derrough, Champaign.....	\$1 670 00
The Carson-Payson Co., Danville.....	1 720 00
Henry Reuter & Sons, Kankakee.....	1 850 00
Carstens Bros., Ackley, Ia.....	2 766 00

Wiring

Hughes-Krabbe, Champaign.....	\$ 620 00
Marrs-Tanner Electric Co., Danville.....	938 00
Carstens Bros., Ackley, Ia.....	2 975 00

The deduction from each of the low bids for the omission of the surety bond is:

General Work.....	\$340 00
Heating.....	49 00
Plumbing.....	19 00
Ventilating.....	25 00
Wiring.....	10 00
	<u>\$443 00</u>

I recommend that the contracts be awarded to the low bidder in each case, and as they are all local responsible contractors, I further recommend that we award these contracts without bond, as follows:

General Work—A. W. Stoolman.....	\$28 647 00
Heating—Johnson Bros.....	3 225 00
Plumbing—Johnson Bros.....	1 232 00
Ventilating—Harry Derrough.....	1 645 00
Wiring—Hughes-Krabbe.....	610 00

These contracts are chargeable to the appropriation of \$50,000 made by the Board of Trustees at their meeting of December 11, 1928.

Yours very truly,

JAMES M. WHITE,
Supervising Architect

He recommends that the contracts be awarded to the following low bidders in each case.

General Work—A. W. Stoolman.....	\$28 987 00
Heating—Johnson Bros.....	3 274 00
Plumbing—Johnson Bros.....	1 251 00
Ventilating—Harry Derrough.....	1 670 00
Wiring—Hughes-Krabbe.....	620 00

I concur in these recommendations.

On motion of Mrs. Busey, the contracts were awarded to the low bidders in each case, the contractors to furnish acceptable bonds.

**BIDS ON LINOLEUM FOR NEW LIBRARY, LINCOLN HALL ADDITION,
AND MATERIALS TESTING LABORATORY**

(41) The Supervising Architect submits the following schedule of bids on linoleum for the third unit of the Library, for the addition to Lincoln Hall and for the Materials Testing Laboratory:

BIDS ON LINOLEUM
LIBRARY ADDITION NO. 3, LINCOLN HALL ADDITION, AND MATERIALS TESTING LABORATORY
April 29, 1929

<i>Bidders</i>	<i>Library Addition No. 3</i>	<i>Lincoln Hall Addition</i>	<i>Materials Testing Laboratory</i>	<i>Brass Edging</i>	<i>Total</i>	<i>Deduction per yd. for omission of Library Addition No. 3 \$1 79</i>
Bachmann Company, Inc. Decatur, Ill.	\$4 666 60	\$3 492 16	\$2 298 56		\$10 457 32*	
C. A. Kiler Champaign, Ill.	3 436 58 (1548 yds.) ¹	4 204 68 (1894 yds.) ¹	2 624 04 (1182 yds.) ¹	\$262 50 300 ft.	10 527 78† (4624 yds.) ¹	2 22
Gus J. Dahl Co. Chicago, Ill.	4 921 56	3 802 68	2 700 81	Add 20c ft.	11 425 05‡	1 89
Certainteed Products Corp. Rockford, Ill.	5 196 00	3 792 00	2 647 00		11 635 00‡	1 97
Illinois Printing Co. Danville, Ill.	5 488 00	4 095 00	2 757 00		12 340 00*	2 05
W. Lewis & Co. Champaign, Ill.					13 216 00‡	
Wm. Slater, Jr. Chicago, Ill.	5 770 50	4 377 00	3 110 00		13 257 50‡	2 13
Block & Kuhl Peoria, Ill.	6 018 00	4 505 63	2 913 60		13 437 23*	

*Indicates Bonded Floors Co. Product.
†Indicates Gold Seal or W & J Sloane Linoleum.
¹Insufficient yardage figured.
²Indicates Congoleum-Nairn.
³Indicates Certainteed Battleship Linoleum.
⁴Indicates Armstrong Cork Co. Linoleum.

JAMES M. WHITE
Supervising Architect

He recommends that the contract be awarded to the Bachmann Company, Inc., of Decatur, the lowest bidders, on the basis of their bid as follows, but with the reservation that the quantity of linoleum for the Library may be reduced from the amount specified if there is a shortage of funds:

Third Unit—New Library.....	\$4 666 60
Lincoln Hall Addition.....	3 492 16
Materials Testing Laboratory.....	2 298 56

I concur in this recommendation.

On motion of Mrs. Evans, this contract was awarded to the lowest bidder as recommended.

CONTRACT FOR LIGHTING FIXTURES FOR LIBRARY UNIT, LINCOLN HALL ADDITION, AND MATERIALS TESTING LABORATORY

(42) The Supervising Architect submits the following schedule of bids received on lighting fixtures for the third unit of the new Library, the Lincoln Hall Addition, and the Materials Testing Laboratory:

BIDDERS FOR LIGHTING FIXTURES
LIBRARY ADDITION NO. 3, LINCOLN HALL ADDITION, MATERIALS TESTING LABORATORY

Bidders	Library Addition No. 3		Lincoln Hall		Materials Testing Laboratory		Total	Total Alternate	Crane Bay Only	Deducting Mts. Test. Laboratory	Remarks
	Per Speci- fications	Co-Alter- nate	Per Speci- fications	Alternate	Per Speci- fications	Alternate					
Gen'l Electric Supply Corp.....	\$1 006 91		\$1 195 89		\$1 953 80		\$4 199 70			\$2 247 90	Extra glass ware— \$43 10
Hughes-Krabbe Co.....	886 00	\$ 942 48	1 241 00	\$2 600 40	2 060 00	\$2 314 18	4 226 00	\$5 857 00		2 166 00	Extra glass ware— \$39 00
Jackson Electrical Co.....	888 74		1 274 09		2 099 45		4 262 28			2 161 83	
Beardslee Chandelier Mfg. Co...	950 00	900 00	1 400 00	1 300 00	2 250 00	2 100 00	4 600 00			2 350 00	
Illinois Electric Co.....	1 029 74		1 344 51		2 192 14		4 619 99			2 427 85	Extra glass ware— \$53 60
Illinois Fixture Co.....	1 064 41		1 460 26		2 335 80		4 860 47			2 524 67	
Moran & Hastings Mfg. Co....	1 200 15		1 395 55		2 274 55		4 917 75			2 643 20	Extra glass ware— \$47 50
Solar Illuminating Co. ¹	1 296 10	1 719 70	1 812 50	2 302 50	2 875 80	3 708 20	5 984 40			3 108 60	See letter for alternate Extra Type
The Kayline Co. ¹	1 356 85		1 866 60		2 979 30		6 202 75			3 223 45	B-109.20-globes Extra Type A-115.85-globes
Electric Appliance Co. ¹							7 158 91		\$408 08		Holophane
Lighting Specialties Co. ¹	1 721 20		1 829 30		3 616 75		7 167 25			3 550 50	Add for union wir- ing \$250 00 Add for union wir- ing Mts. Test. Lab. \$273 00

¹The last four bidders are bidding on their own glass ware and not in accordance with the specifications.

He recommends at this time only the award of the contract on the third unit of the new Library, and that it be awarded to Hughes-Krabbe of Champaign, the lowest bidders, at their bid of \$886.

I concur in this recommendation.

The contract was awarded to the lowest bidder as recommended.

CONTRACT FOR SCREENS FOR LIBRARY UNIT AND LINCOLN HALL ADDITION

(43) The Supervising Architect submits the following schedule of bids received on screens for the third unit of the new Library and the addition to Lincoln Hall:

BIDS ON SCREENS

LIBRARY ADDITION NO. 3 and LINCOLN HALL ADDITION
April 29, 1929

<i>Bidders</i>	<i>Library Addition No. 3</i>		<i>Lincoln Hall Addition</i>		<i>Total</i>	<i>Number of Windows</i>		<i>Remarks</i>
	<i>No.</i>	<i>Amount</i>	<i>No.</i>	<i>Amount</i>		<i>Lib.</i>	<i>L. H.</i>	
Carl J. Werner (Cin. Fly Screens)	\$1	980 00	\$4	13 00	\$2	393 00	308 68	2 coats baked enamel
Gandy & Earp (Watson Screens)	2	015 00	440	00	2	455 00	308 68	2 coats black paint
Gen. Bldrs. Sup. Co. (Higgins Screens)	2	250 00	450	00	2	700 00	308 68	2 coats black baked enamel
C. E. Smith (Robbins Screens)	2	371 26	356	05	2	727 31	308 68	baked enamel
McFerran Kane Co.	2	449 00	488	00	2	937 00	308 68	1 coat baked enamel 1 coat duco
Krebs & Co.	2	800 00	500	00	3	300 00	308 68	baked enamel

He recommends that the contract be awarded to Carl J. Werner of Danville, the lowest bidder, on the basis of his combined bid of \$2,393, divided as follows:
 Third Unit of New Library \$1 980 00
 Lincoln Hall Addition 413 00
 I concur in this recommendation.

On motion of Mr. Trees this contract was awarded to the lowest bidder as recommended.

CONTRACT FOR SHADES FOR LIBRARY UNIT AND LINCOLN HALL ADDITION

(44) The Supervising Architect submits the following schedule of bids received on shades for the third unit of the Library and for the Lincoln Hall Addition:

BIDS ON SHADES, LIBRARY ADDITION NO. 3 AND LINCOLN HALL ADDITION

April 29, 1929

Bidders	Top Line—Library Addition No. 3			Second Line—Lincoln Hall Addition			Kind of Rollers	Type of Material
	Library No. 3	Lincoln Hall	Total	Rollers Single	Rollers Double	Total		
G. C. Willis, Champaign, Ill.	\$379 00	\$491 00	\$870 00	70 12	43 96	156 204	80 Tin Hart. 58 Tin Hart.	Tan Duck Tan Duck
E. W. A. Rowles Co., Chicago, Ill.	387 81	485 90	873 71	70 12	43 96	156 204	80 Metal 58 Metal	Tan Duck Tan Duck
E. G. Yaeger, Peoria, Ill.	475 33	514 26	989 59	73 18	40 190	153 208	No mention	Senior Duck Senior Duck
B. B. & H. Shade Co., Edwardsville, Ill.	501 41	512 50	1 013 90	73 12	40 95	153 202	78 Metal 58 Metal	11½ oz. Tan Duck 11½ oz. Tan Duck
Forse Mfg. Co., Anderson, Ind.	470 47*	601 72†	1 072 19‡	70 Total of	43	156 101	Wood and Metal Wood and Metal	10 oz. Tan Duck 10 oz. Tan Duck
F. K. Robeson, Champaign, Ill.	499 00 ² 559 06 ³	590 06 ² 593 94 ³	1 089 00 ² 1 153 00 ³			156 204	No mention No mention	Grades A and B Grades A and B
Gandy & Earp, Decatur, Ill.	1 250 00	1 413 00	2 663 00	Total of		113 113	Athey Athey	Athey Athey

*Add \$37.00 for metal rollers.
†Add \$20.00 for metal rollers.
‡Add \$57.00 for metal rollers.
²"A" grade of material.
³"B" grade of material.

He recommends that the contract be awarded to G. C. Willis of Champaign, the lowest bidder, on the basis of their combined bid of \$870, divided as follows:

\$379 for the Third Unit of the Library

\$491 for the Addition to Lincoln Hall.

I concur in this recommendation.

On motion of Mr. Fisher, this contract was awarded to the lowest bidder, as recommended.

CONTRACT FOR TABLES FOR NEW LIBRARY UNIT

(45) The Supervising Architect reports that the Purchasing Agent has secured the following bids on ten 4' x 8', ten 4' x 10', and eleven 4' x 13' oak tables to be used in the Commerce Reading Room and the north Bibliography Room, both in the New Library:

Walrus Manufacturing Company, Decatur.....	\$2 279 32
Newton & Hoyt Company, Chicago.....	2 344 50
Muetzler Bros., Nappanee, Indiana.....	2 532 00
Remington-Rand Company (Library Bureau), Chicago.....	3 218 60
Chittenden & Eastman Co., Burlington, Ia.....	3 579 50
Henry L. Guth Associates, Allentown, Pa.....	3 605 00
Bailey & Himes, Champaign, Illinois.....	5 231 00

He recommends that the contract for these thirty-one tables be awarded to the lowest bidder, the Walrus Manufacturing Company of Decatur, at their bid of \$2,279.32, payable from the State appropriation for the building.

I concur in this recommendation.

On motion of Mr. Barr, this contract was awarded to the lowest bidder as recommended.

CONTRACT WITH WESTERN FUEL COMPANY FOR COAL FOR THE CHICAGO DEPARTMENTS

(46) The Comptroller submits the following bids secured by the Purchasing Agent on coal, approximately 1,500 tons (Pocahontas Mine Run), for the Chicago Departments for the year beginning May 1, 1929:

Western Fuel Company (to Aug. 1, 1929).....	\$6.00 Net ton
(Aug. 1 to May 1, 1930).....	6.35
E. L. Hedstrom Coal Company.....	6.40
Consumers Company.....	6.50
Crerar Clinch Coal Company.....	6.65
Eastman Coal Company.....	6.70
Bunge Bros. Coal Company.....	6.75

They recommend, and the Supervising Architect concurs, that the contract be awarded to the Western Fuel Company of Chicago, the lowest bidder.

I concur in this recommendation.

On motion of Mrs. Evans, this contract was awarded to the lowest bidder as recommended.

OFFER OF FUNDS FROM THE TRUSTEE OF THE MUTUAL BENEFIT HOSPITAL FUND FOR THE MCKINLEY HOSPITAL OPERATING FUND

(47) At the suggestion of the Comptroller, the Trustee of the Mutual Benefit Hospital Fund, Dean Thomas Arkle Clark, offers \$1,500 from that fund for the expenses of the McKinley Hospital. This procedure is in accordance with the regulations of the Mutual Benefit Hospital Fund and I recommend that the offer be accepted.

On motion of Mrs. Grigsby, this gift was accepted.

COOPERATIVE INVESTIGATION OF CONCRETE

(48) The Dean of the College of Engineering requests approval of an agreement with the Western Brick Company of Danville for a cooperative investigation of concrete made with light aggregate, by the Engineering Experiment Station. The agreement has been drawn for a period of one year from June 1, 1929, and the Western Brick Company agrees to pay the University \$5,000 to cover the expenses of the investigation.

The agreement is of the form and character hitherto authorized by the Board for cooperative investigation. The Legal Counsel approves.

I concur.

On motion of Mrs. Evans, this agreement was approved.

**COOPERATIVE INVESTIGATION OF THE USE OF POTASH
SALTS AS FERTILIZERS**

(49) The Director of the Agricultural Experiment Station requests approval of an agreement with the Agricultural and Scientific Bureau N. V. Potash Export My. of Amsterdam, Holland, for a cooperative investigation by the Agricultural Experiment Station, of the factors which determine the extent to which the presence of nitrate nitrogen may affect the response of crops to fertilization with potash salts. This agreement has been drawn for a period of one year beginning April 1, 1929, with the understanding that it may be extended for additional periods, under the same terms or other terms as may be mutually agreed upon, and the contracting company agrees to pay the University \$1,500 to cover the expenses of the investigation.

The Legal Counsel approves and I concur.

On motion of Mr. Trees, this agreement was approved.

**DISPOSAL OF INCOME FROM BOOTH-ST. LOUIS COLD STORAGE
BONDS, A PART OF THE ORIGINAL GIFT OF THE
MCKINLEY HOSPITAL**

(50) The following letter from the Comptroller requesting instructions on the disposal of the income from the Booth-St. Louis Cold Storage Bonds:

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

On October 23, 1925, the Board of Trustees appropriated the sum of \$15,000 toward the completion of McKinley Hospital with the understanding that the income on the \$25,000 of Booth-St. Louis Cold Storage Bonds, which were part of the original gift of the Hospital, be used to liquidate this loan with interest at two per cent. This procedure was followed in 1925-26, reducing the indebtedness to \$14,450. In 1926-27 the income from the bonds was appropriated toward the deficit in operation of the Hospital for that year (June 10, 1927). On June 29, 1928, the Board voted that the income from these bonds should be added to the capital as long as funds of the Hospital Association are sufficient to meet the deficit of the Hospital.

The deficit of the Hospital for 1927-28 was met by a gift from the Trustee of the Mutual Benefit Hospital Fund (page 760, Minutes of June 29, 1928). This gift also provided a sufficient amount to take care of the expenses of the current year to date.

The sum of \$3,000 is now accumulated in the income account of the Booth bonds representing the income for 1927-28 and 1928-29. I am uncertain as to whether the action of June 29, 1928, above referred to is intended to indicate that the original plan to liquidate the loan to the Hospital, by applying this income, should be carried out and would appreciate an interpretation of this point before proceeding further.

Cordially yours,

LLOYD MOREY

On motion of Mr. Barr, the action of June 29, 1928, was reaffirmed, the earnings of these bonds to be applied to the reduction of the indebtedness to the University.

THE PURCHASE OF DENTAL BUILDING BONDS

(51) The Comptroller reports that, in accordance with the action of the Board on April 10, 1929 (page 163), he has purchased \$1,500 of bonds of the College of Physicians and Surgeons against the Dental Building, due 1932, at a price of 98, and recommends that these bonds be cancelled and retired as was done in the case of similar bonds formerly purchased in this manner (Minutes, November 16, 1928, p. 80).

I concur in this recommendation.

On motion of Mr. Trees, this recommendation was approved.

**RECOMMENDATION CONCERNING THE RESEARCH AND
EDUCATIONAL HOSPITAL**

(52) A recommendation that the University concur in the following suggested modifications to the existing agreement with the Department of Public Welfare:

*AMENDMENT TO THE PRESENT CONTRACT BETWEEN THE
DEPARTMENT OF PUBLIC WELFARE AND UNIVERSITY FOR THE
OPERATION OF THE RESEARCH AND EDUCATIONAL HOSPITAL*

It is agreed during the years of 1929 and 1930, the department and the University will continue to operate under the present contract with the following changes:

First. No recommendations will be made either by the University or the Department in the selection of the Managing Officer except by joint agreement, and the Governor will be requested to name someone mutually acceptable.

Second. The Director agrees that important questions of policy, allocations of space to departments, and divisions, and similar questions, will be submitted to a joint committee to the University and to the Department.

Third. During the years 1929 and 1930 a committee consisting of three (3) representatives of the University designated by the President and three (3) representatives of the Department designated by the Director shall work out for tender to the 56th General Assembly, a bill for the permanent operation and financing of the Research & Educational Hospitals, the Eye, Ear, and Nose Infirmary, Psychiatric Institute, the Institute for Juvenile Research, and the Surgical Institute for Crippled Children.

On motion of Mr. Barr, it was voted to concur in the modifications suggested, and the President of the University was authorized to appoint the necessary committees.

ROBERT LAUGHLIN REA SCHOLARSHIP FUND

(53) A recent inquiry into the matter shows that no formal procedure or regulations to govern appointments to the Rea Scholarships in the College of Medicine have ever been adopted. This Scholarship Fund was established by the Will of Dr. Robert Laughlin Rea, probated in Cook County, August 14, 1899, before the University took over the College of Physicians and Surgeons. The bequest reads as follows:

"I give and bequeath the sum of \$5,000 to the 'Chicago College of Physicians and Surgeons' (now located at the corner of West Harrison and Honore Street in said Chicago) to be invested by said College and the income thereof to be applied toward the payment of the tuition of worthy and indigent students in said College, such students to be selected by said College and not to be less than four students at a time. And I direct that all the above bequests be paid within three years after my decease."

When the property of the College of Physicians and Surgeons was turned over to the University in 1913, the sum of \$4,800 (the bequest having been reduced by inheritance tax and attorney's fees) of College of Physicians and Surgeons bonds, representing the investment of this fund, was included. Since then a portion of these Physicians and Surgeons bonds has matured and the matured portion included the Rea Scholarship investment. The proceeds were invested in other Physicians and Surgeons bonds of later maturity, and in \$50 of United States bonds, by the Board of Trustees. The present total principal of the fund amounts to \$4,800, the investments consisting of bonds having a par value of \$4,750, and costing \$4,706.80, the balance being in cash. The present income from the fund amounts to \$290 per year. If the principal had to be reinvested under present conditions, the income would probably not exceed \$230. Two ways are open to assign scholarships: (1) to place a permanent value on each scholarship and then award as many scholarships as the income will produce (not less than four); (2) award four scholarships each year, making the amount of each as much as the income makes possible.

The latter plan seems to carry out more closely the intention of the donor. I, therefore, recommend the adoption of the following regulations to govern this fund:

**REGULATIONS FOR THE ROBERT LAUGHLIN REA
SCHOLARSHIP FUND**

1. The scholarships are to be known as "The Robert Laughlin Rea Scholarships in the College of Medicine."
2. The purpose of the scholarships is "to help pay the tuition fees of needy students."
3. Four Scholarships are available each year, their value depending upon the income of the fund (for 1929 the value of each scholarship is \$75).
4. Applicants for the scholarships shall have completed one full year's work in the College of Medicine of the University of Illinois.
5. Applications in writing shall be made to the dean of the College of Medicine and the awards shall be made in September of each year by a committee of three appointed by the President of the University to be known as the "Committee on Robert Laughlin Rea Scholarships in Medicine."
6. Scholastic standing, character, and financial need, shall be considered in making the awards.

On motion of Mrs. Busey, these regulations were adopted.

**WINDSTORM AND LIGHTNING DAMAGE TO COOK COUNTY
EXPERIMENT STATION BUILDINGS**

(54) The Comptroller reports that on March 31, the buildings at the Cook County Experiment Station were damaged by windstorm and lightning. The buildings are fully covered by insurance and the estimate of the loss, which will be paid by the insurance company, has been made on such a basis that it will cover fully the costs of all necessary repairs. The amounts are:

Chimney and Service Building.....	\$325.00
Greenhouse.....	132.25

\$457.25

On request of the Comptroller, I recommend that this amount be appropriated on receipt of payment from the insurance company to meet the expense of repairs on these buildings.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

THEFT OF PLATINUM WARE

(55) The Comptroller reports the theft of platinum ware valued at \$850 from Room 115 of the Chemistry Building sometime between April 11 and 12. The stolen ware consisted of fifteen crucibles, two dishes, and a platinum cone filter—a combined weight of 329.59 grams. The platinum was kept in a case having a glass door, which was locked, entrance to the case being made by smashing the door. The theft was reported to the sheriff, local police, and pawn shop dealers.

This report was received for record.

GIFTS

(56) I report the gift from Mr. Allan B. Brown of Kansas City, a member of the Class of '17, of a set of war maps, a number of war time newspapers, and letters collected by him during his service in the World War.

Dr. J. Sterling Kingsley, Professor of Zoology, *Emeritus*, offers us his library, consisting of books and pamphlets on zoology, which he will send to the University in the summer. Professor Kingsley will leave on a trip around the world in August, and has offered to collect rare zoological specimens for shipment to the University. The only expense involved will be bottles, preserving chemicals, and shipping charges from New York to Urbana. I ask authority to accept his kind offers, the University to pay the expenses mentioned.

On motion of Mrs. Evans, this authority was granted.

**COMPTROLLER'S REPORT OF CONTRACTS AND
PURCHASE ORDERS**

(57) The following report from the Comptroller on contracts and purchase orders executed since the last report:

*CONTRACTS EXECUTED BY THE COMPTROLLER, APRIL 5, 1929,
TO MAY 11, 1929*

Lease contract executed under general regulations:

<i>Leased to</i>	<i>Property</i>	<i>Rental</i>	<i>Date</i>	<i>Tenure</i>
Louis Nahin Sam Edelman	Storeroom at 1758 W. Polk St., Chicago	\$540 00 per year	March 1, 1929	May 1, 1929, to April 30, 1930

*PURCHASE ORDERS ISSUED IN APRIL AMOUNTING TO
\$1000 OR MORE*

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
Physical Plant Supervising	Chicago Veneer Company	Veneer Panels	\$1 122 50	Competitive
Architect	Bailey and Himes	Chairs ¹	2 882 00	Quoted
Physical Plant	Field and Shorb	Pipe, Fittings	2 924 75	Competitive
Physical Plant	Electric Coal Company	Coal	1 650 00	Quoted ²
Supervising Architect	Southwark Foundry and Ma- chine Company	Hydraulic Testing Machine	40 000 00	Competitive ³
School Pharmacy	W. M. Welch Manufacturing Company	Coor's Porcelain Ware	1 156 00	Placed at low- est standard discount for quantity or- dered.
Physical Plant	Electric Coal Company	Coal	1 650 00	Quoted ²

¹To match other chairs previously on competitive basis.

²Arranged by Mr. J. A. Morrow.

³Authorized by Board of Trustees, March 12, 1929.

H. M. EDWARDS
Purchasing Agent

This report was received for record.

COMPTROLLER'S QUARTERLY REPORT

(58) The report of the Comptroller for the quarter ending March 31, 1929.

April 12, 1929

To the Members of the Board of Trustees of the University of Illinois

I transmit herewith the Quarterly Report required of me covering the financial transactions of the University for the quarter ending March 31, 1929. The Report includes the following statements:

Schedule A. Statement of the Reserve and Contingent Fund, or working balance of general income, for the quarter.

Schedule B. Realization of Income for Operation. This statement shows the estimated income for all purposes other than for new buildings provided for by Special State Appropriations, for the current fiscal year, and the amount realized from each source to March 31. The amount realized from State Appropriations is the amount of vouchers certified to the State Auditor for payment from these appropriations. The amount realized from Student Fees is the net amount after allowing for all rebates. The amount realized from Sales is the total sales irrespective of whether collection has been made in cash.

Schedule C. Summary of Receipts and Disbursements. This statement shows the amount of cash receipts from all sources for the current fiscal year to March 31, deposited with the Treasurer of the University, also, the amount appropriated to the University by the State for the current fiscal year. It shows also the disbursements from funds in the hands of the University Treasurer and from State appropriations and the unexpended (not unencumbered) balance in each fund as at March 31.

Schedules D to M, inclusive, show the appropriations made by the Board of Trustees for the current fiscal year, the expenditures from these appropriations, the outstanding encumbrances in the form of orders and contracts, and the free balances on March 31. Included with appropriations under the heading "Total Credits" are reappropriations of balances from the previous year and sales credited to departments.

Schedule N shows operations of storerooms and service departments. Costs of materials and labor are first charged to these revolving accounts, and later are charged

to appropriation accounts when the service has been completed, the revolving accounts being credited.

Schedule O covers only the cash transactions of the residence halls, hospital, and tenant houses. The latter are houses which have not yet been removed from land purchased for future use. A complete statement, showing net income and surplus, is given in Appendix I.

Schedule P shows all trust endowments held by the University, and Schedule Q gives the operations of all expendable trust funds.

Schedule R is a balance sheet showing all assets for which the Board of Trustees is responsible and all commitments and obligations of those assets.

The figures contained in this Report are cumulative for the fiscal year to date and, therefore, represent the financial operation of the University for the nine months ending March 31, 1929, and the financial condition of the University at that date.

This report is subject to audit by the accounting firm employed by the Board for that purpose. The certificate of audit will be furnished as soon as the audit is complete.

Respectfully submitted,

LLOYD MOREY
Comptroller

SUMMARY

Reserve and Contingent Fund

The unappropriated balance of the Reserve and Contingent Fund (estimated excess of income of the year over appropriations) at the beginning of the quarter was \$128,541. Net deductions during the quarter totalled \$15,373, as per Schedule A, leaving a balance of \$113,168 in the Reserve and Contingent Fund at the close of the quarter. The balance at the corresponding date a year ago was \$164,736.

Budget Income

Realization of the budget income for nine months ending with the present quarter as per Schedule B, was as follows:

	<i>Estimate For Year</i>	<i>Per Cent of Year's Estimate Realized This Year</i>	<i>Same Date Last Year</i>
State Appropriations for Operation (Per Cent realized represents portion expended to March 31, 1929).....	\$4 500 000	79.8	79.1
Federal Funds.....	438 075	87.2	91.1
Student Fees.....	850 000	93.6	92.7
Agricultural Sales			
Credited to Revolving Accounts.....	124 860	86.4	79.5
Credited to Agricultural Income.....	132 600	82.3	83.8
Miscellaneous Sales and Receipts.....	90 000	79.3	89.5

Treasurer's Balance

The cash balance in all funds in the hands of the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$1,386,300, Schedule C. On the corresponding date a year ago, the balance was \$1,294,820.

Budget Expenditures

Board appropriations to departments for the current fiscal year total \$6,003,102, including salaries \$3,931,008, expense and equipment \$2,072,094. These were 69.8 per cent expended at the end of the quarter, and 2.1 per cent encumbered. (Included in Schedule D). On the corresponding date a year ago these appropriations were 69.8 per cent expended and 2.3 per cent encumbered.

Building and Improvement Funds

Building and Improvement funds for the biennium were 49.6 per cent expended at the end of the quarter, and 30.8 per cent encumbered, as per Schedule D. On the corresponding date last biennium, they were 57.9 per cent expended and 32.3 per cent encumbered.

Trust Funds

Endowment funds from private gifts for special purposes (see Schedule P) are distributed as follows:

Professional and Lectureship Endowments.....	\$119 686
Student Loan Endowments.....	177 040
(Of which \$164,959 was outstanding in student notes at the end of the quarter.)	
Scholarship and Prize Endowments.....	84 556
Other Endowments.....	80 031
<i>Total</i>	<u>\$461 313</u>

Indebtedness on Property

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totalling \$52,400 on the Dental Building in Chicago, due in 1932 (Schedule R).

Residence Halls

A summary of the operations of the residence halls for the year to March 15, 1929, is shown as Appendix I. The balance in the Residence Halls fund at the end of the quarter was \$133,454, and in the Davenport House fund \$9,827.

Stadium Fund

An Appendix is included giving the report of the Memorial Stadium Fund, of which the Board of Trustees is custodian. (See Appendix II.)

LLOYD MOREY
Comptroller

SCHEDULE A
STATEMENT OF RESERVE AND CONTINGENT FUND
QUARTER ENDING MARCH 31, 1929

Balance forward January 1, 1929.....		\$128 541 48	
<i>Add:</i>			
Estimated Additional Income from Agricultural Sales (New Greenhouses).....	\$ 900 00		
Lapsed Unused 1927-28 Balances (carried forward to cover encumbrances but not required).....	1 936 35	2 836 35	\$131 377 83
<i>Deduct:</i>			
Appropriations made by the Board of Trustees			
January 9, 1929			
Archaeological Explorations (additional).....	\$ 500 00		
Medical Library Expense and Equipment.....	2 450 00		
Law Library Expense and Equipment.....	2 500 00		
February 13, 1929			
George Washington Bicentennial Expense.....	500 00		
Death Benefits (Miss Marion Sparks).....	1 000 00		
Library Expense and Equipment (additional).....	5 000 00		
Horticulture (Operation of New Greenhouses).....	2 400 00		
Medical Physiology Expense and Equipment (additional).....	400 00		
March 12, 1929			
Visit of General Assembly.....	1 300 00		
Injuries to Employees.....	1 000 00		
Death Benefits (Robert J. Drake).....	100 00	17 150 00	
Adjustments in Salary Budget			
Architecture College.....	1 000 00		
Chicago General Administration.....	60 00	1 060 00	18 210 00
<i>Balance March 31, 1929 (Schedule R)</i>			<u>\$113 167 83</u>

SCHEDULE B
REALIZATION OF INCOME FOR OPERATIONS
1928-29 TO MARCH 31, 1929

	<i>Budget Estimate</i>	<i>Realized to Date</i>	<i>Unrealized Balance (See Sch. R)</i>
<i>State Funds</i>			
From Mill Tax.....	\$2 625 000 00	\$2 620 889 34	\$ 4 110 66
From General Revenue.....	1 875 000 00	973 862 18	901 137 82
<i>Total, State</i>	(4 500 000 00)	(3 594 751 52)	(905 248 48)
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund.....	239 624 24	239 624 34	10*
Hatch-Adams Funds.....	30 000 00	22 500 00	7 500 00
Purnell Fund.....	50 000 00	37 500 00	12 500 00
Capper-Ketcham Fund.....	20 000 00		20 000 00
From State Treasurer			
Interest on Endowment Fund.....	32 450 66	32 450 66	
Morrill-Nelson Funds.....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes).....			
	16 000 00		16 000 00
<i>Total, Federal</i>	(438 074 90)	(382 075 00)	(55 999 90)
<i>Student Fees</i>	850 000 00	796 494 09	53 505 91
<i>Sales and Miscellaneous</i>			
Credited to Departments			
Agriculture.....	124 860 00	107 891 44	16 968 56 ²
Other Departments.....		2 808 31	2 808 31 ^{1,2}
Credited to Estimated Agricultural Sales.....	132 600 00	109 134 88	23 465 12
Credited to General Income.....	90 000 00	71 442 66	18 557 34
Credited to Estimated Income from Creamery			
Surplus.....	14 310 00		14 310 00 ³
<i>Total, Sales, etc.</i>	(361 770 00)	(291 277 29)	(70 492 71)
<i>McKinley Endowment</i>	7 000 00		7 000 00 ³
<i>Grand Total</i>	\$6 156 844 90	\$5 064 597 90	\$1 092 247 00

*Deduct—Income exceeds estimate.

¹No budget estimate set up.

²Credited direct to revolving accounts, not carried as separate items on Balance Sheet.

³To be transferred from other accounts June 30, 1929.

SCHEDULE B-1
INCOME FROM SALES AND MISCELLANEOUS SOURCES
TO MARCH 31, 1929

	<i>Total for Nine Months Ending March 31, 1929</i>
Agricultural College and Experiment Station.....	\$217 864 03
<i>Administrative Offices and General Departments</i>	
Alumni Directory.....	\$ 3 959 71
Announcement of Courses.....	890 25
Student Faculty Directory.....	1 097 45
Library Fines and Charges.....	2 125 67
Miscellaneous.....	911 84
College of Liberal Arts and Sciences.....	8 984 92
Engineering College and Experiment Station.....	1 244 74
Graduate School.....	2 995 82
Chicago Departments	1 252 74
Medical Dispensary, Drug Room and X-Ray.....	17 152 78
Dental Infirmary, Oral Surgery and X-Ray.....	16 400 19
Booth Rentals in Dental Building.....	1 350 00
Miscellaneous.....	798 04
Rental of Rooms in University Buildings.....	35 701 01
Sale of Kindling, etc.....	778 00
Interest on Daily Bank Balances.....	1 005 59
Interest on Dental Building Bonds Held by University.....	17 729 51
Lapsed Men's Towel Deposits.....	456 00
Miscellaneous.....	1 903 11
	1 361 82
<i>Grand Total (Schedule B)</i>	\$291 277 29

SCHEDULE C
SUMMARY OF RECEIPTS AND DISBURSEMENTS
1928-29 TO MARCH 31, 1929

Funds in Hands of University	Balance July 1, 1928 and Adjustments	Receipts and State Appropriations	Disburse- ments	Balance March 31, 1929
<i>Treasurer</i>				
General Fund.....	\$ 686 664 53	\$1 756 414 54	\$1 225 460 76	\$1 217 618 31
Trust Fund.....	131 041 67	265 756 49	228 116 32	168 681 84
<i>Total</i>	(817 706 20)	(2 022 171 03)	(1 453 577 08)	(1 386 300 15)
<i>State Appropriations</i>				
<i>For Operation</i>				
Salaries and Wages.....		\$3 275 000 00	\$2 620 889 34	\$ 654 110 66
Office Expense.....		140 000 00	100 633 95	39 366 05
Travel.....		40 000 00	30 673 11	9 326 89
Operation.....		465 000 00	383 159 51	81 840 49
Repairs.....	\$ 4 584 88	160 000 00	126 078 17	38 506 71
Equipment.....		290 000 00	209 459 85	80 540 15
Improvements.....		130 000 00	128 442 47	1 557 53
<i>Total Operation</i>	(4 584 88)	(4 500 000 00)	(3 599 336 40)	(905 248 48)
<i>For Buildings, 1927-29</i>				
Library Building Addition.....	205 961 02		164 305 50	41 655 52
Lincoln Hall Addition.....	486 787 67		140 299 26	346 488 41
Materials Testing Laboratory.....	481 820 32		227 179 68	254 640 64
<i>Total Buildings</i>	(1 174 569 01)		(531 784 44)	(642 784 57)
<i>For Special Purposes</i>				
Agricultural Experiment Station, Cook County..		15 000 00	11 615 16	3 384 84
School of Journalism.....		15 000 00	15 000 00	
<i>Total, State</i>	(1 179 153 89)	(4 530 000 00)	(4 157 736 00)	(1 551 417 89)
<i>Grand Total</i>	\$1 996 860 09	\$6 552 171 03	\$5 611 313 08	\$2 937 718 04

SCHEDULE D
SUMMARY OF APPROPRIATIONS
AS AT MARCH 31, 1929

	Sched- ule	Total Credits	Disburse- ments	Encum- brances	Free Balance
Administration and General..	E	\$ 421 582 75	\$ 280 130 15	\$ 15 651 62	\$ 125 800 98
Library.....	E	226 533 02	168 655 37	16 698 20	41 179 45
Agriculture.....	F				
University Appropriation...		1 143 658 37	807 896 95	39 568 73	296 192 69
U. S. Extension.....		266 973 72	172 275 70	2 781 14	91 916 88
Liberal Arts and Sciences.....	G	1 126 089 15	802 809 64	7 720 06	315 559 45
Engineering.....	H	607 168 72	484 695 82	13 278 32	199 194 58
Graduate School.....	I	82 270 04	44 278 81	6 619 38	31 371 85
Medicine, Dentistry, and Pharmacy.....	J	778 835 69	551 014 40	13 603 89	214 217 40
Journalism.....	K	28 250 01	20 135 63	28 10	8 086 28
Law.....	K	91 317 36	62 267 22	3 972 87	25 077 27
Library School.....	K	23 789 93	16 929 61	15 00	6 845 32
Military.....	K	21 544 16	10 141 70	20 90	11 381 56
Music.....	K	57 258 88	42 890 19	769 19	13 599 50
Education.....	K,K1	188 619 71	132 199 01	1 505 11	54 915 59
Summer Session, 1928.....	K,K2	39 035 82	38 626 31		409 51
Summer Session, 1929.....	K,K2	80 000 00	741 44	1 074 00	78 184 56
Commerce.....	K,K3	222 177 18	154 166 66	1 115 75	66 894 57
Physical Welfare.....	K,K4	124 873 66	90 012 45	2 069 90	32 791 33
Physical Plant Operation and Maintenance.....	L	651 231 87	469 172 83	1 910 52	180 148 52
<i>Sub-total</i>		\$6 271 210 04	\$4 349 040 07	\$ 128 402 68	\$1 793 767 29
Land, Buildings, and Improvements.....	M				
Special State Building Appropriations.....		1 175 482 11	531 531 08	428 905 22	215 045 81
Other Appropriations.....		400 969 62	250 709 46	58 155 68	92 104 48
<i>Grand Total</i>		\$7 847 661 77	\$5 131 280 61	\$ 615 463 58	\$2 100 917 58

SCHEDULE R
BALANCE SHEET
AS AT MARCH 31, 1929

ASSETS

I. General and Building Funds			
Cash in Hands of University Treasurer (Sch. C)		\$1 217 618 31	
Petty Cash Funds		30 600 00	
Balance in State Appropriations (Sch. C)			
For Operation	\$905 248 48		
For Buildings	642 784 57		
For Special Purposes	3 384 84	1 551 417 89	
Stores (Sch. N)			
Inventories of Stock	105 404 20		
Jobs in Process	50 052 39		
Revolving Accounts	4 739 92*	150 716 67	
Loan to McKinley Hospital (Trust Fund)		14 450 00	
Accounts Receivable		27 077 72	
Estimated Income from:			
Smith-Lever, Hatch-Adams, Purnell, and Capper-Ketcham U. S. Appropriations	39 999 90		
State Board of Vocational Education (Smith-Hughes)	16 000 00		
Fees	53 505 91		
Agricultural Sales	23 465 12		
Creamery Surplus	14 310 00		
Trust Endowments	7 000 00		
Miscellaneous	18 557 34	172 838 27	\$ 3 164 718 86
II. Trust Funds			
Cash in hands of University Treasurer (Sch. C)		168 681 84	
Notes Receivable		164 959 12	
Investments			
Savings Account	1 000 00		
Stock and Bonds	243 124 60		
Land	46 550 00	290 674 60	624 315 56
III. Endowment Fund			
Endowment Fund (in hands of State Auditor) from Land Grant of 1862			649 012 91
IV. Plant and Property			
Plant and Property (July 1, 1928)			22 226 540 48
<i>Total Assets</i>			\$26 664 587 81
LIABILITIES AND SURPLUS			
I. General and Building Funds			
Appropriation Balances (Sch. D)			
Encumbered	\$ 615 463 58		
Unencumbered	2 100 917 58	\$ 2 716 381 16	
Reserve for Agricultural Extension Petty Cash Funds	1 200 00		
Reserve for Stores	122 360 64		
Reserve for Loan to Trust Fund	14 450 00		
Residence Hall and Hospital Balances (Sch. O)	188 088 36		
Unappropriated Agricultural Income	9 070 87		
Unappropriated Income (Reserve and Contingent Fund) (Sch. A)		113 167 83	\$ 3 164 718 86
II. Trust Funds Balances			
Due General Funds for Repayment of Loan		14 450 00	
Expendable Funds (Sch. Q)		163 002 27	
Non-Expendable Funds (Sch. P)	461 313 29		
Less: Loans from General Funds	14 450 00	446 863 29	624 315 56
III. Endowment Fund Balance			
			649 012 91
IV. Capital Liabilities and Surplus			
Dental Property Bonds		52 400 00	
Surplus Invested in Fixed Assets		22 174 140 48	22 226 540 48
<i>Total Liabilities and Surplus</i>			\$26 664 587 81

*Deduct—Credit Balance.

APPENDIX I
RESIDENCE HALLS
SUMMARY OF OPERATIONS
TO MARCH 31, 1929

	<i>Woman's Residence Halls</i>	<i>Daven- port Residence Hall</i>	<i>Total</i>
Summer Session Surplus.....	\$ 1 473 34		\$ 1 473 34
Winter Term Surplus:			
September 12 to October 15, 1928.....	5 983 80	\$ 937 08	6 920 88
October 15 to November 15, 1928.....	5 990 58	982 45	6 973 03
November 15 to December 15, 1928.....	5 991 82	968 08	6 959 90
December 15 to January 15, 1929.....	3 526 39	461 83	3 988 22
January 15 to February 15, 1929.....	6 786 75	1 071 38	7 858 13
February 15 to March 15, 1929.....	5 207 06	918 12	6 125 18
<i>Total Surplus from Operations, 1928-29, to March 15, 1929.....</i>	<i>\$ 34 959 74</i>	<i>\$5 338 94</i>	<i>\$ 40 298 68</i>
<i>Add:</i>			
Forfeited Deposits.....	670 00	90 00	760 00
	<u>\$ 35 629 74</u>	<u>\$5 428 94</u>	<u>\$ 41 058 68</u>
<i>Deduct:</i>			
Extraordinary Repairs, Equipment, Re- modeling and June 15-September 12, 1928, Miscellaneous Expense.....	17 061 16	5 506 22	22 567 38
Unused 1928-29 Surplus from Operations....	18 568 58	77 28*	18 491 30
<i>Add:</i>			
Balance forward, June 15, 1928.....	114 886 01	9 904 07	124 790 08
<i>Surplus as at March 15, 1929.....</i>	<i>\$133 454 59</i>	<i>\$9 826 79</i>	<i>\$143 281 38</i>

*Deficit.

APPENDIX II
STATEMENT OF MEMORIAL STADIUM FUND
AS AT MARCH 31, 1929

	<i>Prior to July 1, 1928</i>	<i>July 1, 1928, to March 31, 1929</i>	<i>Total to Date</i>
<i>Receipts and Disbursements</i>			
<i>Receipts</i>			
From Subscriptions.....	\$1 663 030 45	\$8 356 90	\$1 671 387 35
From Donations.....	5 008 12	63 80	5 071 92
From Interest.....	26 451 49	609 79	27 061 28
From Loans.....	44 000 00	9 500 00 ¹	53 500 00
<i>Total Receipts.....</i>	<i>\$1 738 490 06</i>	<i>\$ 469 51¹</i>	<i>\$1 738 020 55</i>
<i>Disbursements</i>			
Office Collection Expense.....		18 48 ²	18 48 ²
Construction.....	1 735 635 78		1 735 635 78
<i>Total Disbursements.....</i>	<i>\$1 735 635 78</i>	<i>\$ 18 48</i>	<i>\$1 735 654 26</i>
<i>Cash Balance.....</i>			<i>\$ 2 366 29</i>
<i>Balance Sheet</i>			
<i>Assets</i>			
Cash.....		\$ 2 366 29	
Due from Pledge Installments			
Past Due Installments.....	\$485 091 54		
Future Installments.....	3 781 50	488 873 04	
Due from Athletic Association for Office Expense		18 48	
<i>Total Assets.....</i>			<i>\$491 257 81</i>
<i>Liabilities and Surplus</i>			
Notes Payable.....			34 500 00
<i>Excess of Assets (including Unpaid Pledges) over Liabilities.....</i>			<i>\$456 757 81</i>

¹Deduction due to repayment of loan.²To be refunded by Athletic Association.

This report was received for record.

SCHOLASTIC REQUIREMENTS IN COLLEGE OF MEDICINE

(59) The faculty of the College of Medicine recommends, and the Council of Administration, acting for the University Senate concurs, that the following scholastic requirements be adopted:

1. Grades of at least "C," or 75 per cent, or an equivalent grade from institutions using a different system of marking as determined by the University, in at least three-fourths of the work of the two years of pre-medical courses shall be required for admission to the freshman class of the College of Medicine (effective for students entering October 1, 1930).

2. Grades of at least "C," or 75 per cent, in at least three-fourths of the work of the first two years in the College of Medicine shall be required for the degree of Bachelor of Science in Medicine (effective for candidates for B.S. in June, 1931).

3. Grades of at least "C," or 75 per cent, in at least three-fourths of the work of the four years made up of the two pre-medical years and the first two years in the College of Medicine, shall be required of students before they may continue in the clinical, or third and fourth years of the College of Medicine (effective for students beginning third year in College of Medicine, October 1, 1931).

On motion of Mr. Trees, these requirements were adopted.

REPORT OF SPECIAL COMMITTEE ON ILLINOIS POWER AND LIGHT CORPORATION CONTRACT

President Armstrong presented the following report:

The special committee to which was referred a proposed agreement with the Illinois Power and Light Corporation to furnish the University with electrical power reports as follows:

Your Committee had this matter considered by the Electrical Engineering Department of the University and by Professor White for study and, after giving the matter full consideration, the committee is impressed with the advantages of having an arrangement with the Power Company which will enable the University to obtain electrical power if necessity should require at any time, and especially to obtain power during the summer months when the heating plant is not in operation.

A written agreement has been prepared which seems to comply with the requirements of the University for the furnishing of this electrical power by the Power Company.

Your committee, therefore, recommends that the agreement presented be submitted to the Legal Counsel of the University as to its legal aspects and, if approved by him, that the same be entered into by the Board of Trustees.

J. W. ARMSTRONG
MERLE J. TREES
GEORGE A. BARR

On motion of Dr. Noble, this report was adopted.

OPERATION OF MCKINLEY HOSPITAL

Dr. Noble, for the special committee on the operation of the McKinley Hospital, made a report of progress.

CARTER-PENNELL REPORT

Mrs. Busey, for the Committee on Agriculture, reported that the committee had considered the report, and recommended that it be approved.

*The Sixth Annual Report of the Carter-Pennell Farms
March 1, 1928, to February 28, 1929*

The net income to the University from the Carter-Pennell farms was \$2,302.21 for the year ending February 28, 1929. This is the best income received from the farms in any year that they have been under the control of the University except in 1923. In that year a slightly larger income was realized, due to the inclusion of some of the preceding year's income in the 1923 report. The larger income for the past year reflects directly the soil improvement work which has been done and the change in the type of farming.

While the quality of crops harvested was good for the past year, the yields were reduced because of dry weather in that locality, especially at the time when the corn crop needed more water. The severe winter of 1927 killed much of the clover and all of the alfalfa seeding. This handicapped the North Farm because of its dependence on the alfalfa as a hay crop for cattle and made it necessary to purchase some hay to carry through this winter. It is the estimate of the men on the farms that the yield of corn was reduced from 15 to 20 bushels per acre below what it might have been if weather conditions had been more favorable during July. While the type of soil in that locality is not one which stands drouth, the growing of legumes on the farms and the addition of humus to the soil should gradually make the land more resistant to dry weather.

The North Farm showed a net profit of \$1,253.65 and the South Farm a net profit of \$1,048.56, after allowing all current expenses except taxes (which remain an undetermined item) and a pro-rated share of the cost of permanent improvements. The income on these farms compares favorably with the income on other farms in this part of the state. The Department of Farm Organization and Management receives through its office records from all over the state from men who are electing to keep farm records as a part of the extension and research work of the University. For the most part these men are superior farmers. From the showing made during the past year it would appear that conditions on the Carter-Pennell farms have now been brought to a point where the income compares favorably with this group of selected farmers.

Mr. Leslie Irvin, who had been operating the South Farm, moved to the North Farm a year ago, and changed to a livestock system of farming. At the beginning of the year a number of young cattle were on hand, and at the present time the dairy herd has been built up to 17 producing cows. The present income from dairying exceeds \$125 a month, which is divided between the University and Mr. Irvin. However, it is only in recent months that the full plan for the operation of the North Farm has been realized. It is believed that the income on this farm should increase considerably under Mr. Irvin's operation, as he is a man who is willing to accept the best practices and to make the farm a better demonstration of good practice.

A new cow stable was built on the North Farm at a cost of \$1,250. This has made it possible to handle the cattle as they should be. It is apparent that an increased production per cow was realized and the improvement makes it possible to increase the size of the dairy enterprise. This increase should not only add to the income, but should also make possible the more rapid building up of the farm, since practically all crops produced will be fed on the farm.

Mr. Harry Irvin, a brother of the man on the North Farm, is operating the South Farm, and the returns from the farm indicate that he is doing a good grade of work. It is believed that the farm in years of favorable weather conditions will show a greater productivity.

No major improvements are contemplated on the farms for the coming year. Because of the necessity, however, of repairing the fence along the hard road on both farms, it will be necessary to expend some money for labor. On the North Farm a considerable retail trade in dairy and poultry products is developing with residents of Rankin. This trade adds both to the expense on the farm and to the income to the University and to Mr. Irvin. Considering this tendency it seems that the University will be justified in making some adjustment on labor so that all of the increased burden will not fall on Mr. Irvin. It is proposed to encourage this trade during the current year to determine whether or not it is desirable.

The schedules supplied by the Comptroller of the University show in detail the accounts of both the Carter-Pennell farms for the year 1928-29 and include the more significant items for the total of the preceding five-year period and the full six-year period. Schedule A indicates that in cash and accounts receivable there is \$2,020.04 on hand. However, \$1,271.80 of this amount must be held in reserve until it is determined in court whether or not the University will have to pay taxes for the years 1926 and 1927. If it is decided that these taxes do not have to be paid, the reserve for the purpose might be transferred to the Carter-Pennell Student Loan fund. With the current income from the farms, it is recommended that \$500 be transferred to the Carter-Pennell Student Loan fund.

SCHEDULE A
CARTER-PENNELL FARMS
BALANCE SHEET AS AT
FEBRUARY 28, 1929

<i>Assets</i>			
<i>Operating</i>			
Cash.....	\$	641 54	
Accounts Receivable.....		1 378 50	
Stock and Unsold Crops.....		2 400 00	
Deferred Charges to Future Operations.....		<u>241 17</u>	\$4 661 21
<i>Capital</i>			
Estimated Present Value of Original Gift			
North Farm.....	\$24 149 57		
South Farm.....	<u>18 058 47</u>	42 208 04	
Improvements by University (Sch. C)			
North Farm.....	2 408 07		
South Farm.....	<u>1 941 53</u>	<u>4 349 60</u>	<u>46 557 64</u>
<i>Total Assets</i>			<u>\$51 218 85</u>
<i>Liabilities</i>			
<i>Reserves and Surplus</i>			
Reserve for Replacing Fencing along New Highway.....		\$	71 10
Reserve for 1926 and 1927 Taxes (being contested).....			1 271 80
<i>Surplus</i>			
Donated (arising from Gift)...	\$42 208 04		
Operating (arising from Profits, see below).....		<u>7 667 91</u>	<u>49 875 95</u>
<i>Total Reserves and Surplus</i>			<u>\$51 218 85</u>

STATEMENT OF OPERATING SURPLUS
TO FEBRUARY 28, 1929

<i>Net Income from Farms (See Sch. D)</i>			\$10 927 44
<i>Less:</i>			
Transferred to Student Loan Fund		\$1 250 00	
Expended and Reserved for Taxes			
Expended for 1925 Taxes and Expenses.....	\$ 737 73		
Reserved for 1926 and 1927 Taxes.....	<u>1 271 80</u>	<u>2 009 53</u>	<u>3 259 53</u>
<i>Balance February 28, 1929 (above).....</i>			\$7 667 91
<i>Consisting of:</i>			
Liquid Assets.....	3 318 31		
Fixed Assets.....	<u>4 349 60</u>		<u>\$7 667 91</u>

SCHEDULE B
CARTER-PENNELLS FARMS
INVENTORY OF STOCK AND UNSOLD CROPS OWNED BY THE
UNIVERSITY AS AT FEBRUARY 28, 1929
(All North Farm)

	Full Value	University Share
Horses		
1 Colt.....	\$50 00	\$25 00
Cattle		
7 Holstein Cows.....	\$700 00	
10 Grade Cows.....	820 00	
5 Heifer Calves.....	265 00	
3 Veal Calves.....	100 00	
1 Male.....	<u>150 00</u>	
	2 035 00	1 017 50
Hogs		
6 Brood Sows.....	240 00	
2 Market Hogs.....	40 00	
13 Fall Pigs.....	100 00	
1 Male.....	<u>35 00</u>	
	415 00	207 50
Poultry		
158 Hens.....	235 00	
8 Cockerals.....	15 00	
Market Chickens.....	<u>60 00</u>	
	310 00	155 00
Grain and Feed		
Corn—1150 bushels.....	920 00	
Oats—1000 bushels.....	410 00	
Soybeans—190 bushels.....	370 00	
Clover seed—1½ bushels.....	30 00	
Straw, Fodder and Hay.....	150 00	
Fall Plowing.....	<u>90 00</u>	
	1 990 00	<u>995 00</u>
<i>Total University Share (See Schedules A and F)</i>		<u>\$2 400 00</u>

SCHEDULE C
CARTER-PENNELLS FARMS
IMPROVEMENTS TO FEBRUARY 28, 1929
(TO BE PRO-RATED OVER LIFE)

	Total Cost		Years to which to be pro-rated	1928-29 Amorti- zation Charges
	North Farm	South Farm		
Improvements to February 29, 1928 (see February 29, 1928 Report).....	\$1 389 12	\$2 260 14		\$233 59
Improvements during 1928-29				
Fencing.....	113 36		1928-1937	11 32
New Cow Barn.....	1 250 00		1928-1958	11 86
Fencing.....	23 53		1928-1933	2 35
Fencing.....	3 00		1928-1931	3 5
Miscellaneous Improvements.....	45 25		1928-1931	5 93
Water Meter.....	12 50		1929-1938	
<i>Total February 28, 1929 (Sch. A).....</i>	<u>\$2 836 76</u>	<u>\$2 260 14</u>	(Sch. E.)	<u>\$265 40</u>
<i>Amortization Reserve to Date (Sch. A).....</i>	<u>428 69</u>	<u>318 61</u>		
<i>Unamortized Balance February 28, 1929 (Sch. A).....</i>	<u>\$2 408 07</u>	<u>\$1 941 53</u>		

SCHEDULE D
CARTER-PENNELLS FARMS
COMPARATIVE OPERATING STATEMENT FOR 6 CROP YEARS
1923 TO 1928 INCLUSIVE

	<i>Total for 5 Crop Years 1923 to 1927 Inclusive (See February 29, 1928 Report)</i>	<i>1928 Crop Year (See Sch. E)</i>	<i>Total 6 Years 1923 to 1928</i>
North Farm			
Income	\$4 756 18	\$1 536 40	\$6 292 58
Expense			
Seed	185 68	36 50	222 18
Repairs	360 59	9 38	369 97
Insurance	104 49	38 15	142 64
Limestone	84 90	37 89	122 79
Water	11 79		11 79
Miscellaneous	69 03	2 05	71 08
Topographical Survey	27 32		27 32
Permanent Improvements	274 11	158 78	432 89
Total Expense	(1 117 91)	(282 75)	(1 400 66)
<i>Net Income</i>	<u>\$3 638 27</u>	<u>\$1 253 65</u>	<u>\$4 891 92</u>
South Farm			
Income	5 725 42	1 313 73	7 039 15
Expense			
Seed	235 51	117 25	352 76
Repairs	130 67		130 67
Insurance	97 19	41 30	138 49
Miscellaneous	31 58		31 58
Topographical Survey	27 32		27 32
Permanent Improvements	216 19	106 62	322 81
Total Expense	(738 46)	(265 17)	(1 003 63)
<i>Net Income</i>	<u>\$4 986 96</u>	<u>\$1 048 56</u>	<u>\$6 035 52</u>
Both Farms			
Income	10 481 60	2 850 13	13 331 73
Expense	1 856 37	547 92	2 404 29
<i>Net Income (Sch. A)</i>	<u>\$8 625 23</u>	<u>\$2 302 21</u>	<u>\$10 927 44</u>

SCHEDULE E
CARTER-PENNELLS FARMS
INCOME AND EXPENSE 1928 CROP YEAR

	<i>North Farm</i>	<i>South Farm</i>	<i>Total</i>
Income			
Rent		\$ 185 00	\$ 185 00
Sale of Produce			
Corn (less Inventory March 1, 1928)		868 74	868 74
Oats		259 99	259 99
Net Income from Partnership Revolving Operations (See Sch. F)	\$1 536 40		1 536 40
<i>Total Income</i>	<u>\$1 536 40</u>	<u>\$1 313 73</u>	<u>\$2 850 13</u>
Expense			
Seed (Clover, etc.)	36 50	117 25	153 75
Repairs			
Barn, etc.	9 38		9 38
Insurance	38 15	41 30	79 45
Limestone Fertilizer	37 89		37 89
Miscellaneous	2 05		2 05
Permanent Amortization of Improvements (Sch. C)	158 78	106 62	265 40
<i>Total Expense</i>	<u>\$ 282 75</u>	<u>\$ 265 17</u>	<u>\$ 547 92</u>
<i>Net Income (Sch. A)</i>	<u>\$1 253 65</u>	<u>\$1 048 56</u>	<u>\$2 302 21</u>

SCHEDULE F
CARTER-PENNELLS FARMS
NORTH FARM—PARTNERSHIP REVOLVING ACCOUNT
1928 CROP YEAR

<i>Income</i>		
Sale of Hogs.....	\$506 04	
Sale of Milk, Butterfat, Veal.....	602 19	
Sale of Poultry and Eggs.....	227 31	
Sale of Grain and Feed		
Hay.....	\$21 91	
Oats.....	55 81	
Estimated Value of Unsold Stock and Crops (Sch. B).....	2 400 00	
<i>Total Income</i>		\$3 813 26
<i>Expense</i>		
Inventory of 1927 Stock and Feed on Hand March 1, 1928 (See February 29, 1928 Report).....	1 062 00	
Stock Purchased.....	650 65	
Feed Purchased.....	450 16	
Seed Purchased.....	24 65	
Breeding Fees.....	20 00	
Hatching Fees.....	10 78	
Medicine and Professional Services.....	16 95	
Threshing.....	39 32	
Miscellaneous.....	2 35	
<i>Total Expense</i>		\$2 276 86
<i>Net Profit (to Operating Account, Sch. E)</i>		\$1 536 40

APPENDIX
CARTER-PENNELLS FARMS
FINANCIAL RESULTS TO BOTH UNIVERSITY AND OPERATORS
YEAR ENDING FEBRUARY 28, 1929

A brief financial statement of the total earnings on the Carter-Pennell Farms for the year ending February 28, 1929, including both the income to the men operating the farms and that of the University of Illinois, may be represented briefly as follows:

	<i>North Farm</i>	<i>Total Farm Record</i>	<i>Oper- ator's Share</i>	<i>Univer- sity Share</i>
Total Investments including land, buildings, livestock, and equipment.....	\$32 900 81		\$3 802 00	\$29 098 81
Income.....	\$ 3 303 61		\$1 767 21	\$ 1 536 40
Expense.....	701 25		418 50	282 75
Income less Expense.....	2 602 36		1 348 71	1 253 65
Value of Operator's Labor.....	720 00		720 00	
<i>Net Profit</i>	\$ 1 882 36		\$ 628 71	\$ 1 253 65
<i>South Farm</i>				
Total Investments including land, buildings, livestock, and equipment.....	\$21 950 00		\$1 850 00	\$20 100 00
Income.....	\$ 2 813 73		\$1 500 00	\$ 1 313 73
Expense.....	678 17		413 00	265 17
Income Less Expense.....	2 135 56		1 087 00	1 048 56
Value of Operator's Labor.....	720 00		720 00	
<i>Net Profit</i>	\$ 1 415 56		\$ 367 00	\$ 1 048 56

On motion of Mrs. Busey, this report was approved.

KEY TRANSIT SYSTEM BONDS

Mr. Trees, for the Finance Committee, made a report on the condition of the Key Transit System bonds (\$5,000), part of the principal of the Marcus Russell Loan Fund.

On motion of Dr. Noble, the Treasurer and the Comptroller were directed to sell these bonds at the best price obtainable. The vote was as follows: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emerson, Mr. Simpson.

GRADUATE SCHOLARS AND FELLOWS

The Secretary presented for record the following supplementary list of scholars and fellows in the Graduate School, appointed by the President of the University:

English	FRED J. BERNER.....	Scholarship	\$300
	J. E. CHARLES.....	Scholarship	\$300
German	SADIE G. ROELOFS.....	Scholarship	\$300
History	RUTH E. PARSONS.....	Scholarship	\$300
Mathematics	R. MAURINE JOHNSON.....	Scholarship	\$300
Physics	D. A. FOGELSANGER.....	Scholarship	\$300

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Bartlett, R. W., Instructor in Agricultural Economics, in the Department of Economics, in the College of Commerce, for three months beginning April 1, 1929, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month (this superseding his previous appointment). (April 22, 1929)¹

Goold, Robert Harold, Research Assistant in Agricultural Economics, in the Agricultural Experiment Station, on one-half time, beginning April 15, 1929, and continuing until August 31, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month. (April 12, 1929)

Griffin, Judson Roy, Laboratory Assistant in Geology, beginning April 15, 1929, and continuing to June 30, 1929, at a cash compensation at the rate of one hundred thirty dollars (\$130) a month (this superseding his previous appointment). (April 16, 1929)

Grosz, Eugene, Assistant in Internal Medicine, in the College of Medicine, beginning May 6, 1929, and continuing until September 1, 1929, without salary. (May 7, 1929)

Guttman, Melvin Reese, Assistant in Otolaryngology, in the College of Medicine, beginning April 15, 1929, and continuing until September 1, 1929, without salary. (May 4, 1929)

Innis, Thelma, University Junior Clerk, in the Department of Dairy Husbandry, in the College of Agriculture, for five months beginning April 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (April 13, 1929)

Kaufman, Samuel I., Assistant in Ophthalmology, in the College of Medicine, for four months beginning May 1, 1929, without salary. (April 25, 1929)

Kenny, Eleanor Margaret, Technician in Otolaryngology, in the College of Medicine, beginning April 15, 1929, and continuing until September 1, 1929, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (April 18, 1929)

Mason, Marion L., Artist in Medical and Dental Illustration, in the College of Medicine, on one-half time, beginning May 10, 1929, and continuing until September 1, 1929, at a cash compensation at the rate of one hundred eight dollars thirty-three cents (\$108.33) a month. (April 12, 1929)

Michaels, Walter H., Research Assistant in Olericulture, in the Agricultural Experiment Station, for one year beginning July 1, 1929, at a cash compensation at the rate of one hundred sixty-six dollars sixty-six and two-thirds cents (\$166.66 $\frac{2}{3}$) a month. (April 26, 1929)

Raymond, Sidney Wallace, Assistant in Internal Medicine, in the College of Medicine, beginning April 8, 1929, and continuing until September 1, 1929, without salary. (April 12, 1929)

Richter, Oscar, Instructor in Internal Medicine, in the College of Medicine, for four months beginning May 1, 1929, without salary. (May 4, 1929)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Smith, Vivian Thomas, Assistant in the Bureau of Educational Research, in the College of Education, for three months beginning June 1, 1929, at a cash compensation at the rate of one hundred sixteen dollars sixty-six cents (\$116.66) a month (this superseding his previous appointment). (May 9, 1929)

Weinfeld, Gustave F., Associate in Pediatrics, in the College of Medicine, on one-half time, for two months beginning July 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (May 4, 1929)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

June 11, 1929



The June quarterly meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9:30 a.m. on Tuesday, June 11, 1929.

The following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson.

President Kinley was present.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

DEGREES TO BE CONFERRED IN JUNE

(1) The Secretary has the recommendations of the University Senate for degrees which were conferred at the Commencement exercises of the Chicago Departments on June 8; degrees to be conferred at the exercises in Urbana-Champaign on June 12; and degrees to be conferred at the end of the Summer Session, the latter subject to the completion of certain requirements.

I request approval of the conferring of degrees at the exercises in Chicago on June 8; and authority to confer degrees in accordance with the recommendations of the University Senate on June 12; and the same authority to confer degrees on recommendation of the University Senate at the end of the Summer Session when the requirements of the candidates concerned have been met.

On motion of Mrs. Evans, approval of the conferring of degrees in Chicago was given, and authority to confer degrees as recommended was granted.

SUMMARY OF DEGREES, JUNE, 1929

<i>Honorary Degrees</i>	
Doctor of Laws	3
<i>Degrees in the Graduate School</i>	
A.M.	84
M.S.	75
C.E.	2
E.E.	2
M.E.	4
Ph.D.	36
<i>Total</i>	203
<i>Baccalaureate Degrees</i>	
A.B.	455
B.S. in Liberal Arts and Sciences	46
B.S. in Commerce	212
B.S. in Engineering	236
B.S. in Agriculture	100
B.Mus.	14
B.S. in Library Science	91
B.L.S.	1
B.S. in Education	308
B.S. in Journalism	21
<i>Total</i>	1484
<i>Degrees in Law</i>	
B.S.	4
LL.B.	60
J.D.	5
<i>Total</i>	69
<i>Total, Colleges and Schools at Urbana</i>	1759
<i>Degrees in Medicine</i>	
B.S.	90
Certificate in Medicine	118 ¹
<i>Total</i>	90

¹Showing the completion of four years' work—not counted as degrees.

<i>Degrees in Dentistry</i>	
B.S.	3
D.D.S.	24
<i>Total</i>	27
<i>Degrees in Pharmacy</i>	
Ph.C.	101
Certificate in Pharmacy	13 ¹
<i>Total</i>	101
<i>Total, Departments in Chicago</i>	218
<i>Total, All Departments, June</i>	1977
<i>Total in February</i>	224
TOTAL, ALL DEPARTMENTS, 1929, TO DATE	2201

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

GERTRUDE ABERCROMBIE	EVA MAYE BENTON, with
GEORGE MELVIN ACKERMAN, III	Honors in French
VIRGINIA ADAM	FRED JOHN BERNER, with Honors
EDWARD LAWRENCE ADAMS, Jr.,	in English
with Honors in History	WALTER BENNETT BESLEY
MARJORIE KATHERINE ALCORN	DOROTHY ADELAIDE BEVIER
MASON BERTYN ALDRICH, with Honors	GUDRUN OLIVIA BIRGER
in English	FREDERICK RAYMOND BOWEN
BILLIE G ALEXANDER	EULALIA GRACE BREESE, with
HELEN JOHNSTON ALEXANDER	Honors in Latin
PHYLLIS MARION ALEXANDER, with	BETTY MARY BRENNAN
Honors in Latin	OLIVIA GOULD BRENNAN
GEORGIA FRANCES ALKIRE	LORA KATHRYN BRIGGS
JOSEPHINE ALLEN	HELEN HONORA BRITTON
WILLIAM PALMER AMERSON	DOROTHY ALENE BRODERSEN
EDWARD ERIC ANDERSON, with	DALE EARL BROWN
High Honors in Philosophy	EVERETT WOHLFARTH BROWN
LOIS ARMSTRONG	MARGARET JOHANNE BUEHLER
ROY MARTIN ASHER	CHARLES CALVIN BUHRMAN
NANCY LETCHER ATKINSON	GORDON BUNNEY
MILDRED ELIZABETH AUSTIN	JOSEPHINE MCNALLY BURDETT
MARTHA AMELIA BAETHKE	LAURA DUNAWAY BUTLER
ROY EVERETT BAIRD, with High	BARBARA VERGENE CAMPBELL
Honors in Journalism	JOHN HANNIBAL CARTER, with
MAURINE WILMA BAKER, with	Honors in Latin
Honors in History	MARY HELEN CHADWICK
BRUCE NED BALDING	COLETA MARIE CLANCY
JAMES WILLIAM BALLARD, with	MASON JOHN CLARKE, with
Honors in Physics	Honors in Political Science
FRANCES RUTH BANTA	RAY BROMLEY CLARKE
GEORGE FRANCIS BARRETT, JR.	JESSIE ELLEN CLAYTOR
EVA MARGARET BASSETT, with	FRANCIS PATRICK CONLON
Honors in Latin	DOUGLAS DENIS CONSIDINE, JR.
MILDRED ELIZABETH BAUMANN	FREDERICK STANLEY COOMBS, JR.
SARA ELIZABETH BELTON	FAYE EMMA CORNER
JOHN HOWARD BENJAMIN	LOUIS CHARLES COTIE
MADelyn GERTRUDE BENTLEY	GENEVA COUBERLY
EVA FAYE BENTON, with	NEVA MAURINE COVEY
Honors in English	

¹Showing the completion of three years' work—not counted as degrees.

JUDITH ETHEL COX, with Honors
in Latin
MARION KENDALL CRAINE
HELEN LOUISE CRAMER
VIRGINIA BARTLIT CRAVER
ELINOR JOSSELYN CROOK
WILFORD OAKLAND CROSS
VANCE STUART CUMMINS
FLORENCE MAE CURTIS
THEODORE OLIVER CUTRIGHT
ALMYRA FRANCES DAMEIER
WILLIAM ORVILLE DAMRON
GEORGE STANLEY DANIELS
GWENDOLYN DARGEL, with Honors
in French
EDITH MAY DAVIS, with Honors
in Mathematics
MABEL DEERE, with
Honors in English
FRANCES BAGHOT DE LA BERE
ROBERT JAMES CARR DELL
CARTER MITCHELL DEWEY
ARTHUR EDWARD DILLNER
JANE DILLON
ARNOLD JOEL DOESCHER
MARY ELIZABETH DOOLITTLE
JOHN RICHARD DREES
ROBERT McCULLOCH DRUMMOND
DOROTHY CATHARINE DUNCAN
MILES WILLIAM DUNNINGTON, with
Honors in History
HELEN MARCELINE DUVALL
RICHARD CAMPBELL DYAS
WENDELL LEE EAST
ROBERT ALFRED EDGERTON
MARJORIE LYLE EGBERS
MARY ANN EIDMAN
RUTH MARGUERITE EINHAUS, with
Honors in Mathematics
IRVING EISENSTEIN
SIDNEY EVERETTE EKBLAW, with High
Honors in Geology
RONALD OSCAR EKHOLM
EDYTHE ELLER
CLARENCE PETER ENGELSMAN
AVA MARIE ENNIS
MILDRED LEIGH ENNS
CHARLES ARTHUR EVERETT
DOROTHY ALICE EYMAN
MILDRED JOYCE FAULKNER
RUTH MARIE FEDDER
EDWARD FERGUSON, JR.
SARAH CATHERINE FERRALL
VICTOR EUGENE FERRALL
HELEN LOUISE FICKER
FRANKLIN WIXON FIETSCH
DOROTHY MAY FILBAY, with
Honors in French
MARGUERITE SOPHIA FISCHER
ALVA ALBERT FISCUS
ROBERT BRUCE FISHER
ALVIN TEXAS FISHMAN

LOUISE HORNING FORD
MARY FRANCES FOSTER
ALFRED BLAIR FRENCH
JOHN LAWRENCE FRIEDL, JR., with
Honors in History
GENEVIEVE GERTRUDE FRISON
JEANETTE ETHEL FRY
NEDRA FUNK
LUCIA HARRIETT GARDNER
FRANKLIN DAVIS GARRISON
HAROLD LORAN GEISERT
NINA LUCILLE GHENT
SARA JEANNETTE GIBSON
DOLORES JANE GILLEN
CECILE GRAY GILROY, with
Honors in French
SARAH GINSBERG, with
Honors in History
MARY MARGARET GLENN
JONATHAN HURFF GLIDDEN
WILBERT GIBBS WILSON GLOS
MARION PARKER GOAR
FLORENCE HELENE GOODFELLOW
ISMA IRENE GRAVELOT
MARGARET EDNA GRAVES, with
Honors in Economics
JEANETTE GERTRUDE GREELEY
MARTIN LINCOLN GREEN, with
Honors in French
PAUL MONTGOMERY GREENWELL
ELIZABETH ADELINE GREGORY
HAROLD BERNARD GROH, with Honors
in Economics
FRANCES WILHELMINA GROTH
DARLENE GUBBINS
RUTH ELIZABETH GUSTAFSON
GWENDOLYN LOUISE GWIN
ARCHIE MARTIN HALL
DORIS EVELYN HALL
MARJORY ISABEL HALL
JOHN KING HAMILTON
ROGER EMORY HAMMAKER
MAXINE DOROTHY HAMMERSCHMIDT
FLORENCE MARJORIE HAND
GORDON KEITH HARPER
SCOTT NATHANIEL HARPER
FRANCES KLOR HARTMAN, with
Honors in History
HAROLD HENRY HARTUNG
MAXINE BROWNLOW HAWKINS
EARLE HAZELIP
GRACE CECELIA HEIDEMAN
ERNEST WILLIAM HELMERDINGER
FREDERIC WALTER HEINEMAN, with
Honors in Philosophy
ALICE MARGUERITE HENDERSON
KATHRYN ELIZABETH HENDRICKS
FRANCES E W A HENNE
RUTH MARY HERR
AUDREE VERLE HILL
ANNE ELIZABETH HIRST
LILLIAN ADELINE HITCH

- ANNE MCKINNEY HODGSON
 LOUISE WILHEMENE HOFFERBERT
 CHARLOTTE JUNE HOFFMAN, with
 Honors in Spanish
 VALENTINA CATHRINE HOFSSOMMER
 NEDRA WYVETTA HOLLIS
 LESTER STOKES HORNBUCKLE
 DAVID MCCOLL HUDSON
 ZOLA LEONA HULICK
 ETHEL JUAL HULL
 JESSE RAYMOND HURLEY, with
 High Honors in English
 CHARLES SUDDUTH HURT
 TIMOTHY BRIGHAM INGWERSEN
 ALBERT HENRY ISENBERG
 HELEN WOODS JACKSON, with
 Honors in English
 ROBERT LYNN JACOBS, with
 Honors in English
 PAULINE JARMAN
 SAMUEL GEORGE JENKINS
 MARY ELIZABETH JENS
 MARIAN ISABEL JEWELL
 ANNA ALIDA JOHNSON, with
 Honors in Chemistry
 IRVIN HARRY JOHNSON
 ELIZABETH JOINER
 ADA JOSEPHINE JONES
 MILDRED VAN VOORHIS JONES
 MARGARET ELIZABETH JOPLIN
 ELIZABETH AMELIA JUNG
 GRACE MARIE KAMM
 MARY ELIZABETH KANE
 J GERALDINE KAUFMAN, with
 Honors in French
 ROBERT REED KELLEY, with
 Honors in Chemistry
 HELEN ELIZABETH KENISTON
 FLOYD MARION KENLAY
 ELIZABETH JANE KETCHUM
 RUTH LANDER KIDDER
 FREDERIC LEE KIRGIS, with
 Honors in Political Science
 EDYTHE JESSIE KIRK, with
 Honors in Latin
 GENEVIEVE MOORE KIRMAN
 EMILY HELEN KNIPEP, with
 Honors in Psychology
 FRANCIS JACOB KOENIG
 DONALD WINSTON KOHLSTEDT
 HELEN KATHERINE KOONTZ
 NORMAN ADOLPH KORFIST
 MILDRED AGNES KOSIN
 ALICE JEAN KOSTAKOS
 IDA A KROENLEIN, with Honors in
 Mathematics
 ELSA KRUSCHWITZ
 FLORENCE LACKEY
 SISTER PAUL MARIE LAFOND
 LUCILLE MARY LA PORTE
 RUTH MARY LAW
 HAROLD EUGENE LAWRIE
 FRANCIS RAYMOND LAWSON
 MARY KATHERYN LAYTON
 ROBERT EDWARD LEE
 EARL SMITH LEIMBACHER, with
 Honors in Zoology
 SARA LEVY, with Honors in Psychology
 NAOMI MARIE LIERMAN
 MAXINE STEWART LILL
 LEVI ROBERT LIND, with
 Honors in Classics
 CARL GLENN LINDSEY
 ARLENE LOUISE LIPPETT
 LAVERNE OLGA LIVEZEY
 KATHRYN MARY LOCK
 GRACE ELIZABETH LOCKHART, with
 Honors in English
 MAYDEE LOGEMAN
 RUTH JANE MCARTHUR, with
 Honors in History
 HAROLD FOSSET MCCLELLAN
 GLENN BRYAN MCCLELLAND, with
 Honors in Political Science
 ALICE TROWBRIDGE MCCORMICK
 LUCILE MCCOWEN
 DOVIA CARL MCDAVID
 MARGARET PLOWMAN MCGLOTHLIN
 FAYE MARGUERITE MCMILLAN, with
 Honors in French
 MERIBAH JEAN MABIE
 FLOSSIE THELMA MARSHALL
 JAMES YOUNG MARSHALL, JR.
 EMILY KATHLEEN MARTIN, with
 Honors in Mathematics
 MARIAN HELEN MARTIN, with Honors
 in English and Philosophy
 MARY ELIZABETH MARTIN
 MATTIE JASULA MARTIN
 MILDRED ALICE MARTIN, with
 High Honors in English
 HELEN DIXIE MASON
 PHILIP BENTLEY MASSLICH
 ESTELLA FERN MATHENY
 RUTH ELIZABETH MEMLER
 MILDRED EDNA MERKER
 ADELE MARIE MERNITZ, with Honors
 in Public Speaking
 HELEN LOUISE MERRYWEATHER
 ARLENE LUCILLE MILLER
 DAVID ABSALOM MILLER
 GUSTAV ADOLPH MILLER
 HOWARD RUSSEL MILLER, with
 Honors in Chemistry
 JOHN FRANCIS MILLER, with High
 Honors in Political Science
 MILTON ALBERT MILLER, with
 Honors in Zoology
 CHARLES EVERETT MILLS
 RUSSELL GATZ MITCHELL
 WILLARD EWART MONOHON
 CONSTANCE HARDIN MOON

- ENLY LEOLA MOORE
 CORA HELEN MORGAN, with Honors
 in Latin
 OLLIE NATHANIEL MORRIS
 EDWARD MARTIN MUELLER, with
 High Honors in German
 FLORENCE ANNETTE MUNSON
 JAMES FREDERICK MURPHY
 WALDO EVANS MURPHY
 DORIS EMIGENE NELSON
 NORMA MARIE NETZOW
 JULIA DOROTHY NEVILLE
 HELEN GERTRUDE NEWAY
 CATHERINE LOUISE NICHOL
 SARAH ANNE NIEDERMAN
 JOHN ELMER NORDSTROM
 NELSON NUTTALL
 LORETTA REGINA O'CONNELL
 JOSEPH EDMOND O'DONNELL
 MARIAN LAWRENCE OLIVE
 JOHN HURST OLWIN
 ROBERT BORGIA ORLOVICH, with
 Honors in English
 JOHN ROSEBERRY ORNDOFF
 CARMEN PADDICK, with Honors in
 History and Political Science
 KATHLEEN ELIZABETH PANGBORN
 RUTH IMOGENE PARKS
 HELEN LOUISE PATTON
 ADELAIDE COLE PAUL
 FRANK PERARDI
 AVICE MAYONA PERDEW
 LOUISE HELEN PERKINS
 FRED V PETER
 EVALINE ANNE PETTIGREW
 GEORGE NOBLE PORTNER
 ALDEN LESLIE POWELL
 FRANK ELIZABETH POWELL
 KATHRYNE ERIN POWERS
 ETHEL ALICE RAGLAND
 MARTHA OLIVER RAGLAND
 ANNETTE SHLAES RAPHAEL
 LOTTIE BERNICE RECTOR
 THOMAS LYNAM REEDY
 HAZELL HELEN REEVES
 MARGARET ALICE REHM
 HENRY RICHARD REYNOLDS
 KATHRYN ISABELLE RICKMAN, with
 Honors in English
 EDWARD HENRY RIECHERS
 ARTHUR GORDON RIPPEY, JR.
 ROBERT ROBB
 CORNELIA MARY ROBERTS
 EUGENIA HAISE ROBERTSON
 JOSEPHINE ROBERTSON
 MARVIN RUDOLPH RODEMEIER
 CHARLES ALBERT ROSS
 WILLIAM LEWIS ROWE
 LOREN JONATHAN ROWELL
 MARGARET JULIA ROY, with
 Honors in History
 JAMES MURRAY ROYER
 REBECCA RUBIN
 RALSTON LAWRENCE RUNDQUIST
 JOHN FREDERICK SALKELD
 ADELE RUTH SATTENSTEIN
 HARRIETT SELMA SATTENSTEIN
 ROBERT THOMAS SAUNDERS
 DORIS GEORGIA SCHEIB
 DOROTHY FRANCES SCHEIB
 VIRGINIA LOUISE SCHENCK
 MATHILDA ELIZABETH SCHNEIDER,
 with Honors in Zoology
 ELLEN AGNES SCHULTZ
 MAY LOUISE SCHULTZ
 MARGARET SCHUMACHER
 HAROLD WILLIAM SCOTT
 JOHN LOCKE SCRIPPS
 CATHERINE MARTHA SEITER
 MARY FRANCES SEXTON
 GLADYS VIOLA SHAW
 VIRGINIA BURKE SHAW
 MARY ELIZABETH SHELDON
 EDGAR ALAN SHOAFF, with Honors
 in English
 RUTH CLARA SIEMER
 HARRIET LUCILE SMILEY
 JAMES JOHN SMILEY, JR.
 VIRGINIA POWERS SMITH
 HAROLD NORMAN SOLOMON
 ANNA ELIZABETH SOLOMON
 GENEVIEVE RUTH SORENSEN
 MARJORIE STOCKING
 RAYMOND WILLIAM STOLTEY
 HOWARD KENNETH STORY
 GRACE MADELINE ISLEY STRETCHER
 CATHERINE MARGUERITE SULLIVAN
 LEWIS RANDOLPH SUTIN
 VIRGINIA REED TAGGART
 FRANK SELBY TARVIN
 MILDRED KELLEY TERRY
 LAURA LEE THOMAS
 VIRGINIA MARION THOMAS
 FERN ELIZABETH THOMPSON
 MARGARET ELVINA THRASHER
 ALICE MARGARET TIEBOUT
 HELEN CABOT TOLER
 THOMAS GRINDLEY TOLMAN
 MARY MARGARET TORTICIL
 WILLIAM TRELEASE, JR.
 MARY LILLIAN TRENCHARD
 BERNICE WINNIFRED TRESS
 GEORGE HOLBORN TURNER
 HELEN VANCE UNDERWOOD
 HENRIETTA TIFFT UNDERWOOD
 ALPHA MARGARET VAKY
 EMMA LOUISE VANNATTA
 VELVIE MAURINE VETTER
 LEILA DELL VOLBERDING
 DOROTHY FAY VOSE, with
 Honors in Latin
 ETHEL MARION VRANA, with Honors
 in English
 HAROLD DEAN VURSELL

MARY JUNIATA WAGENSELLER
 ANNIE LOUISE WALKER
 CHARLES EDWIN WAMPLER, with
 Honors in Physics
 RUTH KATHRYN WANGELIN
 JAMES DAYTON WARD
 MINNIE WARNECKE
 MARGARET STUART WATSON
 MARJORIE BELLE WATSON
 NORMAN ALLEN WATSON, with
 Honors in Physics
 ANNA MARGARET WEATHERFORD, with
 Honors in Mathematics
 DEVORAH SYLVIA WECHSLER
 JEROME MORTON WECHTER
 DOROTHY LEE WEIDNER
 MILDRED MONA WEISSNER
 JOHN ALBERT WELLS
 EDWARD GAIL WESTBROOK
 JULIA ELIZABETH WESTERN

FRANCES OLIVE WETHERHOLD
 RALPH LOWRIE WHEATON, JR.
 DORIS EMILIE WHINREY
 DOROTHY MERLE WHITE
 GERALD EMANUEL WHITE
 GEORGE KENNETH WHYTE
 CATHERINE MARIE WICK, with
 Honors in History
 THEODORE BURTON WIESE
 MARJORIE ELOISE WILSON
 KATHRYN LORRAINE WOLF
 EDNA VAN ETTEN WOOLSEY, with
 Honors in History
 MARTHA EVELYN WOUNDY
 ARTHUR WILLIAM WOY
 JUNE BERNICE WYLIE
 HELEN MARGARET YOUNG
 HENRY HERMAN YOUNG
 MARIETTA CAROLYN ZIEGLER

In Home Economics

LUCILLE MIRIAM BARNARD
 AGNES SOPHIA BORMAN
 HERTHA LILLIE BOWMAN
 INEZ RUTH CONARD
 REBECCA ELMA DENISE
 DOROTHY ANN ELLIOTT
 GEORGEA VANDERBILT FARNAM
 ARLENE H FLINT
 EVELYN GAIL FOSTER
 MARIE DOROTHEA FRANZ
 RUTH IRENE GATES
 MILDRED LORETTA GILCHRIST
 RACHEL FLORENCE GOOLD
 ALMA EVELYN GROVE
 HELEN MARJORIE HARRISON
 ALICE MERYLE HAUSLER
 LONA OLETHA JOHNSON
 ZENA AUDREY KIBLER
 BERTHA EMILY LAUE, with Honors

MARY FRANCES LYNCH
 MARY MACKAY
 WILHELMINA HENRIETTA MEYER
 MARY EVELYN MOORMAN
 WINONA LOUISE MORGAN
 ESTHER HILDA MORLOCK
 ALMA ANETTE NIEMAN
 CATHERINE ELIZABETH PARKS
 MARGARET POUND
 IRMA RUSSELL
 ESTHER MAGDALENE SCHRUM
 ALICE LIELA SEAMAN
 BERNICE ESTHER SMITH
 ALMA MAY SPENCER
 ANNA LOUISE STILL, with Honors
 ANNA MARIE WEBER
 MARY FRANCES WEST
 MERCEDES GERTRUDE WITTENFELD,
 with Honors

Degree of Bachelor of Science

In Liberal Arts and Sciences

HELEN FRANCES BARR
 MARGARET MARIE BECKER
 FRANK HANLY BROCK, with
 Honors in Chemistry
 CARL NICHOLAS CHALLACOMBE
 WILLIAM JOSEPH COHEN
 DEAN HUDSON CRABB
 STEVEN STANLEY CZERWINSKI

ROBERT DONALD FRASER
 MAE MORRIS GIBBS
 WALTER JOSEPH JORISON
 GUY SHERIDAN KRUMMEL
 AUGUST THERON PERKINS
 HAROLD CARL STRUCK
 ABE TRAVIS
 DAWSAN PERRY WILSON

In Chemistry

DAVID HENRY BEREZOWSKY
 BACON FIELD CHOW, with Honors
 RALPH ALEXANDER CONNOR, with
 High Honors
 WARREN PRATT CORTELYOU, with
 Honors

FRED ALEXANDER DYKINS, with
 High Honors
 LOUIS KENNETH EILERS, with
 High Honors
 JAMES ARNOLD GREGORY
 CHESTER WILBERT HANNUM

WILLIAM FOLEY HENRY, with Honors
 BEN WILSON HOWK, with High Honors
 WILLIAM FREDERICK KNOP
 MILTON HERMAN KREIMEIER
 OSCAR ROBERT KREIMEIER
 ESTHER ALICE ROUND

WILBUR CLAIRE SHAND
 ROY KENNETH SNYDER
 RICHARD THEODORE UBBEN
 JAMES HAMILTON YOUNG
 CONSTANTINE D ZANNIS

In Chemical Engineering

RALPH VINCENT BOYER
 MARTIN BUCK, with High Honors
 HAROLD WILLIAM CATT
 ERNST OTTO EDELMANN
 LUDVIK JOSEPH KOCI, with Honors
 HARRY LITWIN, with Honors

BYRON MARQUIS
 ROY MYRON MILLER
 JOSEPH EDWARD SHAW
 HAL JAY SONA
 MICHAEL VOLCSKO
 HENRY WELGE, with Honors

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

WILLIAM ANDERSON, JR.
 SAM MARSHAL AVIDON
 GEORGE EARL BEST
 SHUMWAY JACOB BIRD
 JESS L BITZER
 CLYDE KENNETH BOWLES
 JAMES UPTON BRONSON
 MARY HELEN CARSON
 LELAND HOOKER CASS
 CLIVE FLEEMING DUNHAM, with
 High Honors
 MARGARET OLIVE FINNICUM
 FRANK CLARENCE GABRIEL
 HOWARD WILLIAM GEIST
 FRANK WILLIAM GERWIG, with Honors
 MAURICE FRANCIS GILMAN
 ARTHUR GREVE HIERONYMUS, with
 High Honors
 HARRY HULMAN
 MAURICE WILLIAM HUSTON
 DAVID DOYLE JACOBS, with High Honors
 EDWARD RUSSELL JOHNSON, with Honors
 KEITH HOWARD KITTLE
 JOHN LOUIS LADEN
 CLARENCE ARTHUR MARTIN
 JAMES ALVIN MARTIN

EVERETT BUTLER NEVILLE, with Honors
 LESLIE FAYE PATTON
 JAMES LAWRENCE PERRY
 EDWARD HJALMAR PETERSEN, with
 High Honors
 JOSEPH LYNN PFLUG
 GEORGE E POTTS
 GEORGE ROBERT RADKE
 LYNN GEORGE SAHLIN, with Honors
 EDWIN CHRISTIAN SCHILLING
 JOSEPH RUSSELL SHRADER, with Honors
 HAYWARD MATTHEWS SMITH
 HENRY MITCHEL SPACK, with
 High Honors
 SAMUEL WALDO SPECTHRIE, with
 High Honors
 CLAUDE BERTRAM STANLEY
 CHI FONG SUN
 HALE ARTHUR THOMPSON, with
 Honors
 STANLEY RAY WADSWORTH
 SAMUEL HERBERT WEBER
 GRANT HARRISON WIER
 CLAUDE ALDEN WHITE
 RAYMOND ELMER WILKINSON
 GEORGE EDWIN YANOS

In Banking and Finance

HIRAM FREEMAN BRIGHT
 WILLIAM THOMAS CAMERON
 ROBERT EMMET DUFFY
 WILLIAM MACVICAR EXLEY
 BYRON HENSON FULLER
 ARMAND LEE HOFFMAN
 EDGAR ALAN HOWARD
 MARION CRAMPTON JAHN
 SIDNEY KAPLAN
 CHARLES HERMAN KLOPPENBURG

RICHARDS LINDLEY LAYMAN
 ELIZABETH MANSFIELD
 ROBERT STEPHEN NESBITT
 RAYMOND LAVERNE ROBINSON
 MILTON JOHN ROSE
 ALVIN MACEO RUCKER
 FLOYD WALSH SANDERS
 GLENN RAYMOND WAHL
 WILLIAM MARBLE WILLETT, JR.

In Commerce and Law

HARVEY JACKSON DEOBALD
 ROBERT CLAYTON GARRETSON

ALBERT EDWARD HALLETT
 ALBERT LLEWELLYN HERMAN

BEN CARL LEIKEN
HARRY LAMBERT LOGAN, JR.

ROY ALWYN POWERS
FRANCIS BOECHER STINE

In Commercial Teaching

LUCILE JOSEPHINE ARNOLD

In Foreign Commerce

RALPH ELLIOTT COOK
LEONARD BERTIS ELLIS
WALTER HICKMAN

FLOYD HILL
HENRY THOMAS WINTERBAUER

In General Business

HORACE CALVIN BAKER
WARREN JOHN BAKER
CHARLES CONDON BALL
WALTER JOSEPH BASKERVILLE
THEODORE ROBERT BAUERLE
ROBERT BURTON BELLOWES
ALBERT WALLACE BENNETT
THILO MAX BEST
CHARLES HENRY BEUTTER
LESTER LEONARD BODACH
HAROLD ADAMS BOLING
LYNN K BOWER
CLYDE ARTHUR BOYSEN
HAROLD MILLARD BUCK
JOHN CARSON BUMGARDNER
SABRA FELITA CAYLOR
JESSE EDWIN COMLY
ROBERT EDWIN COVINGTON
RAYMOND COX
ELIAS WILLIAM DARMSTATTER
FRANK VIVIAN DAVIS
KERCHIVAL DEAN
EDWARD LENKE DIENER
GEORGE LEWIS DIVER
WENDELL ROBERT DOOLITTLE, JR.
ERNEST FERDINAND DORN
GUY LESLIE DUELL
MYRTLE ERNESTINE FAHSBENDER
WILLIAM SWAIL FITZER
JOHN LEONARD FIX
WILLIAM DONALD FORSYTH
WILLIS MORGAN FOSS
JOSEPH FLAVIUS FRAKER
RUSSELL EARL FRANKENBERGER
ARMANDO ANGELO FREDA
BROOKS FULLER
GEORGE HAMLIN GATES
MYRON TURNER GILMORE
CHRISTIAN ALEXANDER GIMRE
ALICE MARIE GOODMANN
GRANT GORE
JESSE EUGENE HADDON
EDGAR MAXWELL HANNA
JEROME ALBERT HEPPESS
HARVEY MATHEW HINDERER
PHILIP FORBES HOLTON, with Honors
RAYMOND WALTER HOUSH
EDWARD JOHN HYNDY
JACOB LOUIS ITTIN
RALPH BERTRAM JOHNSON

SAMUEL KEENER JONES
GEORGE ROBERT JUST
FRANK KAPPE, JR.
CONRAD GEORGE KAUFMAN
HAROLD GLEN KELSEY
HARVEY MONTGOMERY KENT
LEONARD JOHN KNEEN
HARRY WALTER KNOLL
HILMAR CORNELIUS KRUEGER
WALTER CHARLES KURZ
ANDREW CHARLES LENZ, with
Honors
HAROLD BERNARD LEVIN
HERBERT GUSTAVE LIND
RUSSELL GRATH LONGLEY
FLOYD HARRIS MACKEY
ADAM WALLACE MANNING
GORDON VOSE MEAD
HAROLD KUEHN MEYER
LELAND ALBERT MEYER
ROY CARL MIELKE
FRANCIS RUSSELL MOON
ISAAC COLE MOORE
KENNETH WILLIAM MOSHER
FRED WILLIAM NELSON
CLIFFORD PARKER
ALFRED REID PARRISH
ROBERT PEARSON RANDOLPH
JULES REINAUER
JASPER FENTON RHODE
ISADORE ALLEN RUBENSTEIN
THEODORE FRANKLIN SAGE, with
Honors
KENNETH PRIDDY SANTEE
ROBERT LEE SCOTT
ELRENA DOROTHY SEIDER
HOWARD JOSEPH SHELBY
EDWARD LEEDS SPELLMAN, with
Honors
KENNETH WAGNER STOTLER
DALE EARL SUTTON
ELBERT FREEMAN SWEARINGEN
EVERETT ARTHUR TENBROOK
JOSEPH BENJAMIN TOZIER
DILL PRESTON VAN DUYN
HAVERLY H VAN EPPS, with High
Honors
FRANK VORIS
ALICE THERESA WALL
WALTER RALPH WEST

HOWARD ADOLPH WESTPHAL
DOUGLAS WILSON

GEORGE SAM ZILLY
OTTO ERNEST ZUTTERMEISTER

In General Railway Administration

ROLAND EDWARD OLSON

In Industrial Administration

PHILIP HENRY BOOTH
FRANK BUECHE
JOSEPH LESTER COHEN
FRANK WILLIAM DIBBLE
STANLEY HOWARD HOLMES

HARRY CLENDENIN PETERSON
MELVIN JOHN STEIN
ERVING JOSEPH ULRICH
FRANCIS AUGUSTUS WILGUS
GEORGE MERRITT WRAY

In Public Utilities

GEORGE ROY COOK
FRED RUBIAN DAHLBERG
ROBERT KEITH GRAYBILL
HOWARD ALVIN HAWLEY
HAROLD WILLIAM KASTEN

HAROLD RHOADS LISENBY
WILLIAM WILKINS PALMER
CLAYTON ELBERT SMITH
SAMUEL CARL WALKER

In Railway Transportation

FRANK CLEMENT NICKERSON

In Trade and Civic Secretarial Service

NOEL EUGENE ARMSTRONG

HARRY WALTER HANSON

In Accountancy and Banking and Finance

ARTHUR JAMES ABBOTT, with Honors
in Banking and Finance
GLENN HARRISON BREEN, with High
Honors in Banking and Honors
in Accountancy
WESLEY FRANCIS FISHER

ISHMAEL CICERO HERMAN
FRED LLOYD MERRILL
VERN ARTHUR PHILLABAUM
FRANK JOHN REICHARDT
AXTELL SHEETS
EDGAR DEAN ZELLE

In Commercial Teaching and Trade and Civic
Secretarial Service

LESTER WAYNE JEWELL

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Architecture

MAX ABRAMOVITZ
PIERRE ALBERT BEZY
ARTHUR LOYAL CHLADEK
JOHN FRANKLIN FIERBAUGH
MELVIN BYNG HUNT
DONALD STUART KING
MOE BERNARD KLEINMAN
MAURICE WARNER KLEINMAN, with
High Honors
FRANKLIN LINCOLN
JAMES FRANCIS MALLOY
ROBERT SIMPSON MAYBERRY

MASON GERARDI RAPP
GEORGE HEBERT DAVID RECHER
RAYMOND F RICE
JAMES ALFRED RUSSELL
WALTER BENJAMIN SANDERS
JOHN EDWARD SCHMARR
JOHN BISHOP SEAVEY
WILLIAM HERMAN SIMON
GEORGE E SMILEY
ROBERT FOSTER WEBER
OTIS WINN

In Architectural Engineering

JAMES ELLIOTT BRANCH, with
High Honors
HERBERT DANIEL BREDEHORN
RUSSELL OLIVER BROWN
WARREN MUN CHAN
EDWARD HOWARD COPILOW

LOUIS EDWARD DETURK
EDWIN BREVOORT FOSTER
GLENN WILLIAM FOSTER
RAYMOND EARL GERHOLD
RUSSELL COLE GIBSON
HARRY ALBERT HANDLER

LEON SYLVESTER HARLAN
 HERSCHEL DAVID HILL
 CHUNG HUANG
 JEROME HURWITZ
 JOSEPH FREDERICK JACKSON, JR.
 JOHN PARKER DANIEL JARVIS
 ALFRED CARL JOHNSON
 ELMER CURTIS KAUTT
 HENRY ADAM KERSTING
 JOHN ELOF LUNDSTRUM
 CHARLES DUDLEY MCDANIEL

JAMES WESLEY OWEN
 MAURICE LYNDEN PINKSTAFF
 THOMAS JOSEPH REDICAN
 EARL FRIDTJOFF RONNEBERG
 MARGARET ROTHMAN
 RICHARD BRADFORD SAWTELL
 HOWARD JOSEPH SNITOFF
 EDMUND FRANCIS TOTH
 ROBERT HIAWATHA TRINKLE
 RICHART LAMPING TROXWELL
 EDWARD TODD WHEELER, with High Honors

In Ceramic Engineering

HORACE WILBUR ALEXANDER
 RONALD GEORGE HARDY
 VINCENT CHARLES O'LEARY
 JOHN ELDREDGE SPIKER

BENJAMIN RUTHERFORD WINDSOR
 GEORGE WOLFRAM
 CARL HENRY ZWERMANN, JR.

In Ceramics

CAMERON GERALD HARMAN

EDGAR WAYNE SPARKS

In Civil Engineering

GEORGE EMERSON ATKINSON
 SAMUEL BARNOVITZ
 WILLIAM HARNS BIEDERMAN
 JOSEPH NEWELL BRADLEY
 LEO CHESTER BROOKS
 WILLIAM CLIFFORD CASSIDY
 JOHN DANZER
 HOWARD HENRY DAVIS
 DELMER GERVASE DEBO, with Honors
 WOLCOTT ROGER DERBY
 THOMAS JAMES DOLAN, with High Honors
 MERLE MATTHEW EAKINS
 NORTON BRADEN ELLIOTT
 MARVIN BAUER FIERKE
 HARRY RAYMOND GARING
 JOHN MACDONALD GIFFORD
 EARL HUSTON GLASGOW
 CHARLES ANDREW GRENNAN
 ELMER JOHN HERRINGER
 JUSTIN DWIGHT HILLYER
 VERNON PETER JENSEN, with Honors
 JACOB KAROL, with High Honors
 WILLARD CHARLES KING
 LAWRENCE McALLISTER KNAPP
 FRANK KOCHIS, with Honors
 RICHARD THORSTEN LARSEN
 SHIH LIN LO, with High Honors
 REX MARTIN McCANN
 ROBERT BURRUS BUCKNER MOORMAN

AUBREY JUSTIN NORVELL
 LEWIS KEEFER OESTERLING
 HAROLD FREDERICK OSTMAN
 RALPH LEROY PALMER
 JOHN PANG
 BENJAMIN LINDLEY PICKETT
 WILLIAM BAXTER PIERCE
 JOHN JOSEPH POER
 HOWARD SMITH PONZER, with High Honors
 JAMES RALPH PORWANCHER
 RAYMOND GEORGE PURNELL
 FREDERICK JOHN SCHNITZER
 CHARLES WESLEY HARMON SCHRADER
 ROBERT WATTS SEEMANN
 RICHARD PEARMAN SHANKS
 RANDALL DELIVAN SMITH
 HENRY GEORGE SPOERL
 MILLINGTON EVERETT STAIR
 PAUL ARLINGTON STEWART
 STANLEY SURWILL
 WILLIAM TRAVIS THORNBORROW
 HUNG PIN TIEN
 KUANG CHAO WANG
 ALBERT ADCOCK WELLS
 ROBERT DEXTER WILEY
 EDWIN PAUL WILLIAMSON
 CHARLES WOLINSKY
 STANLEY WESLEY WOODS
 CHING-TE YUAN

In Electrical Engineering

RALPH HALLETT APPELBY
 CLARENCE JOHN ARMSTRONG
 STUART MONROE BABCOCK
 RICHARD WILEY BENFER
 JOHN FISHER BRACKEN
 FRANCIS THRALL BREWER
 GORDON WHIPPLE BROWN
 CHARLES ARTHUR BUTTS

MYRON ERICSON CHANDLER
 ROBERT HENRY CLARK
 CLIFFORD CONANT CONWAY
 LEWIS RAY COOK, with High Honors
 LIVA MORGAN CRAFT, with High Honors
 WILBUR FREDERICK DUERINGER
 DONALD CARLTON DUNCAN

JOHN CLIFFORD EARL
 LUIS CHAMY FALAHA
 SAUL FINKELSTEIN
 CAMERON EUGENE FISHER, with
 High Honors
 DONALD RAYMOND GROFF
 WILLIS HENRY HARSZY
 WILLIS EADA HASELWOOD
 EDWARD JACOB HERZOG
 ROSS BARNUM HOFFMAN
 FREDERIC WILBUR HORNBERGER
 LINUS OTTO HUBBARD, with High
 Honors
 FREDERICK CECIL HUGUET
 LESTER YENAWINE LACY, with
 High Honors
 HERBERT LEVY
 LEROY WILLIAM MAROSE
 EDWIN DEHAVEN MARTIN
 JOHN EDWIN MARTIN
 REGINALD DENNISON MERRILL
 FRANK MARPOLE MORGAN
 RICHARD ANDREW MUNSTER
 GIAN CHAND NAGRATH

EDWIN KEITH NELSON
 PETER SAMUEL OLING
 JOSEPH HENRY PERRY
 WILLIAM CALDWELL ROSBOROUGH
 J RAYMOND RUDDOCK
 JOHN BASIL SALLEMI
 ELMER CHRISTOPH SCHMIDT
 FRANCIS MILLARD SCHMIDT
 JAMES PUTNAM SCOTT
 THEODORE G STEIN
 CARL HASSON STEINHARDT
 ALFRED FRANK STUTTLE
 MAURICE EDWIN SWIFT
 FRANK DWAIN TEMPLE
 WALTER AUGUSTUS TUETKEN
 RUSSELL LOUIS VELDE
 ALBERT GEORGE VIOLA
 HENRY AUSTIN VOORHEES
 JOHN LEMUEL WIEGREFFE
 WILLIAM LLEWELYN CHARLES WILLIAMS,
 with High Honors
 STANLEY COATES WITHEE
 HORACE MARION WOOD
 CLIFFORD HENRY WURTZ

In Engineering Physics

BERYL HERBERT DICKINSON, with
 High Honors

JOHN HENRY MANLEY, with High
 Honors
 OLIVER FRANKLIN REDD

In General Engineering

WILLIAM CARNEGIE BREMNER
 DONALD MEEKER BROWN
 CLARENCE NILES BURNAM, JR.
 FREDERICK KELTON GARTUNG
 CHARLES ARNOLD GOUTEVENIER
 JOSEPH ALBERTUS GUYER

KENNETH JACKSON HOWARD, with
 Honors
 WALTER JAMES KARCH
 HOWARD JOHN NEBECK
 HAROLD EUGENE RITTENHOUSE
 CLARENCE JOSEPH UHLIR
 ROBERT COLEMAN YOUTSEY

In Mechanical Engineering

BRUCE EDWARD AYER
 HILDING VINCENT BECK, with Honors
 TRACY CARRIGAN
 MYRON WENDALL CASKEY, with
 High Honors
 RONALD EDWARD EVERITT
 DOUGLAS FINLAYSON
 JOHN LEROY HAYES
 WALTER DALE JENKINS
 DAVID VOSS JOHNSON
 HENRY LEBRECHT KOHLER
 ROBERT HENRY KREISINGER, with High
 Honors
 ELMER EDWARD GEORGE LAKEMACHER,
 with Honors
 YOSAN LEE
 LESTER GLEN LEUTWILER
 NATHAN NORTON LEVY
 JOHN EDWARD LYNCH
 WALTER LOING MCCARTHY

CARL GEORGE MALMBERG
 MELVIN HAYES MITCHELL, with High
 Honors
 BERNARD FRANKLIN PARR, with High
 Honors
 OLIVER PLACE
 EDERGISTO TEAFILO RODRIGUEZ
 FRED CURTIS SEEFELDT
 THOMAS VINCENT SHEEHAN, with
 Honors
 HAROLD FLEMING SMITH
 RUSSELL CURLEE SMITH
 LESLIE EDWARD SODERQUIST
 DON DOLDER SWENY
 CLINTON EVERT SWIFT
 EDWIN LAMAR TINDALL
 RALPH MARION WANDLING
 EDWARD WALTER WILSON
 RALPH WALTON WOOD
 VERNON ZITKA

In Mining Engineering

HARRY IVANHOE PHEMISTER

In Railway Civil Engineering

SAMUEL HERBERT BERGSTROM
WILLIAM PETER LIPSCOMB

YUN CHIAO YEH, with Honors

In Railway Electrical Engineering

WILLIAM GRAFTON WILKINS

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

JOSEPH ACKERMAN, with Honors
EDWARD BRIGGS ALLEN
WALTER HENRY ARENDS
GEORGE CONKLIN BATES, with Honors
BERNICE BERRY BATTERSHELL
GEORGE RENOLD BROWN
FRED GERALD CAMPBELL, with High
Honors

ROBERT LYLE CAROLUS, with Honors
WILLIAM RUSSELL CATTRON
CLARENCE DORENO CHRYSLER
AUSTIN ALBERT CLAYPOOL
WILLIAM GEORGE COLBY, with Honors
LAWRENCE LOUIS COLVIS
JAMES ROYCE COTHERN
PALMER SARGENT COX
CYPRIAN REGINALD AGUSTUS

CUNNINGHAM, with Honors
HORACE PROFFITT ERWIN
JOSEPH ABRAHAM EWING
CECIL HODGSON FARNHAM
JOHN WILSON FERGUSON
EMMETT GEORGE FRUIN, with High
Honors

MURL EUIN GARDNER
FRANKLIN FORREST GINGRICH
WENDELL J HARLEY
ALVIN WILLIAM HOFER, with Honors
EARL MULFORD HUGHES
CLARIS EUGENE JOHNSON
WESLEY WILLARD LANGDOC
DAVID LLOYD MARTIN

LUTHER EDWARD MARTZ
GALLAIS E MATHENY
NORMAN BERNARDUS MCCLURE
WILLIAM ARTHUR MILLER
GEORGE OTIS MINOT
MARMADUKE BECKWITH MORTON
HERBERT WINDSOR MUMFORD, JR.
ROBERT CHENEY MUNNECKE
FRANK HENRY MYNARD, JR.
JOSEPH OLIVER NEWCOMER
MACK OMER NORTH
LAWRENCE MARION NULL, with Honors
ELWYN LOUDENBECK COCK
DON BEST PENCE
KARL FITZ RANDOLPH
CHARLES CYRIL RIDINGER
HAROLD RICHARD RINGLER
MERLE G ROBERTS
NELSON PHILIP ROBERTS
STEPHEN SMITH RUSSELL
EDWARD HAMMOND SAFFORD
CHARLES WILSON SANFORD
GEORGE RUSSELL SHEPHERD, with
Honors
LOUIS VINCENT SLOTHOWER
MURL ELVYN TASCHER, with Honors
ANGUS DONALD TAYLOR
DALE CARPENTER TEACH
JEROME EDWARD VOGT
HAROLD KENNETH WILSON, with Honors
GEORGE DEWEY WRIGHT
PETER JOSEPH ZERBOLIO, with Honors

In Floriculture

LESTER RANDALL DAVIS
FORREST PALMER ERICKSON
HOWARD EMIL PAUL GOTSCH
GEORGE LEONARD HOCKENYOS
MILTON JOSEPH INGEMAN
ALBERT DANIEL NIEDNAGEL

HENRY BERNARD SCHROEDER, with
Honors
JOSEPH MARK SCHROEDER, with Honors
HARVEY EDWARD WEHRMANN
JAMES HEZEKIAH YOUNG

In Home Economics

MARGARET LORRAINE ANDERSON
MABEL SUSAN COLE
MABEL CROSS
ESTELLE LOUISE HAGNAUER
GRACE CECELIA HARTZELL
GLADYS LUCILLE HODAM
GARNETTE MAIME HOUTS
PRISCILLA MAE HUTCHINSON

MARGARET LOUISE LANDER
DOROTHY LILLIAN MARIS
ESTELLA OSBURN
HALLIE FERN OWENS
EMILY BELLE SNIVELY, with Honors
MARTHA AMELIA STEPHAN
EMMA KATHRYN TRAINOR
MARIAN ELEANOR WILLCOX

In Landscape Architecture

MARY ELIZABETH BELL	FLORENCE ALTA KLEPPINGER
CARL EDWARD BERG, with Honors	DONALD DE WITT OBERT
RICHARD MCPHERSON BROWN	RANDOLPH MARTIN PETERSON
GLADYS BRUNER	RUSSELL SPENCE RATCLIFFE, with Honors
NIGAR COMSKY	CAROLYN JULIA STUEBE
MARION COLEHOUR CRISSEY	EDWARD MORRIS WILLEMS
WALTER EDWIN HOLMES	
BEATRICE CAROLYN HORNEMAN, with Honors	

COLLEGE OF LAW

Degree of Bachelor of Science in Law

GEORGE CARSON RABENS	RAY FREDERICK THIESSE
JOSEPH ERVIN SERHANT	HAROLD RAYMOND WHITE

Degree of Bachelor of Laws

ROBERT HALL ADAMS, A.B., 1927	EBER JESSE HUBBARD, JR., A.B., 1928
THOMAS MILBURN ANDERSON	LOUIS LEE IRWIN, A.B., 1927
SAMUEL WILLARD BANOVITZ	EDWIN WILLIAMS JOKISCH, JR., A.B., 1926
BURREL BENJAMIN BARASH, with Honors	REA FRANKLIN JONES
LENA MAURIA BERNSTEIN, with Honors	JAMES VALENTINE KENNY, A.B., 1927
HARRY MICHAEL BIEDKA	ROBERT CONDIT KEWLEY
THOMAS JOSEPH BOODELL	WARREN WALTER KRIEBEL, A.B., 1927, with High Honors
HARRY PAUL BREGER	LOUIS ALLISTER LANGILLE
BASEL HARRY BRUNE, A.B., 1926	LOUIS LEWIS, B.S., 1928
ELLIS BYMAN	PERLEY THOMAS LUPTON
DOMINIC JULIUS CAMPEGGIO	HERMAN LUDWIG MCCRAY
ANDREW JAMES CASNER, with High Honors	C GLENN MORRIS
AUGUST CLARE CAYLOR	DALE GEORGE NICHOLSON
WILLIAM JOSEPH CERNY	RALPH WILFRED O'FARRELL
BERTHA JULIA COHN, B.S., 1927	ORWIN HADLEY PUGH
LEO BARTON CONDIT	GILBERT RIBBACK
JOHN PAUL DAVIS	PAUL CARMEN ROBERTS
GEORGE EDWARD DRACH	MARTIN ROTHMAN
FRED FRANK DREMANN, B.S., 1927	ELMER EDWARD SATTGAST
VAILLE DRY, A.B., 1927, with Honors	JOHN EDWARD SEBAT
NATHAN NORMAN EGLIT	EMIL SEERUP
REYNOLDS MELLVILLE EVERETT	SAMUEL HARVEY SHAPIRO
WALLACE THEODORE FILSON, A.B., 1925, Park College	ALLEN NEUMAN SHEAHEN, A.B., 1926, St. Ambrose College
IRENE WHITE GIBERSON	WILLIAM FLOYD SONNEMANN
PAUL ROBERT GOLDMAN	PITMAN Z SULLIVAN
CHESTER AUBREY GROVES	JOHN NEVILLE THORNBURN
HAROLD THOMAS HALFPENNY	ROBERT PERCY TOBIN
SAMUEL BAXTER HICKS, JR.	CHARLES CLEMENS ULRICH
KARL KING HOAGLAND	FRANKLIN FELIX WINGARD
HARRY BERNARD HOFFMAN	CHARLES HENRY WITTENBERG

Degree of Doctor of Law

PAUL HERMAN FERGUSON, A.B., 1927, with Honors	FRANCIS JOSEPH KOCH, B.S., 1927, with Honors
ROBERT ROLLA HAMILTON, B.S., 1927	MAX ANSCOMB WESTON, A.B., 1926
STANLEY ARTHUR KATCHER, A.B., 1926, Columbia University	

SCHOOL OF MUSIC

Degree of Bachelor of Music

BERNICE RUTH BOTT, with Honors	NELL CATHERINE McDONOUGH
DOROTHY PATRICIA BRENNAN, with Honors	SARAH LORETTA MARQUARDT
MARY ELIZABETH FREESE	GLADYS RUTH MILLER
MARJORIE MABEL GOLDEN	ELIZABETH COVERT STIVEN, with High Honors
JOANNA BERNICE GROCHOWSKI	CRAWFORD ADELBERT THOMAS
DOROTHY HALL, with Honors	HELENE LUCILLE WEEDMAN
CHARLES ALBERT HANDLEY	KATHRYN REGINA WILLI

LIBRARY SCHOOL

Degree of Bachelor of Science in Library Science

DORIS WILEY ACHELPOHL, A.B., Lindenwood College, 1928
RACHEL AGG, Ph.B., Penn College, 1911, with Honors
SUSANNA BAILOR, A.B., Northwestern University, 1928, with High Honors
HAZEL IRENE BEALE, A.B., Illinois Wesleyan University, 1927
ANNA MARIE BENNER, A.B., Carthage College, 1928, with High Honors
EDNA EMILIE BOTHE, A.B., Central Wesleyan College, 1922; A.M., University of Missouri, 1926, with Honors
MILDRED HADLEY BOWERS, A.B., DePauw University, 1927
REBECCA BRIGGS, B.S., Northwest Missouri State Teachers College, 1928, with Honors
KATHERINE AGNES BROSE, A.B., State University of Iowa, 1926, with High Honors
PHYLLIS MARION BROWN, A.B., University of South Dakota, 1925, with Honors
VIRGINIA CYNTHIA BROWN, A.B., Lindenwood College, 1928
SYLVA GLENNE BROWNE, B.S., Northeast Missouri State Teachers College, 1914
KATHERINE ELIZABETH BURHMAN, A.B., 1928
ELEANORE ADELENE CAMMACK, A.B., DePauw University, 1928
VERA VIRGINIA CAMPBELL, A.B., Colorado State Teachers College, 1916, with Honors
MADLINE FRANCES CANOVA, A.B., University of Texas, 1927, with Honors
ELSIE HOVENDEN CARMAN, A.B., Northwestern University, 1927
MARSHALL TATUM CARQUEVILLE, A.B., 1925
MARY ALICE COFFEY, A.B., 1928
GLADYCE CAMILLE COLLOPY, A.B., 1928
HAZEL CATHERINE CONWAY, A.B., University of South Dakota, 1926
THEODOSIA ALICE CUMMINS, A.B., College of the Ozarks, 1928
HELEN ELISABETH DEAN, B.S., Kansas State Agricultural College, 1928, with High Honors
LEAONEAD JUSTINE DRAIN, A.B., West Virginia Collegiate Institute, 1927
ESTHER JAMES ELLIS, B.S., Purdue University, 1927
MARGARET MALVENA EVANS, A.B., State University of Iowa, 1921, with Honors
MARGARET MURIEL FIELD, A.B., Carleton College, 1919
MARY BRANDON FRAPS, A.B., University of Texas, 1927
AGNES LUCILLE GIBSON, A.B., Ohio Wesleyan University, 1926
BERNADINE LUCILLE GLASER, B.S., Northeast Missouri State Teachers College, 1926, with Honors
WILMA GOEHNER, A.B., Indiana University, 1920
GERTRUDE CONSTANCE GRAINGER, A.B., Butler University, 1928
ISABELLE FITCH GRANT, B.Ed., Western Illinois State Teachers College, 1924, with Honors
GORDON WELSHONS GRAY, A.B., Macalester College, 1928
CATHERINE WHITE GROUT, A.B., Brown University, 1927, with High Honors
EDNA ELIZABETH GUSTAFSON, A.B., Northland College, 1925, with High Honors
HAROLD WALTER HAYDEN, A.B., Nebraska State Teachers College, 1927
MILDRED HENNEY, A.B., Lindenwood College, 1928

- JAMES JULIAN HILL, A.B., A.M., University of Oklahoma, 1915, with High Honors
 ADA EVELINE HODGSON, A.B., Cornell College, 1927, with Honors
 CARLENE TULLER HOLLY, A.B., University of Wisconsin, 1917, with Honors
 PHOEBE ANNE JENSEN, A.B., Des Moines University, 1918
 GLADYS JOHNSON, A.B., West Virginia University, 1924
 LORETTA MAE JONES, B.S., Northwest Missouri State Teachers College, 1927, with honors
 EVELYN MARIE KAYSER, A.B., University of South Dakota, 1926
 MARY RAMON KINNEY, A.B., 1928, with Honors
 DOROTHY NOEL KIRK, A.B., Vanderbilt University, 1928
 GERALDINE ELIZABETH KIRKHAM, A.B., Indiana Central College, 1924, with High Honors
 HELEN KATHERINE KIRTLEY, A.B., University of Missouri, 1928, with High Honors
 LEONA GERTRUDE KREHBIEL, B.S., Kansas State Agricultural College, 1926, with High Honors
 OLIVE LEWIS, B.S., Purdue University, 1928, with Honors
 PHOEBE RUTH McHENRY, A.B., Baker University, 1920
 EDITH STARR McROBERTS, A.B., Culver-Stockton College, 1928
 ROSEMARY MARTIN, A.B., University of Cincinnati, 1929
 MYRNE MOFFIT, A.B., University of Iowa, 1925
 FLORENCE BLANCHE MORGAN, A.B., University of Colorado, 1925, with Honors
 MARY ELLEN MOYER, A.B., Eureka College, 1924, with Honors
 GLADYS LOUISE PARKS, B.S., Kansas State Teachers College, 1926
 VERA JERYOLINE PARSLEY, A.B., Baker University, 1927, with Honors
 E MARGARET PATTON, B.S., University of Kansas, 1927
 HELEN FRANCES PIERCE, A.B., Cornell College, 1921, with Honors
 ESTHER FRANCES PRICE, B.S., Kansas State Teachers College of Emporia, 1928
 HAZEL REED, A.B., University of Utah, 1927
 MARGARET MILDRED RITCHIE, A.B., Carleton College, 1925, with Honors
 ARNOLD WHITNEY ROSAAEN, A.B., State University of Iowa, 1928
 MIRIAM JEAN ROSE, A.B., Washington University, 1924, with Honors
 ESTELLA AGNES ROY, A.B., Oberlin College, 1927
 GERALD HERBERT SANDY, A.B., State University of Iowa, 1928, with High Honors
 ESTHER MARTIA SCHLUNDT, A.B., University of Missouri, 1927, with High Honors
 MABEL LOVE SCHUREMAN, A.B., Goucher College, 1913
 MILDRED ELLA SINGLETON, A.B., A.M., University of Oklahoma, 1920, 1924, with High Honors
 SISTER MARY AURELIUS BRENNAN, A.B., Mt. St. Joseph College, 1926, with Honors
 GLADYS MAUD SMITH, A.B., Winthrop College, 1918, with Honors
 MILDRED ERCHEL SNYDER, B.S., 1927
 NELLE ELIZABETH STEIDER, A.B., Eureka College, 1928
 ELIZABETH OPAL STONE, B.S., Northwest Missouri State Teachers College, 1926, with Honors
 JOHN PAUL STONE, B.S., Northwest Missouri State Teachers College, 1926, with Honors
 INA DELL STOUT, A.B., Indiana University, 1921
 DOROTHY ALICE SUTER, A.B., Southwestern College, 1928
 OPAL FLORENCE TANNER, A.B., University of Minnesota, 1927
 ANNA LOUISE THRALL, A.B., Evansville College, 1928, with Honors
 THELMA J VAN NESS, A.B., Illinois Wesleyan University, 1927
 EDLA CHARLOTTE WAHLIN, A.B., Bethany College, 1913, with Honors
 RUTH RACHEL WARRICK, B.S., Otterbein College, 1922
 MARYELLEN WHELAN, A.B., Indiana University, 1928
 MARY ELISABETH WILLIAMS, A.B., Vanderbilt University, 1927
 ALLEEN WILSON, A.B., Missouri Wesleyan College, 1919, with Honors
 ALLEN D WILSON, A.B., University of Kansas, 1919

FLORENCE GERTRUDE WOODS, B.S., University of Missouri, 1926, with Honors
 ELIZABETH LOUISE WYANT, B.S., University of Chicago, 1927, with Honors
 LEE FRANKLIN ZIMMERMAN, A.B., University of Wisconsin, 1924

Degree of Bachelor of Library Science

LINCOLN HSIU CHA, A.B., Boone University, 1922

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

LESLIE EDWARD ADAMS	NICHOLAS GEORGE DENES
CLARK WINSTON ALDRICH	HAROLD HENDERSON DICE
HARRY DRENNAN ALLEN	GLENN WILBERT DODDS
IRENE ALSIP	BRINTON CURRINDER DONALSON
IRENE SOPHIE ANDERSEN	ESTHER DORÉ
MILDRED LESLIE ANDERSON, with High Honors in Home Economics	MARY ELIZABETH DORÉ
CLYDE EMERSON ARBEGAST	RALPH LEROY DOUTHIT
KATHERINE ELIZABETH ARNDT	EARL HAZEN DREW
WARREN COTTON ASHLEY, with Honors in Chemistry	HELEN C EELLS
FRANK EDWARD AURAND, JR.	EARLE HAYWOOD ENGLISH
VIVIAN MADELINE AYERS	RAYMOND WAYNE ESWORTHY
MARY IRENE BAILEY	MAY THERESA FAGAN
LILLIAN PAULINE BAKER	CHRISTOPHER JOSEPH FARRELL, JR.
BEULAH BERNICE BARRICK	MARY FRANCES FAWCETT
HAROLD RALPH BARTON	NELLE FIELD, with High Honors in Botany
CHARLOTTE BARBARA BASE	CURTIS JAMES FIRKINS
DOROTHY MARIE BASH	BESSIE BERTHA FLIGHT
BRUCE IVAN BASLER	ANNE GAVIN FOLEY
KURT BEYER	ISABELL CORINE FOSTER
BASCOM BOGLE	VIRGINIA COSTELLO FOSTER
MARY VIRGINIA BOWEN	IRENE CAROLYN FRENCH
KENNETH BABB BOYLE	CHARLES DONNELLY GAMBLE
ALPHEUS OSCAR BRITTAIN	JOSEPHINE MARIE GILMORE
STEPHEN EDWARD BRONDOS	RUFUS C GLASS
HENRIETTA CORDELIA BROWN	NELLIE AGNES GLOSS
WANDA MAE BROWN	MARY GOLDSTEIN
MARIAN LOIS BROWNELL	ROYNER CARL GREENE
VIRGINIA BURROUGHS	HELEN JANE GREGORY
WILLIAM DINON BUSCH	PEARL IRENE GROTTTS
IRMA CARLISLE	FLORENCE KATHERINE GRUNDIN
MARIAN CAMDEN CASE	ANNA LIDDELL GUNN
LYNETTE HALL CHANDLER	ANITA CATHERINE HAHN
WILLARD CLARENCE CHINN	DOROTHY HALL, with Honors in Music
IOLA CLARK	SARAH ELIZABETH HALL
CLYDE ALTON CLODFELTER	REBECCA MARTHA HALSEY
ROGER MARCUS CLOUSER	DOROTHY ALICE HAMBRIGHT
LEONORA ADELAIDE COFER, with High Honors in History	DOROTHY ANN HANKINS
MARGARET NADENE COX	JOHN LESTER HANSON
ELIZABETH CRUMP	DOROTHY RUTH HARDEMAN
CATHERINE MARGARET CULHANE	ELLIOTT ELY HASAN
STEPHEN PAUL DAILY, JR.	VIRGINIA ANN HAUG
FERN CHRISTINE DALE	CORINNE HAZEL HEARTT
DOMINIC JOHN DAVANZIO, with Honors in Education	EDITH ROSE HEIER
CLEYTUS CHERMAN DAY	WILLARD RILEY HENSON
BENEDICT RICHARD DEANGELO	ZELMA LAMB HERNDON
MARION EMORY DECKER	JOHN KENNETH HILLEMEIER
	EDITH FRANCES HOAR
	MAUDE HAMILTON HOGG
	ALICE ELNORA HOLT

MADELEINE ETHLYN HOLT
 EDWARD KENNETH HOTTENSTEIN
 JULIAN HOUSE
 BEULAH MAE HOWELL
 DWIGHT KENNETH HOWELL
 WALTER BERTRAM HUGHES
 RUTH HENRIETTA HUSBAND
 ALFRED DWIGHT HUSTON
 JOHN JOSEPH JAVA, JR.
 GRACE LORETTA JETER
 ARTHUR DEAN JOHNSON
 ETHEL MAY JOHNSOS
 ETHEL MAMIE JONES
 STELLA GERTRUDE KADYK
 WILMA RUTH AUGUSTA KALTENTHALER
 GERVAISE BERNICE KAPPUS, with
 Honors in Education
 SARAH MILDRED KARR
 DOROTHY EHDY KAUPKE
 MILDRED MADONNA KEMP
 VIOLET MAE KOERNER
 RUTH GENEVIEVE KOONTZ, with High
 Honors in Education
 GEORGE CHARLES KRUSE
 LOWELL VANBUREN KRUTSINGER
 HORACE OTIS KRUZAN
 VALERIA LAMBERT
 EDWIN JOSEPH LASHMET
 IRENE DOROTHY LEE
 BEATRICE BESSE LEVIN
 OLIVE ROSALIE LILLY
 MILDRED PAULINE LINEBARGER
 OTTO THOMAS LORENZ
 KATHERINE MARGARET LYNE
 AUSTIN ROOSEVELT McCLINTOCK
 DOROTHY JULIA McCLURE, with High
 Honors in Physical Education
 WILLIAM EMMETT McCLURE
 HELEN LANETA McCONNELL
 JOSEPHINE ALICE MCGINTY
 ESTHER McLAREN
 ESTHER MACMURTRIE
 NORTON B McQUERRY
 VELMA MYRTLE MAGILL
 VERNA GEORGIANA MANN
 LEOLA MAE MARRIOTT
 MARK DELMAR MARSELL
 DORIS MAY MATHEW
 CHARLES CRANFORD MAYES
 FREDERICK VINCENT MAYHUE
 RUTH KATHRYN METZ
 ALFRED JOHN MEYER
 ANNA MARIA MIDDLETON
 JULIA MARY MIKALOUSKAS
 HELEN LOUISE MILLER
 LILLIE CATHERINE MONSSON
 DOROTHY MARY MOODIE
 MILDRED DOLE MORGAN
 MARGARET ANNETTE MOWREY
 MARGARET DOROTHY MULLEN
 JAMES PALMER MULLIN
 LOLITA MYRTLE MURRAY

JEANNETTE NEIS
 SUDA EVELYN NORRIS
 JOSEPH NOVAK
 ROBERT WILSON NULF
 CATHERINE MARY O'MEARA
 DOROTHY GENEVIEVE OSTERMAN
 LOIS ADELINE OSWALD
 ELEANOR PAULDING PARMELEE
 ESTELLE MARION PETERSON
 JOHN THOMAS PIPER
 RAMONA AGNES POWELL
 MARY ALVENE PRICE
 JAMES RUSSELL REA
 VERNON LEROY REPLOGLE
 NORMAN BOLTON RICHARDSON
 THOMAS HENRY RICKMAN, JR.
 MARTHA DUTTINE ROBB
 HELEN MAY ROBERTS, with
 Honors in English
 MARY ELIZABETH ROBERTS
 OLIVE JANE ROBERTSON
 ALICE MARJORIE ROCKENBACH
 HAROLD PRESTON SANDERS
 ONETA MABLE SCHAFFER
 IRENE WILHELMENA SCHERMERHORN
 EMMA JOAN SCHILLING
 HELEN ESTELLE SCHMIDT
 KATHRYN EMMA SCHOCK
 LOUISE AUGUSTA SCHOTT
 MARIAN CATHERINE SCOTT
 EARL CHARLES SEYLER, with High
 Honors in Geography
 FLORENCE FAVOLA SHIELDS
 KIEFFER HARRY SHRINER
 DOROTHY LUCILE SHUMAN
 BEATRICE MARGARET SLOAN, with
 Honors in Education
 HELEN OPAL SMITH
 RUSSEL EDWARD SMITH
 WALTER HENRY SMITH
 IRA DAVID SNYDER
 IRENE LOUISE STARK
 HELEN FRANCES STEWART
 DWIGHT THEODORE STUESSY
 MARIE ANNA STURDYVIN
 IRENE VIOLET SULLIVAN
 ESTHER MARIE SWANSON
 RAYMOND AUGUSTUS TAYLOR
 CHARLES EVERT THOMAS
 JULIA MARIE THORNBURGH
 EUNICE LUELLA THUMLEY
 HUSE NORWOOD TIBBETTS
 LESTER ALBERT TOCKSTEIN
 LETA TOLL
 DOROTHY JULIA TOYNTON
 HELEN CAREY TRIMBLE, with
 High Honors in Education
 MARY TUCKER
 FLORA ANNETTE TWINGSTRAND
 SARAH LOUISE TYLER
 ALICE JOANNA TYSDALE
 BERNICE MARGARETHA VALBRACHT

ALICE ELIZABETH VANSANDS
 CLARA VIRGINIA VAUGHN
 FRED HENRY VESEL
 LORENA ROBERTA VETTER
 ROLAND SANFORD WACHOB
 LILLIAN FRANCES WALDRON, with
 High Honors in Botany
 ALICE FERN WALLACE
 LETITIA ELIZABETH WARD
 EDNA CORNELIA WASCHER
 VELMA MILDRED WATSON
 JOHN OWEN WEAVER
 FRANCES LAURINE WEBBER

MARY ELIZABETH WEINBERG
 JO HELEN WELLS
 ROWENA ELIZABETH WELLS
 FRANCES REBECCA WILLIAMSON
 HOWARD A WILSON, JR.
 ROSE HELEN WIRCHAK
 EDITH MYRTLE WORLEY
 BOB STEVENS WYATT
 KATHRYN IRENE WYLIE
 BURTON WORK YOUNT
 RAYMOND VINCENT ZEGERS
 MARY ANNETTE ZIEGLER

In Agricultural Education

EDGAR OREN SWOPE

In Home Economics Education

RUTH BEEDLE
 EDNA MAY BRASH
 PAULINE HARRIET COLE
 GERTRUDE HALOISE DAY
 DOROTHY HUBBARD
 ELOISE TVILSTEDGAARD JESSEN
 MARGUERITE LORETTE JOHNSON
 ELSIE LUCILLE ROSS

ELMA AMALIA SEIBERT
 MYRLE IRMA SHINKER
 EMMA MARIE SNOOK
 VIRGINIA OLIVE VEALE, with
 Honors in Home Economics
 MARY JUNIATA WAGENSELLER
 DORIS ELIZABETH WALLIS

In Industrial Education

CLYDE LEVI BUTLER
 CHESTER MALCOLM HAMMERLUND
 RICHARD HOPPIN KERNS

MAURICE WILLIAM LEE
 LEE ELRIE THOMPSON

In Music Education

ELIZABETH BARNHART
 WINIFRED EVELYN BERESFORD
 ANNA MAE BIRKETT
 FRANCES EMMALINE CASSADY
 OLIVE EVELYN COMBS
 RUTH CAROLINE EVERSMAN
 ROSEMONDE DONNABELLE FRY, with
 Honors in Music
 GRACE GAUNT

WILMA IRENE HAZEL
 RUTH VIOLET JOHNSON
 ROBERT BRADLEY LYON
 HELEN MAGDALEN ORNDORFF
 MARY IONE POWELL
 AGNES MARIE SONGER
 MARY HARTLEY WELLS
 MARGARET WHITEHEAD WILES

In Physical Education

CARL FOREST ANDERSON
 DONALD HERBERT ANDREWS
 ALLEN FRANKLIN AYERS
 CHARLES EDWARD BAER
 ORMAN RUSSELL BARKDOLL
 JAMES FREMONT BATES
 HUGO ERNEST BERGSTROM
 HULMAN CHARLES BROWN
 WALTER FREDERICK BUNNING
 GEORGE SCHNAR DERTINGER
 VERNON WILLIAM DRENCKPOHL
 HENRY MATHREW FALLON
 HIRAM DAY FEAREY
 ARTHUR BERL FLEAK
 CHESTER ARTHUR FRANCIS
 JOHN BERNARD FREESTROM
 MARTIN CHARLES GINIE
 JOHN DAVID HOW

NICHOLAS JONESCUE
 EARL KAUFFMAN, JR.
 KING JAMES MCCRISTAL
 EDGAR NICKOL
 FRED FOLEY ONGLEY
 OSWALD SIDNEY ORTH
 MAURICE TILSON OWENS
 CAMERON WILLIAM PARKS
 RUSSELL ARTHUR PERRY
 CLOYDE RUSSELL PILCHER
 HENRY WALTER ROZCYKI
 EDWIN JAMES SIMONICH
 JOHN JOSEPH STANTUS
 ARTHUR STEPHENS
 ABNER ABRAHAM TOOTHAKER
 HOWARD PAUL TREES
 HOWARD AUGUSTIN WHEELER
 JOSEPH EDWARD WHITWAM

SCHOOL OF JOURNALISM

Degree of Bachelor of Science in Journalism

NEVA BEATRICE BOWLING	RAYMOND LINCOLN KRINGER, with Honors
MARTHA ELIZABETH COOK	ARTHUR LEONARD LINDBLOOM, JR.
PAUL SPARKS COUSLEY	THEODORE THOMAS MERRILL
OLIVE LORRAINE COX, with Honors	HENRY MOLDEN
CLAUDE HUGH ENOCHS	JAMES JOSEPH MULLEN, with High Honors
KARMA ELLEN GOLDEN	ALICE MARGARET OATHOUT
MYRA HELEN HARMS	ROY BERNHARDT PAULSON
HOWARD COOK HEYN	FRANCES JOSEPHINE SMITH
FLORENCE MARY HOOD	HELEN JEANNETTE SMITH
HAROLD EMERSON HUTCHINGS	JOHN GRAFTON WHITAKER
CLARENCE MALDEN JONES	

Commissions as Lieutenants, Officers' Reserve Corps,
United States Army, and as Brevet Captains,
Illinois National Guard

JOSEPH ACKERMAN	HAROLD WILLIAM KASTEN
EDWARD LAWRENCE ADAMS, JR.	HARRY WALTER KNOLL
LESLIE EDWARD ADAMS	GEORGE CHARLES KRUSE
CLARENCE JOHN ARMSTRONG	WALTER CHARLES KURZ
WARREN JOHN BAKER	HARRY LAMBERT LOGAN, JR.
BRUCE IVAN BASLER	AUSTIN ROOSEVELT MCCLINTOCK
BASCOM BOGLE	KING JAMES MCCRISTAL
FREDERICK RAYMOND BOWEN	GEORGE BRUCE MCNAIR
FRANCIS THRALL BREWER	CHARLES CRANFORD MAYES
DALE EARL BROWN	HOWARD RUSSELL MILLER
FRANK BUECHE	MELVIN HAYES MITCHELL
WALTER FREDERICK BUNNING	KENNETH WILLIAM MOSHER
ROBERT EDWIN COVINGTON	ROBERT CHENEY MUNNECKE
HAROLD GRIFFITH CREAMER	FRANK HENRY MYNARD, JR.
HARVEY J DEOBALD	EDWIN KEITH NELSON
WOLCOTT ROGER DERBY	FRED WILLIAM NELSON
THOMAS JAMES DOLAN	FRANK CLEMENT NICKERSON
DWIGHT ERWIN DOOLITTLE	ELWYN LOUDENBECK O'COCK
ERNST OTTO EDELMANN	PETER SAMUEL OLING
CHARLES ARTHUR EVERETT	JOHN HURST OLWIN
JOSEPH ABRAHAM EWING	MAURICE TILSON OWENS
JOHN WILSON FERGUSON	CLIFFORD PARKER
MARVIN BAUER FIERKE	HARRY CLENDENIN PETERSON
ARMANDO ANGELO FREDA	JOHN JOSEPH POER
JOHN BERNARD FREESTROM	RAYMOND GEORGE PURNELL
EMMETT GEORGE FRUIN	HENRY RICHARD REYNOLDS
RUSSELL COLE GIBSON	ROBERT ROBB
HOWARD EMIL PAUL GOTSCH	NELSON PHILIP ROBERTS
CHARLES ANDREW GRENNAN	CHARLES ALBERT ROSS
ALBERT EDWARD HALLETT	HAROLD PRESTON SANDERS
JOHN LESTER HANSON	FRANCIS MILLARD SCHMIDT
RONALD GEORGE HARDY	CHARLES WESLEY H SCHRADER
WILLIS EADS HASELWOOD	JOSEPH ERVIN SERHANT
ISHMAEL CICERO HERMAN	RICHARD PEARMAN SHANKS
JOHN KENNETH HILLEMEIER	AXTELL SHEETS
EDWARD GILBERT HITCHCOCK	JAMES JOHN SMILEY, JR.
DAVID MCCOLL HUDSON	EDWARD LEEDS SPELLMAN
ALFRED DWIGHT HUSTON	CLINTON EVERT SWIFT
HAROLD EMERSON HUTCHINGS	CHARLES EVERETT THOMAS
MILTON JOSEPH INGEMAN	WILLIAM TRAVIS THORNBORROW
CLARIS EUGENE JOHNSON	EDWIN LAMAR TINDALL
DAVID VOSS JOHNSON	ROBERT HIAWATHA TRINKLE

ERVING JOSEPH ULRICH
 FRED HENRY VESEL
 JEROME EDWARD VOGT
 ALBERT ADCOCK WELLS
 JOHN LEMUEL WIEGREFFE

WILLIAM LLEWELYN CHARLES
 WILLIAMS
 HORACE MARION WOOD
 CARL HENRY ZWERMANN, JR.

**Commissions as Brevet Captains,
 Illinois National Guard**

ALBERT WALLACE BENNETT
 GEORGE RENOLD BROWN
 GILBERT EMANUEL CHALSTROM
 MYRON ERICSON CHANDLER
 LOUIS EDWARD DETURK
 RALPH BERTRAM JOHNSON

LAWRENCE McALLISTER KNAPP
 ISAAC COLE MOORE
 LEWIS KEEFER OESTERLING
 RAYMOND LAVERNE ROBINSON
 HAROLD WILLIAM SCOTT

**GRADUATE SCHOOL
 Degree of Master of Arts**

In Bacteriology

FLORENCE LYDIA EVANS, A.B., University of South Dakota, 1928

In Botany

ALYCE FITZGERALD LULEY, A.B., St. Mary-of-the-Woods College, 1928
 LURA LUCILLE SPRINGER, A.B., 1928
 JOSEPH AARON TRENT, A.B., Carson-Newman College, 1926

In Chemistry

JOSEPH LeCONTE BOON, A.B., Southern Methodist University, 1928
 EMMERT ALFRED GASSMAN, A.B., Carthage College, 1927
 GORDON HUGHES, A.B., Oberlin College, 1928
 EDMUND LESTER PEARSON, A.B., 1926

In Classics

MARY LOUISE BREEDLOVE, A.B., Oklahoma College for Women, 1928
 MARTHA ROBERTSON CLAPP, A.B., Randolph-Macon Woman's College, 1928
 LOUISE CRAFTON, A.B., Oberlin College, 1927
 CLARENCE BENJAMIN HALE, A.B., Wheaton College, 1928

In Economics

BURTON NEUBERT BEHLING, A.B., Lawrence College, 1928
 HENRY WILLIAM BLALOCK, A.B., Louisiana State University, 1928
 CHUNG-GEN LIN, B.S., 1928
 LEONARD MARION ZINGLER, A.B., Lawrence College, 1928

In Education

HERMAN WILSON BEAR, B.S., Monmouth College, 1923
 MARY ELEANOR GRAHAM, A.B., Monmouth College, 1922
 MARY MORTON HOPKINS, A.B., 1911
 HENRY HAROLD KRONENBERG, A.B., Illinois College, 1926
 RUTH META LUTHER, B.S., Hillsdale College, 1925
 LEONA McANULTY, B.S., Carthage College, 1896
 CARITA ROBERTSON, B.S., University of Wisconsin, 1925
 MARGUERITE MARIE STINSON, A.B., Hedding College, 1916
 LEO BERNARD WALSH, B.S., 1917

In English

VIRGIL LYLE BAKER, A.B., Muskingum College, 1922
 LESTER CHARLES DOLK, A.B., DePauw University, 1927
 CHARLES RUTHVEN FLACK, A.B., University of Alberta, 1925, B.L.S., 1926
 BYRON HALL GIBSON, A.B., Birmingham-Southern College, 1928
 FANNIE HURFF GLIDDEN, A.B., Knox College, 1902
 JOHN ALLEN HAMILTON, A.B., Marietta College, 1927

EINAR INGVALD HAUGEN, A.B., St. Olaf College, 1928
 JOSEPH LOPUSHANSKY, A.B., Allegheny College, 1928
 LOIS ALBERTA STEVENSON, Ph.B., Shurtleff College, 1928
 MARY ELIZABETH WHITEFORD, A.B., Ohio State University, 1925

In Geology

CHESTER BURNS CLAYPOOL, A.B., DePauw University, 1924
 OSCAR EMIL WAGNER, JR., A.B., 1928

In German

HELEN GERTRUDE HEFFERNAN, A.B., 1925

In History

MARIAN ELIZABETH BAKER, A.B., 1928
 MARION DOLORES BONZI, A.B., Rockford College, 1928
 MARIAN LOLA CHAPMAN, A.B., Illinois Woman's College, 1925
 DOROTHY LOUISE DART, A.B., Illinois Woman's College, 1928
 HELEN CLEARY FOREMAN, A.B., Illinois College, 1925
 GERTRUDE MARIE LAYTON, Ph.B., Shurtleff College, 1924
 MARY ABEGAIL MANN, A.B., Indiana University, 1922, B.L.S., 1927
 EARL HAMPTON PRITCHARD, A.B., Washington State College, 1928
 ELEANOR JANE THOMAS, A.B., Washington University, 1925

In Library Science

FLOY CAROLINE CARROLL, A.B., Knox College, 1919, B.S., 1927
 FLORENCE MARIE HARDING, A.B., 1924
 CECELIA MARY MCCARTHY, A.B., 1920
 LETHA PEARL MCGUIRE, A.B., Defiance College, 1917
 CHARLOTTE NEWTON, A.B., Agnes Scott College, 1921
 HENRY GRAHAM STATHAM, A.B., Syracuse University, 1925
 JEANNETTE ELIZABETH MANDELIN VANDER PLOEG, A.B., Hope College, 1921

In Mathematics

MARION TAYLOR BIRD, B.S., Illinois Wesleyan University, 1928
 MARVIN WILLIS DEJONGE, A.B., Hope College, 1928
 HOMER ASBURY DENNIS, A.B., Southern Methodist University, 1920
 EARL LLOYD KLINGER, A.B., Indiana University, 1924
 MARY RUTH LARMORE, A.B., Rockford College, 1927
 JOHN ROBERTS MAYOR, B.S., Knox College, 1928
 HENRIETTA PEARL TERRY, B.S., Shurtleff College, 1926

In Philosophy

RUSSELL LOUIS BOWERS, A.B., Miami University, 1925

In Physics

CLARENCE DUANE HAUSE, A.B., Cornell College, 1927

In Political Science

REUEL RICHARD BARLOW, A.B., University of Wisconsin, 1918
 GEORGE CHARLES SUMNER BENSON, A.B., Pomona College, 1928
 PAUL RICHARDSON DILLARD, A.B., University of Oklahoma, 1928
 VERNON LAWRENCE HEATH, B.S., 1928
 LUCRETIA LITTLE ILSLEY, A.B., Mt. Holyoke College, 1928
 HARLEY WALTER KIDDER, A.B., 1929
 MARTHA JEAN ZIEGLER, A.B., 1928

In Romance Languages

KATHRYN IRENE ALLEN, A.B., 1928
 JEANNETTE ALTABE, A.B., 1927
 CATHERINE DUNLOP ANDERSON, A.B., 1925
 ESTHER FRANCES BARNETT, A.B., James Millikin University, 1927
 MARINA BRIONES, B.H., University of Chile, 1921, A.B., Western College for Women, 1926

AUDREY BELLE CADWELL, B.S., 1928
 MARGARET KIDDER, A.B., Morningside College, 1923
 ELIZABETH VALENTINE LOUIS, A.B., 1925
 WALTER ROGER THORNHILL, A.B., 1925
 IRENE MARIE ZACK, A.B., 1928

In Sociology

FRANKLYN LEHMAN ANDREWS, Ph.B., University of Chicago, 1922
 LENA CECELIA RHUE, B.S., 1919

In Zoology

WILLIAM FREDERICK HOHEISEL, A.B., University of Michigan, 1924
 LUCILE ADDIE RICE, A.B., University of Kentucky, 1922

Degree of Master of Science

In Accountancy

CARL VERNON DEHAYS, A.B., Earlham College, 1924
 LESLIE FAYE PATTON, B.S., 1929
 RAYMOND FRANK SMITH, A.B., Miami University, 1927
 PAUL MARION VAN ARSDELL, B.S., 1927

In Botany

CHARLOTTE BROWN, A.B., Antioch College, 1928
 LEO CAMPBELL, B.S., Utah Agricultural College, 1925
 HERBERT WESLEY CONNER, B.S., University of Chicago, 1927
 STANDLEE VINCENT DALTON, A.B., Baker University, 1927
 GLENN ARTHUR GREATHOUSE, B.Ed., Illinois State Normal University, 1927
 BENJAMIN COLLINS MAXEY, B.S., McKendree College, 1923
 WILLIAM DORSEY STEWART, B.S., Alabama Polytechnic Institute, 1926

In Business Organization and Operation

GEORGE TOWNSEND, A.B., 1928

In Ceramic Engineering

CHARLES RHODIMER AMBERG, B.S., Alfred University, 1927
 ROY GEORGE EHMAN, B.S., 1927
 ALBERT JAMES MONACK, B.S., West Virginia University, 1927
 RICHARD DAVID RUDD, B.S., 1927
 DAVID TE-HUI SHAW, B.S., 1928

In Chemistry

OREL ZENO BURDICK, A.B., Albion College, 1927
 HENRY GRANT DAWSON, B.S., 1928
 WILLIAM LAWRENCE FAITH, B.S., University of Maryland, 1928
 CLARENCE CHRISTIAN GEORGE GERHOLD, B.S., 1928
 LEONORE BEATRICE HOLLANDER, A.B., Bryn Mawr College, 1928
 LEONA HUDSON, B.S., 1928
 HARRIETTE KING, A.B., 1928
 THOMAS JOHN WALSH, JR., A.B., 1928
 SHOU CHEN YANG, B.S., National University of Peking, 1925

In Civil Engineering

MARSHALL HOLT, B.S., 1927
 RAYMOND LEWIS MOORE, B.S., 1927
 HARRY EDWARD SCHLENZ, B.S., 1927

In Dairy Husbandry

WADARAN LATAMORE KENNEDY, B.S., 1927
 HERBERT OTTO MEYER, B.S., Purdue University, 1927

In Economics

FLOYD RIESEMY BAUGHMAN, B.S., 1928
 FERN CRABTREE, B.S., 1926

WALTER FREDERICK CROWDER, B.S., 1926
 PAUL GEORGE DINGLEY, B.S., 1925
 L. THOMAS FLATLEY, B.S., University of Iowa, 1928
 HARVEY WILBORN HUEGY, B.S., 1924

In Education

RACHEL EVELYN BLACKBURN, B.S., 1925
 HENRY LLOYD BUCKARDT, B.S., 1926
 OWEN LINCOLN CORNELL, B.S., 1927
 MARIE HARRIET JOHNSTON, B.S., 1928
 WALTER WAYNE RITCHIE, B.Ed., Western Illinois State Teachers College, 1926

In Electrical Engineering

EDWIN CHANNING JONES, B.S., West Virginia University, 1925
 FREEMAN THAYER TINGLEY, B.S., Bucknell University, 1922

In Farm Organization and Management

EVERETT JACOB MCCONNELL, B.S., 1926

In Geology

RALPH ERNEST KNIPE, A.B., 1927
 WILLIAM WRAY LOVE, A.B., 1928
 HENRY NILES TOLER, B.S., Louisiana State University, 1925
 JACKSON SMALLWOOD YOUNG, B.S., 1927

In Home Economics

DOROTHY LILLIAN HUSSEMAN, B.S., 1928

In Horticulture

JOSEPH EDWIN VAILE, B.S., 1928

In Mechanical Engineering

SEICHI KONZO, B.S., University of Washington, 1927

In Physics

PAUL CHRISTIAN LUDOLPH, B.S., 1927
 RALPH EMERSON NUSBAUM, A.B., DePauw University, 1926
 LEE NELLO SCHEUERMAN, A.B., North Central College, 1928
 FRANK MILTON SPARKS, B.S., Alabama Polytechnic Institute, 1926

In Physiology

JOSEPHINE KENNEDY, A.B., Wheaton College, 1912, M.D., 1918

In Theoretical and Applied Mechanics

NORVILLE JAMES ALLEMAN, B.S., 1926
 EDGAR CHARLES CLARK, B.S., University of Kansas, 1925
 WALLACE MONROE LANSFORD, B.S., 1924
 MADHUSUDAN MOZUMDAR, B.S., University of Michigan, 1928
 NEREUS HUBERT ROY, B.S., University of Texas, 1920
 CYRIL JAMES WOODBRIDGE, B.S., University of California, 1927

In Zoology

PAUL CHESTER BEAVER, A.B., Wabash College, 1928
 HARRIET RUTHERFORD, A.B., 1921
 HILDA ANNA STEIN, B.Ed., Southern Illinois State Normal University, 1925

Professional Degrees in Engineering

Degree of Civil Engineer

ELMER FRANKLIN BRUHN, B.S., 1923, M.S., Colorado School of Mines, 1925
 HAROLD EVERETT WESSMAN, B.S., M.S., 1924, 1925

Degree of Electrical Engineer

MAX ALBERT FAUCETT, B.S., M.S., Rose Polytechnic Institute, 1921, 1924,
M.S., 1928
KENNETH WILLIAM MILLER, B.S., 1919

Degree of Mechanical Engineer

ISAAC HARRY DARBY, JR., B.S., 1917
CARLETON DRURY NORTHAM, B.S., 1923
JOHN WILLIAM ROMIG, B.S., 1924
CRANDALL ZACHARIAH ROSECRANS, B.S., M.S., 1919, 1921

Degree of Doctor of Philosophy

In Agronomy

WILLIAM REYNOLDS PADEN, B.S., University of Missouri, 1925, M.S., 1926
COLLINS VEATCH, B.S., Virginia Polytechnic Institute, 1926, M.S., Iowa State
College, 1926

In Animal Husbandry

FRANK ALFRED GOUGLER, B.S., Oklahoma Agricultural and Mechanical College,
1909, M.S., Kansas State Agricultural College, 1915

In Botany

MATHILDE HANNAH KRENZ, A.B., A.M., 1924, 1926
WALTER HERMAN MICHAELS, B.S., M.S., South Dakota State College, 1923, 1925

In Chemistry

DALE FRIEND BABCOCK, B.S., Kansas State Teachers College of Pittsburg, 1924
CLARENCE PETER BERG, A.B., Augustana College, 1924, A.M., 1925
EUCLID WILFRED BOUSQUET, A.B., A.M., 1925, 1926
MICHAEL JOSEPH COPLEY, B.S., Catholic University of America, 1922
STANLEY GRIFFITH FORD, B.S., Oregon State Agricultural College, 1926, M.S.,
1927
DEFOE CHILDRESS GINNINGS, B.S., M.S., 1926, 1927
EDWIN ROBERT LITTMANN, B.S., M.S., 1922, 1923
WILLIAM HIRAM LYCAN, B.S., M.S., 1924, 1926
RUTH REDER ST. JULIAN, A.B., Oberlin College, 1920, A.M., 1927
WENDELL MEREDITH STANLEY, B.S., Earlham College, 1926, M.S., 1927
HERMAN LOUIS TSCHENTKE, B.S., M.S., 1920, 1925
GAIL ROBERT YOHE, A.B., Cornell College, 1925, M.S., 1927

In Classics

MARIAN HARMAN, A.B., Franklin College, 1923, A.M., 1924

In Dairy Husbandry

ARTHUR CHESTER DAHLBERG, B.S., M.S., University of Minnesota, 1915, 1916
FRANK PAUL SANMANN, B.S., M.S., 1921, 1923

In Economics

CORLISS DORAN ANDERSON, B.S., M.S., 1926, 1927

In History

RUSSELL HOWARD ANDERSON, B.S., A.M., 1923, 1925
CHARLES BURNET JUDAH, JR., A.B., A.M., 1925, 1926
GLEN HURON SEYMOUR, A.B., A.M., 1924, 1925
MAX LEROY SHIPLEY, A.B., Illinois College, 1923, A.M., 1927

In Horticulture

VICTOR WENDELL KELLEY, B.S., M.S., 1921, 1923

In Mathematics

GEORGE ALLEN BAKER, B.S., 1926
HUGH RAYMOND BEVERIDGE, B.S., Monmouth College, 1923, A.M., 1927

OLIVER KENNETH BOWER, A.B., A.M., 1924, 1927
 CLETUS ODA OAKLEY, B.S., University of Texas, 1923, M.S., Brown University,
 1926

In Physics

WILLIAM DWIGHT LANSING, B.S., M.S., 1925, 1926
 KENNETH ORVILLE SMITH, A.B., Cornell College, 1921, A.M., 1923

In Romance Languages

MARGIE NICKELSON BURKS, A.B., Wesleyan College (Georgia) 1905, A.M., 1926
 PERCY GRIFFITH EVANS, A.B., A.M., Boston University, 1919, 1924
 PAUL EMILE JACOB, Brevet d'Enseignement, Neuchâtel, Switzerland, 1909, A.M.,
 1926

COLLEGE OF MEDICINE

Degree of Bachelor of Science

Conferred June 8, 1929, in Chicago

HENRY AKINA	FRED O KUEHL
STEPHEN HEDGES AMBROSE	GUSTAV RICHARD LAUBE
LEON JUDAH ARIES, with Honors	DAVID LERNER
WALTER HILMAR BAER	EUGENE GEORGE LIPOW, Ph.G.
BARBARA FLORENCE BENDA	SAMUEL ALVIN LOSEFF
SOLOMON J BENENSOHN	ALVIN LEROY MATHIS
LOUIS BERGER	HAROLD FOREST OAKES
CHARLES ROBERT BLOOM	ROGER RALPH OLSEN
HELEN CLARA BREZENA	PETER OSTROFSKY
HARRY BURSTEIN	FRANK JOSEPH PISZKIEWICZ
THEODORE MOFFETT CAROW	ERNEST DEWITT PONZER
ALVIN JAY CERNY	SIDNEY PRICE
HENRY I CHAPMAN	THEODORE NEWELL RAFFERTY
FRANCES ALMEDA CLINE	ALEX BENJAMIN RAGINS
BERNARD M COHEN	SAMUEL REZNICK
DAVID COHEN	LESTER RISKIND
LANDIS YOUNG DAVIS	BROOKS LEEK ROBERSON
EDWARD JACK DENENHOLZ, with Honors	HAROLD XAVIAN RUBIN
JACOB EDINBURG	DORAN THERMAN RUE, A.B.
DAVID VERNON EFFRON	MEYER ISADORE SABERMAN
JOHN B ERICH	IVAN SANDBERG
EDWARD GRAHAM EVANS	PAUL D SANFILIPPO, with Honors
GLENN FRANCIS FISHEL	KENNETH H SCHNEPP, A.B.
WILLIAM FOX	WILLIAM JACK SCHUTZ
JOHN COWRIER GARLAND	GUY EMIL SEYMOUR, A.B.
WILLIAM JAMES GILLESBY, B.S.	LOUIS BERNARD SHAPIRO
ROBERT JOSEPH GLENNER	MAURICE MACEO SHAW
HARRY ROBERT CHARLES GROPPE	HENRY ABRAHAM SIEGAL
STEPHEN JOHN HANSEN	JOSEPH SIMONS
ALFRED HELMAR HERMAN	CHARLOTTE H SINGER
BERNARD HORWITZ	F KIRK SMITH
SAMUEL HYMAN	RUSSELL LEE SMITH
HOWARD MATTHEW JACOBS	CONRAD SAMUEL SOMMER
RICHARD PAUL JOHNSON, with Honors	PERCY ALFRED STALEY
HYMAN JOSEPH KAPLAN, A.B.	JOHN WAYNE STEVENS
MORRIS AARON KAPLAN	EVERETT LEE STROHL
PHILIP KAPLAN	CLIFFORD PATRICK SULLIVAN
CHARLES HERMAN KAUFMAN	PAUL EDGAR SWANSON
IRVING KAUFMAN, with High Honors	EMANUEL TAFT
ROY L KENWARD	MARION MEEDITH TAYLOR
REUBEN KLEIN, A.B.	LOUIS ARLINGTON TERMAN
ALFRED PAUL KLOMHAUS	OTTO ERNEST VAN DER AUE, with Honors
LOUIS FRANCIS KOMPARE	KENNETH HOUSTON VINNEDGE

THEODORE JOHN WACHOWSKI
DOROTHY HUTCHINSON WELKER, A.B.,
with Honors

JOHN FRANCIS WIXTED, A.B.
HOWARD ZEITLIN

Certificate in Medicine

IRVING RICHARD ABRAMS, B.S.
MELVIN LOUIS AFREMOW, B.S.
MARSHALL WELLS ALCORN, B.S.
DWIGHT WILSON ANDERSON, B.S.
WILLIAM EUGENE ANDERSON, B.S.
LAWRENCE GRANT BALDING, B.S.
RAYMOND G BAYLES
JOHN GOLDFREED BELLOW, B.S.
CLARENCE EDWARD BENSEMA, B.S.
EARL ELMER BLANCK, B.S.
RALPH CLINTON BOREN, B.S.
CLAY STEPHEN BOSWELL, B.S.
MARSHALL OVID BOUDRY, B.S.
CHARLES EDWARD BOYLAN
ALEXANDER BROWN, B.S.
LEVI MARTIN BROWNING
CARL EDWARD CLARK, B.S.
JOHN HENRY CONNELL
CARLOS CLINTON CRAIG, B.S.
MARTIN SAUL CROFT, B.S.
JAMES EUGENE PAUL DAVIA, B.S.
MARTHA LOUISE DEDRICK, B.S.
REBECCA LIDOVSKY DELSON, B.S.
JOHANNA MARY DIECKMANN, A.M.
FRANCIS EMMONS DREW, B.S.
EMIL GUNVALD ERICKSEN
MORRIS FEINSTEIN, B.S.
IRVING BENWITH FERRIAS, B.S.
PHILMOUR FINK, B.S.
SYDNEY RICHARD FORKOSH, B.S.
ALEXANDER LANFORD FREEMAN, B.S.
ROY PRESTON GARRETT, B.S.
LOUIS JACOB GOGOL, B.S.
J WILSON GRAY, B.S.
DANIEL HAFFRON, B.S.
ARTHUR ABRAHAM HALEVY
JAMES MANUEL JOHNSON
OTTO GUSTAV KLEIN, B.S., A.B.
SALMON ARTHUR KOFF
LOUIS FRANCIS KOMPARE
IKBAL KRISHNA, A.B., B.S.
RALPH HESS KUNSTADTER, B.S.
GUSTAV RICHARD LAUBE
FRANK JOSEPH LAVIERI, B.S.
AARON LEARNER, B.S.
LOUIS LEO LEVITT, B.S.
IRVING DARIA LITWACK, B.S.
ADELINA FLORENCE LOBRAICO, B.S.
NAOMI THERESE LUCIUS, B.S.
GEORGE CLETUS MCGINNIS
ALAN F McLAUGHLIN, B.S.
EDWARD JOSEPH MCNULTY
ISADORE MALLIN, M.S.
DAVID MANSOWITZ, B.S.
ALVIN LEROY MATHIS
JOHN ARCHIBALD MATHIS, B.S.
PERRY JULIUS MELNICK, B.S.
DONALD GLENN MERSHON, B.S.
GEORGE IRVING MEYER
ALFRED FREDERICK MILLER, B.S.
LEO FREDERICK MILLER, B.S.
MAURICE MILLER, B.S.
MAX MALCOLM MONTGOMERY, B.S.
LAURENCE MOSES MOORE
RANDALL B MORELAND, B.S.
WALDO EVANS MURPHY
FRANK EMIL NAGEL, JR., B.S.
JUSTIN RUSSELL NASH
LOVELL ARTHUR NEAL, B.S.
ROLAND CLIFFORD NELSON, B.S.
JOHN M NOWAK, B.S.
FREDERICK DENNIS O'DONNELL, B.S.
DAN CLARK OGLE, B.S.
IRWIN LOVETTE OLIVER, B.S.
CLEMENT PAUL O'NEILL, B.S.
ELI HOLMES ORR, B.S.
MEREDITH LOUIS HULT OSTROM, B.S.
ROBERT LESTER PAXTON, B.S.
ALBERT CHARLES PETRIK, B.S.
ABRAHAM I RAMENOFKY, B.S.
HUGH ALEXIS RASMUSSEN, B.S.
ROBERT EARL REAGAN, B.S.
JOSEPH CYRUS REINGOLD, B.S.
BROOKS LEEK ROBERSON
HAROLD ALAN ROTH, B.S.
CARMEN FRANCIS RUSSO, B.S.
MAURICE AARON SCHILLER, B.S.
JOHN WHEELER SCHORI
HYMAN JOSEPH SCHORR
SIDNEY SCHREIBER, B.S.
SAMUEL SCHWIED, B.S.
BENJAMIN SEID, B.S.
ARTHUR LOUIS SHAFTON, B.S., A.B.
FRED SHAPIRO, B.S.
HAROLD SHELOW, B.S.
HARRY SHUGER, B.S.
DAVID CHARLES SIMON, B.S.
CHARLES OTIS SMITH, A.B., B.S.
KENNETH JOHN SMITH, B.S.
ROBERT HARLIE SMITH, B.S.
FELIX WALTER SOKOLOWSKI
SAM SOLOMON, JR., B.S.
PERCY ALFRED STALEY
ALEXANDER LOUIS STEARNS, B.S.
FRED D STONE, B.S.
CARROLL W STUART, D.D.S., B.S.
FRED LOUIS STUTTLE, B.S.
ARTHUR ALFRED TAIT, A.B., B.S.
WALTER WILLIAM TOBIN, B.S.
ANDREW JOHN TOMAN, B.S.
KENNETH HOUSTON VINNEDGE
HALVARD WANGER, B.S.
ANNETTE CLARKE WASHBURNE, Ph.B.,
B.S.

GEORGE SEYMOUR WEISS, B.S.
 NORMAN ARNOLD WIEN, B.S.
 HENRY H WOLF, B.S.

GEORGE FREDERICK WOLLGAST
 MARSHALL E YONAN, B.S.

COLLEGE OF DENTISTRY

Degree of Bachelor of Science

Conferred June 8, 1929, in Chicago

WILLIAM CHASAN
 ANDREW CHARLES GOLDWIN

EDGAR HERMAN KRAMP

Degree of Doctor of Dental Surgery

C HERBERT WILLARD ANDERSON, A.B.
 WILLIAM AUGUST BECKER, B.S.
 MORRIS BARRINGTON BELL
 MICHAEL FELSHER
 GEORGE WILLIAM FLICK
 CLARENCE WYLAND HANSEN
 IRVING HECHT
 EARL GRANT JACOBSON
 LOUIS JACOBSON
 LESTER DAVIS KAPLIN
 JOHN VINCENT KLECEWSKI
 CARL LAMB

CHARLES LE SCHOF'S
 KENNETH VAUGHN LUNAK
 WALTER BLAKE MADDOX
 GEORGE WILLIAM MARQUARDT
 MEYER MEHLMAN
 WALTER JOHN MILLER
 ERNEST MYER
 LESTER WALTER REBMAN, B.S.
 LOUIS ROTHFIELD
 ABRAHAM JOSEPH SELISKY
 WILLIAM A SIMMS
 STANLEY SPENCER WHITTIER

SCHOOL OF PHARMACY

Degree of Pharmaceutical Chemist

Conferred June 8, 1929, in Chicago

SIDNEY ADELMAN
 MAX AKWA
 SAMUEL ROBERT ARONSON
 GERALD WILSON BALDRIDGE
 SAM H BALKIN
 PHILIP A BARBER
 VICTOR JOHN BARDONSKI
 OTTO BARK
 TRUMAN ALONZO BARLOW
 STANLEY FRANK BARTECKI
 RUBEN E BECKMAN
 THEODORE LLOYD BEDNARCHUK
 JOHN BERNBROCK, JR.
 FRED R BERSCHIED
 JOHN BIEDERMAN
 MARTIN PETER BLASZAK
 LEO BLEICHER
 ADOLPH BORCHERS
 CHARLES LESLIE BORDNER
 WARD ELLIS BOST
 LESLIE WRIGHT BROWNE
 BENJAMIN FREDERICK CAUBLE
 ROBERT GERALD CENTER
 CHARLES GEORGE COHEN
 VICTOR ALLEN COLE
 JOHN ANTHONY DESAEGHER
 SAUL M EPSTEIN
 ELMER THOMAS FRITSCH
 ELLIS ISRAEL GANS
 EDWARD H GHOLSON
 RAPHAEL A GOETZMAN
 LAWRENCE A GOSLIN
 JOSEPH C GUMULASKAS

DAVID WILLIAM GEORGE HAERING
 PHILIP W HARDING
 MILTON HARRIS
 REED GARRETT HENNINGER, with
 Honors
 EMIL RUBEN HIRSCH
 JOSEPH CAMERON HOOPER
 VERNON HOOS
 MORRIS VICTOR HORNER
 GORDON EUGENE JOHNSON
 ESTHER LOIS JONES
 MEYER KAPLAN
 NATHAN A KAPLAN
 MABEL LUCILLE KETTERING
 BERNARD P KLAWANS
 STANLEY FRANK KOPECKY
 GERALD KOZLOV
 HARRY J KRASNESKI
 OTTO LOUIS KRESNICKA
 JOSEPH LAMANNA
 GEORGE BEN LANDE
 SALVATORE FRANK LARocca
 MANDEL HARRY LEVIN
 GEORGE FRED LOVEWELL
 EDWARD S LUBAR
 WILLIAM LUBAR
 WILLIAM ROBERT MCCROTTY
 ALBERT CHARLES MARGOLIS
 CALMAN MARK
 LAWRENCE MARTORANO
 CHARLES JOSEPH MATTAS
 MICHAEL MEDINTZ
 CHARLES F MERDIAN

PHILIP WILLIAMS NIEMAN
 LOUIS DAVID NIERENBERG
 WILLIAM ANDREW PALUDNEVICH
 NICOLAS PANZICA
 HYMAN PECKERMAN
 JOSEPH PERLMAN
 HENRY BOHUMIL PESATA
 PETER B PINNA
 ANTONIO MACEO PORTER
 ALFRED JACOB PRESS
 ABRAHAM PAUL PRICE
 IRVING RICHTER
 MAURICE RUTTENBERG
 ALBERT SAKOFSKY
 LADISLAUS FRANK SATALA
 CARL FRANCIS SCHAEDE
 VICTOR HUGO SCHER
 HARRY SCHURR

HERBERT SCHWAB
 HARRY SCHWARTZ
 RAYMOND ERWIN SEEM
 CARL GEORGE SELMER
 MAURICE CHARLES SHOFFMAN
 ANTON CLARK SIBILSKY
 GEORGE FRED SIEFFERT, with
 High Honors
 ANTHONY SODARO
 RAYMOND DAVID SPEAKMAN
 ABNER STERNBERG
 SAMUEL LLOYD STOUT
 VICTOR BENJAMIN TANENBAUM
 EMANUEL TIKOTZKY
 CHESTER ELGINER TOBIAS
 CARL REINHARD TROGNITZ
 MAURICE ZARITSKY

(As of the Class of 1928)

HAROLD EISENSTEIN

JACOB JASTROMB

Certificate in Pharmacy

PHILIP WILENS BECKER
 EDITH DI GILIO
 FRANK NICK DI GILIO
 JOSEPH EDWIN FAINGOLD, with
 Honors
 SAMUEL FLOREST
 THORKILD NORDBY HANSEN

MORRIS LANG
 SOL E LEVINSON
 ERNEST NACHTMAN
 ARTHUR MEYER ROSENTHAL
 HAROLD ALFRED VICK
 SAMUEL BELL WINER
 SAM WORSHILL

GRADUATE SCHOOL

Degree of Master of Science

Conferred June 8, 1929, in Chicago

In Bacteriology

MELVIN LOUIS AFREMOW, B.S., University of Chicago, 1926
 ALFRED JULIAN KOBAK, B.S., 1923
 MEREDITH LOUIS HULT OSTROM, B.S., 1927
 CHARLOTTE H SINGER, B.S., 1929
 CARROLL W STUART, B.S., 1927

In Pathology

AARON LEARNER, B.S., 1927
 PERRY JULIUS MELNICK, B.S., 1927

In Physiological Chemistry

ROBERT PRESTON MACFATE, Ch.E., Lehigh University, 1925

Degree of Doctor of Philosophy

In Obstetrics and Gynecology

ABRAHAM FAE LASH, B.S., University of Chicago, 1919, M.D., Rush Medical
 College, 1921, M.S., 1926

HONORARY DEGREES

(2) The University Senate has approved a recommendation from the Council of Administration that the honorary degree of Doctor of Laws (LL.D.) be conferred on the following persons at the Commencement exercises on June 12:

LORADO TAFT—Class of 1879
 WILLIAM LAMONT ABBOTT—Class of 1884
 ROBERT FRANKLIN CARR—Class of 1893

The services which each of these men has rendered to the University, to the State, and to the nation are so outstanding and so generally known that it seems unnecessary to go into detail regarding the matter.

After consideration, and on motion of Mrs. Grigsby, these degrees were awarded as recommended.

APPOINTMENTS TO THE STAFF FOR 1929-30

(3) I request confirmation of my action in approving in advance of the budget the following appointments for 1929-30 in positions already existing and at salaries already established, or less:

In Chemistry

J. B. Shields, Assistant, one-half time, \$600
 A. E. Badger, Assistant, one-quarter time, \$300
 B. C. Becker, Assistant, one-quarter time, \$300
 Dorothea Haas, Assistant, one-quarter time, \$300
 Leonore B. Hollander, Assistant, one-quarter time, \$300
 Walter Klabunde, Assistant, one-quarter time, \$300
 J. O. Page, Assistant, one-quarter time, \$300
 J. T. Eaton, Assistant, one-half time, \$600
 J. H. Holloway, Jr., Assistant, one-half time, \$600
 Gordon Hughes, Assistant, one-half time, \$600
 E. E. Jukkola, Assistant, one-half time, \$600
 C. M. Loucks, Assistant, one-half time, \$600
 R. E. Meints, Assistant, one-half time, \$600
 P. R. Schildneck, Research Assistant, one-half time, \$700
 Florence L. Catherwood, Assistant, one-half time, \$600

In English

John Dewey Petersen, Assistant, two-thirds time, \$1,000

In Geology

Charles Rollin Lorain Oder, Laboratory Assistant, one-half time, \$600
 John Archer Culbertson, Laboratory Assistant, one-half time, \$600

In History

Stella Helen Sutherland, Assistant, one-half time, \$700
 Clarence Arthur Clausen, Assistant, one-half time, \$600
 George Holdridge Greene, Jr., Assistant, one-half time, \$600
 George Leighton LaFuze, Assistant, one-half time, \$600
 Edward Loren Major, Assistant, one-half time, \$600

In Political Science

Robert S. Barnes, Assistant, one-half time, \$700

In Psychology

W. A. Blakely, Assistant, two-thirds time, \$1,000

In Romance Languages

Alphonse Victor Roche, Assistant, \$1,600

In Home Economics Extension

Isabelle Mortimore Hitchcock, Associate, \$2,200

In Ceramic Engineering

Richard David Rudd, Research Assistant, \$2,400

In Civil Engineering

Kenneth C. Tippy, Research Graduate Assistant, \$600

In the Engineering Experiment Station

Joseph LeConte Boon, Research Graduate Assistant, \$600
 Richard Marston Lawrence, Research Graduate Assistant, \$600

In Physical Education (for Women)

Laura Jewel Huelster, Assistant, \$1,700

Office of the Dean of Women

Irene Dorothy Pierson, Assistant to the Dean of Women, \$1,950

On motion of Mr. Barr, these appointments were confirmed.

APPOINTMENT OF DR. ROSSLEENE ARNOLD HETLER

(4) Dean Mumford and Professor Wardall recommend that Dr. Rossleene Arnold Hetler, Assistant Professor of Nutrition in the Department of Home Economics, be appointed Acting Head of the Department for the academic year 1929-30, at a salary of \$4,000, during the absence of Miss Wardall, who is to be on sabbatical leave during that time.

I concur.

On motion of Mrs. Busey, this appointment was made.

LEAVE OF ABSENCE FOR DR. OLIVE C. HAZLETT

(5) Dean Babcock and Professor Townsend recommend that Dr. Olive C. Hazlett, Assistant Professor of Mathematics, who has been on leave of absence without pay during the present academic year, be appointed Associate Professor of Mathematics at \$4,000 a year and that her leave of absence without pay be extended until September 1, 1930, she to return then on the terms of this appointment.

I concur.

On motion of Mrs. Busey, this appointment was made.

RESIGNATION OF PROFESSOR ALBERT TEN EYCK OLMSTEAD

(6) I report with regret the resignation of Professor Albert Ten Eyck Olmstead as Professor of History to take effect September 1, 1929. Professor Olmstead has accepted a position with the new Oriental Institute established recently at the University of Chicago.

This report was received for record.

APPOINTMENTS TO ALLERTON AMERICAN TRAVELING SCHOLARSHIPS

(7) The Dean of the College of Engineering and the Head of the Department of Architecture recommend that Mr. Buford L. Pickens, of the junior class, and Mr. William V. Reed, of the senior class, be appointed to the two Allerton American Traveling Scholarships for the summer of 1929.

I have approved these recommendations, and ask confirmation.

On motion of Mrs. Grigsby, this action was confirmed.

CHANGE IN REQUIREMENTS FOR GRADUATION IN THE SCHOOL OF MUSIC

(8) The University Senate recommends the following changes in the requirements for graduation in music effective September 1, 1929:

1. A minimum requirement of 20 hours in the minor of applied music, with 2 to 4 hours' credit for each course taken, depending upon the student's proficiency.
2. A minimum requirement of 2 hours of credit in a new course, "Accompanying and Ensemble," of all students in music except those majoring in theory.

On motion of Mrs. Busey, these requirements were adopted.

CHANGE IN REQUIREMENTS FOR THE DEGREE OF DOCTOR OF LAW (J.D.)

(9) The University Senate recommends that candidates for the degree of Doctor of Law (J.D.) be required to register in a thesis course for credit, this requirement to be effective September 1, 1929.

On motion of Mr. Barr, this requirement was adopted.

**REAPPROPRIATION OF FUNDS FOR THE DEPARTMENT
OF HORTICULTURE**

(10) In May, 1928, the Board appropriated \$1,238.15, this being unappropriated balances from receipts in the Department of Horticulture, for the publication of four manuscripts prepared by the Department. There remains a balance of \$1,120.41 in this fund, due to the fact that three of the four manuscripts were withdrawn from publication after further consideration. Dean Mumford recommends that the balance be reappropriated for the publication of two manuscripts, viz.,

1. A Comparison of the Transpiration Rates of Twenty-One Deciduous Fruit Species, by V. W. Kelley, estimated at \$300.

2. Inheritance in Lettuce, by C. E. Durst, estimated at \$725.

I concur in this recommendation.

On motion of Mr. Simpson, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees.

REAPPROPRIATION OF UNUSED BALANCES

(11) The Comptroller recommends that the following balances, which will remain in departmental appropriations at the close of the fiscal year ending June 30, 1929, be reappropriated for the purposes indicated in each case:

Department of Botany	\$ 350
(For research assistance for Professor F. L. Stevens)	
Bureau of Business Research	\$1 600
(For employment of extra assistance during the summer)	
Department of Physiology (College of Medicine)	\$ 150
(For employment of student assistants during the summer)	

On motion of Mrs. Evans, these balances were reappropriated, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees.

APPROPRIATION FOR ANIMAL HOUSES

(12) I request an appropriation of \$1,000 from the Reserve and Contingent Fund for the building of small animal houses in connection with the work of our Laboratory of Animal Pathology, the expenditure to be made after further conferences and satisfactory conclusion of the discussion.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees.

THE ALUMNI DIRECTORY

(13) The Comptroller estimates that the cost of the Alumni Directory from now on will aggregate something over \$14,000. To meet it there is at present a balance of \$11,880, so that an appropriation of approximately \$2,400 will be necessary. There will be receipts from sales probably running up to \$10,000 if not more.

In view of the above facts I recommend that an appropriation of \$2,400, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to be added to the present balance for the expense of publishing the Alumni Directory.

On motion of Mr. Barr, this appropriation was made by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees.

PATENT ON PLATING PROCESS

(14) On recommendation of Professor Roger Adams, concurred in by a Committee of the Faculty which advises me on such matters, I recommend that Dr. L. F. Yntema

of the Chemistry Department, who has developed a process for the plating of metallic surfaces with molybdenum, be permitted to take out a patent on his own account if he wishes, since the process does not appear to be of sufficient public interest to warrant the University in acquiring a patent right.

On motion of Mr. Fisher, this release was approved.

PATENT ON BABBITT PROCESS

(15) On recommendation of Professor W. C. Huntington, Head of the Department of Civil Engineering, concurred in by the same committee, I recommend that Professor H. E. Babbitt, Professor of Sanitary Engineering, who has developed a process for the treatment of sewage which he feels should be made available to the municipalities of the state without restriction, be authorized to apply for a patent to be transferred to the University, under our regulations.

This process is a two-stage method whereby the sewage sludge and the liquid are treated separately. This method makes it possible to use smaller tanks and reduces certain troubles caused by foaming and grease accumulations. This process in no way conflicts with the recent patent secured by Dr. A. M. Buswell of the Chemistry Department as his process requires construction of two sludge digestion tanks, whereas this requires only one sludge digestion tank; nor does it infringe on the Imhoff patent because there is no continuous flow of sewage in the Babbitt process which treats sludge and not the sewage.

On motion of Mr. Barr, Professor Babbitt was authorized to make application for a patent, as recommended.

FOREIGN PATENT ON SEWAGE TREATMENT

(16) The following communication from Messrs. Brown, Jackson, Boettcher, & Diener, patent attorneys, concerning the application of Professor A. M. Buswell and Mr. Sidney L. Neave for a patent on sewage treatment which they have filed in accordance with the action of the Board of Trustees on February 13 (Minutes, pages 135-6):

CHICAGO, Illinois, May 31, 1929

Board of Trustees, University of Illinois

GENTLEMEN:

We are in receipt of notice from the Patent Office that the application of Arthur M. Buswell and Sidney L. Neave, Case 1, for patent on Sewage Treatment, was filed on May 9, 1929, and received Serial No. 361,570.

According to the latest published report, the division in charge of this application may not reach it for about eight (8) months, although it often happens that the Examiner acts at an earlier date.

In the most important foreign countries, publication or use of the invention will deprive you of the right to protection, except that within a year after filing the above mentioned U. S. Application, an application on the same invention can be filed in such foreign countries with the same effect as if filed at the same time as the U. S. Application.

We are advising you of this at present so that you may not unintentionally lose any of your rights, and so that you may consider carefully whether protection in foreign countries on this invention is likely to be worth while. If you are interested, let us know, and we will send you a reminder before the time limit expires for obtaining protection abroad. Otherwise we shall assume you do not care to protect this invention outside the United States.

Yours very truly,

BROWN, JACKSON, BOETTCHER, & DIENER

Professor White, Chairman of the Committee on Patents, reports that it was impossible to have a meeting of the Committee in time to make a recommendation on the matter because Professor Parr, of the Committee, and Professor Buswell were out of town. However, Dean Ketchum, another member of the Committee, expresses the following opinion, in which Professor White concurs:

"The University is interested principally in protecting the public in the United States and this will be accomplished by a United States patent. The only exception to the above might be that it would be wise to obtain a Canadian patent. The Uni-

versity would not be in a position to enforce foreign patents and I do not believe that we would be justified in going to the expense and trouble of obtaining foreign patents."

On motion of Mr. Barr, it was voted to release to the inventors any rights to foreign patents (except Canadian) on this process.

**FOREIGN PATENT ON PREVENTION OF EMBRITTEMENT
OF STEEL IN BOILERS**

(17) The following communication from Messrs. Brown, Jackson, Boettcher, & Dienner, patent attorneys, concerning the application of Professor S. W. Parr and Mr. F. G. Straub for a patent on prevention of embrittlement of steel in boilers which they have filed in accordance with the action of the Board of Trustees on April 10 (Minutes, page 163).

CHICAGO, Illinois, June 5, 1929

Board of Trustees, University of Illinois

GENTLEMEN:

We are in receipt of notice from the Patent Office that the application of Samuel W. Parr and Frederick G. Straub, Case 1, for patent on PREVENTION OF EMBRITTEMENT, was filed on May 25, 1929, and received Serial No. 366,085.

According to the latest published report, the division in charge of this application may not reach it for about nine months, although it often happens that the Examiner acts at an earlier date.

In the most important foreign countries, publication or use of the invention will deprive you of the right to protection, except that within a year after filing the above mentioned U. S. application, an application on the same invention can be filed in such foreign countries with the same effect as if filed at the same time as the U. S. application.

We are advising you of this at present so that you may not unintentionally lose any of your rights, and so that you may consider carefully whether protection in foreign countries on this invention is likely to be worth while. If you are interested let us know, and we will send you a reminder before the time limit expires for obtaining protection abroad. Otherwise we shall assume you do not care to protect this invention outside the United States.

Yours very truly,

BROWN, JACKSON, BOETTCHER, & DIENNER

On motion of Dr. Noble, it was voted to release to the inventors any rights to foreign patents (except Canadian) on this process.

On motion of Dr. Noble, the President of the Board was authorized to appoint a committee of five members (the President to be chairman) on matters pertaining to patents. President Armstrong later appointed the following members to serve with him on this committee: Mr. Fisher, Dr. Noble, Mr. Simpson, Mr. Trees.

**COOPERATIVE AGREEMENT FOR INVESTIGATION OF EFFECT OF
NITRATE OF SODA ON SOIL AND CROPS**

(18) The Director of the Agricultural Experiment Station recommends approval of an agreement with the Chilean Nitrate of Soda Educational Bureau of New York City for a cooperative investigation of the effects of applications of nitrate of soda on the soil and on crop growth in various cooperating systems, and also to determine the best methods of utilization of this material as a fertilizer, to be carried out by the Agricultural Experiment Station. The agreement has been drawn for a period of one year from September 1, 1929, and the cooperating company agrees to pay the sum of \$1,500, in quarterly installments, to cover the expenses of the investigations.

The agreement is of the form and character hitherto authorized by the Board for cooperative investigations. I recommend that it be approved.

On motion of Dr. Noble, this agreement was approved.

**AGREEMENTS WITH MESSRS. C. J. THOMAS OF CARBONDALE AND
F. L. GRAVES OF VILLA RIDGE FOR USE OF
PEACH ORCHARDS**

(19) Pursuant to the authority given me by the Board on May 17 and on further investigation of the proposal, I authorized the Comptroller and Secretary of the Board to execute for the University contracts with Mr. C. J. Thomas of Carbondale and Mr. F. L. Graves of Villa Ridge for the use of their orchards for experimental spraying.

This report was received for record.

**DEDICATION OF RIGHT OF WAY ACROSS ALEDO
EXPERIMENT FIELD**

(20) The Board has authorized the dedication of a part of the Aledo Experiment Field, in Mercer County, to the State of Illinois, Department of Public Works and Buildings, Division of Highways, as part of Highway Route 83, Section 124-x. The original grantors of this field, Archie G. Bridgford and Mollie T. Bridgford, his wife, have joined in the dedication, which has been recorded in Volume 150 of Deeds, on page 135, in the Recorder's Office in Mercer County, and the dedication has been forwarded to the Department of Public Works and Buildings.

This report was received for record.

**LABORATORY FEES IN THE URBANA DEPARTMENTS
FOR 1929-30**

(21) The Comptroller and the Provost submit the following schedule of laboratory and other special fees in the Urbana Departments for 1929-30, which I recommend be adopted.

Agronomy 10.....	\$ 1 00	Botany 1.....	\$ 2 00
Agronomy 11.....	3 00	Botany 2.....	2 00
Agronomy 13.....	4 00	Botany 3.....	2 00
Agronomy 14.....	1 00	Botany 5.....	1 00
Agronomy 18a.....	5 00	Botany 6.....	1 00
Agronomy 18b.....	5 00	Botany 7.....	2 00
Agronomy 18c.....	3 00	Botany 8.....	1 00
Agronomy 18d.....	3 00	Botany 11.....	1 00
Agronomy 18e.....	5 00	Botany 13.....	1 50
Agronomy 18f.....	5 00	Botany 15.....	1 00
Agronomy 18g.....	2 50	Botany 33 (per hour).....	50
Agronomy 18h.....	2 50	Botany 34 (per hour).....	50
Agronomy 18j.....	2 50	Botany 40.....	1 00
Agronomy 18k.....	2 50	Botany 41.....	1 00
Agronomy 25.....	2 00	Botany 42.....	1 00
Agronomy 28.....	3 00	Botany 43.....	1 00
Anatomy (see Human Anatomy)		Botany 44.....	1 00
Animal Husbandry 41.....	1 00	Botany 45.....	3 00
Animal Husbandry 119.....	5 00	Botany 50.....	1 00
Athletic Coaching 16.....	2 00	Botany 55.....	1 00
Athletic Coaching 20.....	1 00	Botany 60.....	1 00
Athletic Coaching 30.....	1 00	Botany 70 (per hour).....	50
Athletic Coaching 31.....	1 00	Botany 77 (per hour).....	50
Athletic Coaching 40.....	1 00	Botany 78 (per hour).....	50
Athletic Coaching 41.....	1 00	Botany 79.....	1 00
Athletic Coaching 50.....	3 00	Botany 80.....	1 00
Bacteriology 5b.....	8 00	Botany 88.....	1 00
Bacteriology 6.....	2 50	Botany 130 (per unit).....	3 00
Bacteriology 8.....	7 00	Botany 150 (per unit).....	3 00
Bacteriology 20.....	7 50	Botany 155 (per unit).....	3 00
Bacteriology 26.....	8 00	Botany 160 (per unit).....	3 00
Bacteriology 106.....	5 00	Botany 170 (per unit).....	3 00
		Botany 177 (per unit).....	3 00
		Botany 180 (per unit).....	3 00

Ceramics 4.....	\$ 2 00	Civil Engineering 72.....	\$ 1 00
Ceramics 5.....	7 50	Civil Engineering 73.....	2 00
Ceramics 7.....	2 00	Civil Engineering 82.....	2 00
Ceramics 14.....	5 00	Civil Engineering 84.....	1 50
Ceramics 16.....	5 00	Civil Engineering 85.....	2 50
Ceramics 18.....	2 00	Civil Engineering 86.....	1 00
Ceramics 102 (per lab. hr.).....	2 50	Civil Engineering 87.....	1 00
Chemistry 1.....	8 00	Civil Engineering 88.....	1 00
Chemistry 2.....	5 00	Civil Engineering 90.....	1 50
Chemistry 3.....	6 00	Civil Engineering 95.....	1 50
Chemistry 4.....	8 00	Civil Engineering 96.....	1 50
Chemistry 5.....	10 00	Dairy Husbandry 1.....	3 00
Chemistry N6.....	8 00	Dairy Husbandry 4.....	3 00
Chemistry 10.....	10 00	Dairy Husbandry 5.....	3 00
Chemistry 16a.....	5 00	Dairy Husbandry 7.....	3 00
Chemistry 22.....	8 00	Dairy Husbandry 8.....	2 00
Chemistry 24.....	12 50	Dairy Husbandry 10.....	4 00
Chemistry 27.....	12 50	Dairy Husbandry 12.....	3 00
Chemistry 28b.....	12 50	Dairy Husbandry 14.....	2 00
Chemistry 32.....	10 00	Dairy Husbandry 22.....	2 00
Chemistry 33.....	12 50	Dairy Husbandry 24b.....	2 00
Chemistry 34a.....	12 50	Electrical Engineering 2.....	1 50
Chemistry 37b.....	12 50	Electrical Engineering 5.....	1 50
Chemistry 38a.....	15 00	Electrical Engineering 51.....	1 50
Chemistry 41.....	7 50	Electrical Engineering 52.....	1 50
Chemistry 43b.....	7 50	Electrical Engineering 61.....	1 50
Chemistry 50a.....	15 00	Electrical Engineering 62.....	1 50
Chemistry 51b.....	10 00	Electrical Engineering 75.....	2 50
Chemistry 60a-60b (per semester)	12 50	Electrical Engineering 76.....	2 50
Chemistry 61a-61b (per semester)	6 00	Electrical Engineering 85.....	2 50
Chemistry 63.....	5 00	Electrical Engineering 86.....	2 50
Chemistry 74b.....	6 00	English (see Public Speaking)	
Chemistry 80a.....	6 25	Entomology 1.....	1 50
Chemistry 81b.....	6 25	Entomology 2.....	2 00
Chemistry 90a-90b (per lab. hr. per semester).....	2 50	Entomology 3.....	1 50
Chemistry 91b.....	3 00	Entomology 6.....	1 50
Chemistry 97a.....	12 50	Entomology 7a.....	2 00
Chemistry 102a-102b (per lab. hr. per semester).....	2 50	Entomology 7b.....	2 00
Chemistry 124b (per lab. hr.).....	2 50	Entomology 8a.....	1 50
Chemistry 126b (per lab. hr.).....	2 50	Entomology 8b.....	1 50
Chemistry 134 (per lab. hr.).....	2 50	Entomology 10a.....	2 00
Chemistry 152b (per lab. hr.).....	2 50	Entomology 10b.....	2 00
Chemistry 186a-186b (per lab. hr. per semester).....	2 50	Entomology 20.....	4 00
Chemistry 190a-190b (per lab. hr. per semester; maximum \$12 50)	2 50	Entomology 22.....	5 00
Civil Engineering 27.....	1 00	Entomology 31.....	1 50
Civil Engineering 28.....	1 00	Entomology 32a.....	1 50
Civil Engineering 30.....	1 00	Entomology 32b.....	1 50
Civil Engineering 31.....	1 00	Entomology 102.....	1 50
Civil Engineering 32.....	1 00	Entomology 107.....	1 50
Civil Engineering 34.....	1 00	Entomology 108.....	1 50
Civil Engineering 36.....	1 00	Entomology 109.....	1 50
Civil Engineering 51.....	1 50	Entomology 110.....	1 50
Civil Engineering 54.....	1 00	Farm Mechanics 1.....	2 50
Civil Engineering 55.....	1 50	Farm Mechanics 3.....	2 00
Civil Engineering 58.....	1 25	Farm Mechanics 20.....	1 50
Civil Engineering 62.....	1 50	Farm Mechanics 21.....	2 00
Civil Engineering 71.....	1 00	Farm Mechanics 28.....	2 50
		Farm Mechanics 51.....	8 00 ¹
		French 25.....	50

¹To be charged unless instructor certifies student is not using materials in his testing work.

G. E. D. 1.....	\$ 1 50	Journalism 5.....	\$ 2 00
G. E. D. 2.....	1 00	Journalism 6.....	2 00
G. E. D. 4.....	1 50	Journalism 9a.....	1 00
G. E. D. 6.....	1 50	Journalism 9b.....	1 00
Geology 1.....	1 00	Journalism 13.....	1 00
Geology 2b.....	1 00	Journalism 14.....	1 00
Geology 15.....	1 00	Law courses, for students of col-	
Geology 20.....	2 00	leges other than Law (per hr.)	1 00
Geology 22.....	1 00	Mechanical Engineering 23.....	1 50
Geology 43.....	1 00	Mechanical Engineering 31.....	1 00
Geology 44.....	1 00	Mechanical Engineering 61.....	3 00
Geology 47.....	1 50	Mechanical Engineering 62.....	1 50
Geology 48.....	2 50	Mechanical Engineering 64.....	4 50
Geology 49.....	2 50	Mechanical Engineering 65.....	4 50
Home Economics 1.....	5 50	Mechanical Engineering 85.....	4 00
Home Economics 5.....	4 00	Mechanical Engineering 87.....	4 00
Home Economics 6.....	5 50	Mechanical Engineering 88.....	4 00
Home Economics 7.....	3 00	Mechanical Engineering 89.....	4 00
Home Economics 11.....	1 00	Mining Engineering 9.....	2 50
Home Economics 14.....	16 00	Mining Engineering 10.....	2 00
Home Economics 33.....	3 00	Mining Engineering 18.....	4 50
Home Economics 35.....	5 00	Mining Engineering 61.....	1 00
Home Economics 41.....	10 00	Mining Engineering 62.....	1 00
Home Economics 43a.....	3 00	Mining Engineering 64.....	4 50
Home Economics 43b.....	3 00	Mining Engineering 69.....	7 50
Home Economics 44.....	4 00	Music (for each course in applied	
Home Economics 50.....	1 00	music numbers 42a to 95b in-	
Home Economics 51.....	3 00	clusive) taken by students not	
Home Economics 55.....	10 00	enrolled in School of Music....	25 00
Home Economics 102.....	10 00	Physical Education for Women	
Horticulture 1a.....	1 50	(Any course, charge once only	
Horticulture 1b.....	50	per person) (per semester)...	1 50
Horticulture 2.....	1 00	Physics 3a.....	3 00
Horticulture 3.....	2 00	Physics 3b.....	3 00
Horticulture 5.....	2 50	Physics 8a.....	3 00
Horticulture 7.....	3 50	Physics 8b.....	3 00
Horticulture 8a.....	2 00	Physics 10a.....	3 00
Horticulture 8b.....	2 00	Physics 10b.....	3 00
Horticulture 15a.....	2 00	Physics 15.....	1 50
Horticulture 15b.....	2 00	Physics 16.....	2 00
Horticulture 15c.....	2 00	Physics 17a.....	2 00
Horticulture 21a.....	2 00	Physics 17b.....	2 00
Horticulture 21b.....	2 00	Physics 22a.....	2 00
Horticulture 23a.....	2 00	Physics 22b.....	2 00
Horticulture 23b.....	2 00	Physics 27.....	1 50
Horticulture 25a.....	2 00	Physics 31a.....	3 00
Horticulture 25b.....	2 00	Physics 31b.....	3 00
Horticulture 26a.....	2 00	Physics 33.....	2 00
Horticulture 26b.....	2 00	Physics 44a.....	4 50
Horticulture 27a.....	2 00	Physics 44b.....	3 00
Horticulture 27b.....	2 00	Physics 46a.....	3 00
Horticulture 30.....	2 00	Physics 46b.....	3 00
Horticulture 32a.....	2 50	Physics 50.....	3 00
Horticulture 32b.....	2 50	Physics 51.....	3 00
Horticulture 33.....	2 00	Physics 52.....	3 00
Horticulture 34.....	2 00	Physics 53.....	3 00
Horticulture 49.....	2 00	Physics 57.....	3 00
Horticulture 51.....	3 50	Physics 98.....	3 00
Horticulture 53.....	1 50	Physiology 2.....	3 50
Human Anatomy 1.....	5 00		
Human Anatomy 2.....	5 00		

Physiology 4	3 50	T. & A. M. 26	1 50
Physiology 6	3 50	T. & A. M. 29	2 50
Physiology 7	3 50	Zoology 1	3 25
Physiology 9	3 50	Zoology 2	4 50
Physiology 102	3 50	Zoology 3	4 00
Physiology 103	3 50	Zoology 4	3 25
Psychology 3	1 00	Zoology 6	4 00
Psychology 4	1 00	Zoology 9 (per cr. hr.)	1 00
Public Speaking 11	5 00	Zoology 10	2 00
Railway Engineering 62	3 00	Zoology 11 (per cr. hr.)	1 00
Spanish 25	50	Zoology 16	1 00
T. & A. M. 10	1 50	Zoology 17	3 25
T. & A. M. 15	1 50	Zoology 18 (per cr. hr.)	1 00
T. & A. M. 16	1 00	Zoology 22	4 00
T. & A. M. 25	2 50	Zoology 23 (per cr. hr.)	1 00
		Zoology 63	4 00
		Zoology 66	4 00

On motion of Mr. Barr, these fees were authorized.

SPECIAL FEE FOR COURSE IN ANATOMY

(22) On recommendation of the Head of the Department of Anatomy and the Dean of the College of Medicine, the Provost and the Comptroller recommend that a special fee of \$100 a semester be charged for the material of the course "Anatomy 62," a special course in dissection, which may be shared by not more than two students.

I concur in this recommendation.

On motion of Dr. Noble, this fee was authorized.

GIFTS TO THE UNIVERSITY

(23) I report the following gifts:

Eli Lilly and Company of Indianapolis, manufacturers of pharmaceutical and biological products, have offered to renew the Lilly Research Fellowship in the College of Medicine for the academic year 1929-30. This fellowship amounts to \$1,800 a year and is for a study of allergy to secure information about such diseases as hay fever and asthma.

The General Electric Company has offered to donate to the Department of Electrical Engineering two 110-15,000 volt, single-phase transformers of low current capacity, valued at approximately \$40.

The American Society of Civil Engineers, which has contributed \$1,200 a year for the past three years for the employment of two Research Graduate Assistants on the Reinforced Concrete Arch Investigation, has offered to continue these assistantships for the year 1929-30, and has sent the University \$1,200 to cover the stipend.

Mr. A. B. Seymour of the Farlow Cryptogamic Herbarium, Harvard University, Cambridge, Massachusetts, has donated a number of centuries of Illinois plants, and more are to follow. Mr. E. R. Bogusch, formerly of the Witte Museum, San Antonio, Texas, and now Assistant in Taxonomy here, has presented to the Herbarium 1,500 specimens of Texas plants having a market value of approximately \$150.

Since all these gifts comply with the conditions of acceptance of gifts laid down by your authority I have authorized their acceptance.

This report was received for record.

WILLIS PRENTICE KIMBLE LOAN FUND

(24) Mrs. Willis Prentice Kimble, whose late husband was a member of the Class of 1879, has offered the President of the Board the sum of \$1,000 to be "Added to funds which are used in providing sums to be loaned to students who have need of money to help them in completing their University course."

Mrs. Kimble wishes loans to be made from this fund to members of the sophomore, junior, and senior classes, and not in excess of \$100 to any one individual.

I recommend that this offer be accepted and the thanks of the Board extended to Mrs. Kimble.

On motion of Mr. Simpson, these recommendations were adopted.

PORTRAIT OF PROFESSOR FREDERICK GREEN

(25) The faculty, alumni, and students of the College of Law offer the University a portrait of Professor Frederick Green, painted by Professor Charles E. Bradbury. A committee appointed by me to pass on the artistic quality of this portrait, as required by the rules of the Board, commends the portrait and recommends its acceptance.

I recommend that the portrait be accepted.

On motion of Mrs. Busey, this portrait was accepted.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(26) The following report from the Comptroller on contracts and purchase orders of \$1,000 or more executed since the last report was made to the Board.

CONTRACTS EXECUTED BY THE COMPTROLLER MAY 12, 1929, TO JUNE 6, 1929

Contracts executed under special authorization of the Board of Trustees in meeting, May 17, 1929.

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Western Brick Company	\$5 000	May 21, 1929	Cooperative investigation of concrete made with light aggregate
Western Fuel Company	\$6.00 net ton to August 1, 1929, and \$6.35 August 1, 1929, to May 1, 1930	June 1, 1929	Approximately 1,500 tons Pocahontas Mine Run Coal for Chicago Departments
F. L. Graves	Loss in yield to be paid by University	May 29, 1929	Experimental spraying in 9 acre peach orchard at Villa Ridge, Illinois
C. J. Thomas	Loss in yield to be paid by University	May 29, 1929	Experimental spraying on 1,200 peach trees at Carbondale, Illinois

Miscellaneous contract executed under general regulations:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Pathe Exchange, Inc.	\$220	May 3, 1929	Rental of 14 historical motion picture films for Summer Session

PURCHASE ORDERS ISSUED IN MAY AMOUNTING TO \$1000 OR MORE

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
General Chemical Stores	E. H. Sargent and Company	Chemical Apparatus	\$1864 34	Competitive
General Chemical Stores	Rascher and Betzold	Chemical Apparatus	2442 53	Competitive
General Chemical Stores	Schaar and Company	Chemical Apparatus	1625 38	Competitive
General Chemical Stores	Chicago Apparatus Company	Chemical Apparatus	1458 70	Competitive
Electrical Engineering	General Electric Company	Generator Sets	7292 00	Competitive
Electrical Engineering	General Electric Company	Testing Transformers	3000 00	Quoted
Physical Plant	Electric Coal Company	Coal	1600 00	Quoted ¹
Supervising Architect	Electrical Appliance Company	Condulets	1266 57	Competitive
Supervising Architect	Illinois Electric Company	Wire	1272 53	Competitive
General Chemical Stores	Henry Heil Chemical Company	Chemicals	1245 70	Competitive

General Chemical Stores	Mallinckrodt Chemical Works	Chemicals	\$2538 99	Competitive
Supervising Architect	Walrus Manufacturing Company	Tables	2279 32	Competitive ¹
Physics	Kelley-Koett Manufacturing Company	Transformers	1000 00	Quoted

¹Arranged by Mr. J. A. Morrow.
²Approved by Board of Trustees.

H. M. EDWARDS
Purchasing Agent

On motion of Dr. Noble, this report was received for record.

OFFER OF FUNDS FROM TRUSTEE OF MUTUAL BENEFIT HOSPITAL FUND

(27) The Trustee of the Mutual Benefit Hospital Fund, Dean Thomas Arkle Clark, offers \$4,500 from that fund for the purchase of equipment and supplies for the McKinley Hospital for the year 1929-30. This procedure is in accordance with the regulations of the Fund and I recommend that the offer be accepted.

On motion of Dr. Noble, this assignment of money was accepted.

LEAVE OF ABSENCE FOR MISS FLORENCE HARDING

(28) Director Windsor recommends that Miss Florence Harding, Librarian in charge of the Modern Language Seminar, be given leave of absence without pay for six weeks during the summer in order that she may go abroad.

I concur in this recommendation.

On motion of Mr. Barr, this leave was granted.

WORK ON ELECTRICAL LABORATORY

(29) A statement from the Supervising Architect that the contractor, A. W. Stoolman, on the Electrical Engineering Laboratory had not yet begun the work.

On motion of Dr. Noble, the President of the Board was directed to notify Mr. Stoolman that his bondsmen will be held responsible if this building is not ready for occupancy in September by reason of his delay in commencing the work.

LIGHTING FIXTURES FOR LIBRARY, LINCOLN HALL, AND MATERIALS TESTING LABORATORY

(30) At the May meeting, the Supervising Architect submitted bids received for lighting fixtures for the third unit of the Library, the Lincoln Hall addition, and the Materials Testing Laboratory (Minutes, page 192), but made no recommendation for the award of contracts except for the Library Addition, which contract was awarded to the Hughes-Krabbe Company of Champaign on the basis of their low bid of \$886.

He now recommends that the contract for lighting fixtures for the other two buildings be awarded to the General Electric Supply Corporation of Chicago on the basis of their low bid in each case, viz.,

For the Addition to Lincoln Hall.....\$1 195 89
 For the Materials Testing Laboratory..... 1 953 80

I concur in this recommendation.

On motion of Mr. Barr, these contracts were awarded to the lowest bidders, as recommended.

CONTRACT FOR CLASSROOM CHAIRS FOR LINCOLN HALL ADDITION

(31) The Supervising Architect submits the following bids received for 840 classroom chairs for the Lincoln Hall Addition:

American Seating Co.....\$4 620 00
 Baird-Swannell, Inc..... 4 788 00

and recommends that the order be placed with the American Seating Company, the lower bidder.

I concur.

On motion of Mrs. Grigsby, this contract was awarded to the lower bidder as recommended.

RENTAL OF LINCOLN AVENUE HOUSE AND SALE OF FURNITURE TO THE WOMAN'S LEAGUE

(32) The Supervising Architect submits a recommendation, in which the Dean of Women and the Comptroller concur, that the monthly rental charge to the Woman's League for the so-called Beta House, the cooperative house at 901 South Lincoln Avenue, be increased from \$80 to \$125, or \$1,500 for the year, beginning September 1, 1929; and that the furniture in the house be sold to the Woman's League for \$2,000. I recommend approval.

On motion of Mrs. Busey, these recommendations were concurred in.

BUILDING CONTRACTS WITHOUT BONDS

(33) In accordance with the instructions of the Board at its last meeting, I requested the opinion of our Legal Counsel as to the power of the Board to let building contracts without bonds. Following is his reply:

May 29, 1929

President David Kinley, 355 Administration (West)

MY DEAR PRESIDENT KINLEY:

Answering your letter of May 23, in which you inquire concerning the power of the Board of Trustees to let building contracts without bonds, I have to advise that I have carefully examined the statutes of Illinois without finding any provision anywhere requiring the Board to take bond from persons contracting to erect public buildings. I take it that the policy of taking bonds in such cases, in the case of municipalities and of certain types of state contracts, is fairly established by law as well as by custom and practice. Whether to require bond when University buildings are constructed or repaired seems to be left to the sound discretion of the Board of Trustees. I believe this answers the question.

Yours very truly,

SVEINBJORN JOHNSON
Legal Counsel

This report was received for record.

PROPOSED RENEWAL OF INVESTMENT

(34) The following letter from the Comptroller explains itself:

June 10, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

Among our trust fund investments is included a first mortgage on real estate in Franklin County to M. M. Hart, as per Minutes of the Board of Trustees, September 20, 1928. This loan matures June 16, 1929. Mr. Hart has requested that it be renewed for five years on the same terms as at present, as per the enclosed letter. Mr. A. M. Burke recommends that this extension be made. I also recommend accordingly and request that I be authorized to make the necessary arrangements for the extension of this loan.

This loan is a first mortgage on 339 acres of land adjoining the corporate limits of the city of Benton and pays interest at the rate of 7 per cent per annum.

Cordially yours,

LLOYD MOREY
Comptroller

On motion of Mr. Barr, this matter was referred to the Finance Committee, with power to act.

On motion of Mrs. Busey, the President of the Board was designated to act as chairman of the Finance Committee during the absence of Mr. Trees.

FEES PAID BY MR. V. E. LANDWEHR

(35) A letter from Mr. E. D. Landwehr concerning a possible refund of fees paid by his son, who failed in his studies after a full year's attendance in the School of Pharmacy.

The President read a letter which he had written Mr. Landwehr explaining that no refund could be made under the University rules and explaining why.

On motion of Mr. Barr, the President of the University was instructed to inform Mr. Landwehr that the statement made to him by the President was in accordance with the rules and that no refund of fees could be made in this case.

ARCHITECTS FOR CHICAGO BUILDINGS

(36) A statement concerning the employment of architects for the new buildings in Chicago.

Mrs. Evans offered a motion that Schmidt, Garden, & Erikson be employed as architects for these buildings.

Mrs. Busey offered a substitute motion that the matter be referred to the Committee on Buildings and Grounds, for consideration and report at the next meeting. The substitute motion was adopted.

LICENSE FOR KUNZ PHOTO-ELECTRIC CELL

Mr. Fisher presented the following report:

The committee appointed May 17, 1929, on the license of the Kunz photo-electric cell patent to DeForest Phonofilms, Inc., recommends that steps be taken to develop by correspondence the matter of a possible license to the clients of Knight Bros. subject to the license to DeForest Phonofilms, Inc.

WALTER T. FISHER
GEORGE A. BARR

On motion of Mr. Fisher, this report was adopted.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented for record a list of appointments made by the President of the University.

Aaronson, Abe L., Assistant in Physiological Chemistry, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, on one-eighth time, beginning June 1, 1929, and continuing until September 1, 1930, without salary. (May 29, 1929)¹

Douglass, Oliver T., Assistant in Animal Pathology, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for three months beginning June 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (May 14, 1929)

Hanson, Leona Josephine, Switchboard Operator and Clerk, in the Purchasing Office, in the Chicago Departments, for four months beginning May 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (May 14, 1929)

Hecht, Rudolph, Technician in Chemistry, in the Department of Pediatrics, in the College of Medicine, for three months beginning June 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (June 6, 1929)

Huffman, Grace, Stenographer in the Order Department of the Library, beginning June 15, and continuing until August 31, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (June 5, 1929)

Kraines, Samuel H., Hospital Serologist in the Hospital Laboratory, in the College of Medicine, for three months beginning June 1, 1929, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (June 6, 1929)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Lyman, Mrs. George Richard, Director of Social Activities in the Woman's Residence Hall, for two months beginning June 14, 1929, at a cash compensation at the rate of sixty-five dollars (\$65) a month, plus maintenance (including living quarters, board, and personal laundry while on duty). (June 8, 1929)

Marshall, Alex George, Assistant in Medicine, in the Department of Internal Medicine, in the College of Medicine, for three months beginning June 1, 1929, without salary. (June 5, 1929)

Powers, George Henry, Assistant Mechanician for research work in Electrical Engineering, in the Engineering Experiment Station, in the College of Engineering, for three months beginning June 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred eight dollars thirty-three cents (\$108.33) per month. (June 5, 1929)

Weinberg, Abraham Joseph, Instructor in Internal Medicine, in the College of Medicine, for three months beginning June 1, 1929, without salary. (June 5, 1929)

The Board adjourned, to meet at the call of the President.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

July 17, 1929



The July meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9:30 a.m. on Wednesday, July 17, 1929.

The following members were present: President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson.
President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of May 17 and June 11, 1929.

On motion of Dr. Noble, the minutes were approved as printed on pages 169 to 257 above.

EXECUTIVE COMMITTEE MEETING, JUNE 28, 1929

The Secretary presented the minutes of a meeting of the Executive Committee.

On motion of Dr. Noble, these minutes were received for record.

A meeting of the Executive Committee of the Board of Trustees was held at the office of George A. Barr in Joliet, June 28, 1929, at 10:30 a.m.

Present: President Armstrong, Mr. Barr, and Professor James M. White, Supervising Architect, who presented the following matters on behalf of President Kinley.

EMPLOYMENT OF L. H. STRUBINGER

(1) In accordance with the policy adopted by the Board of Trustees on June 29, 1928 (page 751), extending compensation for accidents to certain members of the faculty provided that work which is considered extra-hazardous must be previously approved as necessary, Dean Mumford requests authority for Mr. L. H. Strubinger, Assistant in Olericulture and Assistant in the Department of Horticulture, to assist in the studies of fruit handling and shipping. It will require his riding on freight trains, being about railroad yards, and riding inside of refrigerator cars for short distances. He will assist Mr. H. M. Newell, who was authorized at the May meeting of the Board to work under these conditions.

President Kinley recommends that this work be recognized as being extra-hazardous but necessary to the studies which are being carried on and that Mr. Strubinger be authorized to engage in it under the conditions mentioned.

On motion of Mr. Barr, this recommendation was approved.

APPROPRIATION FOR BENEFICIARY OF W. A. CUMMINS

(2) Professor White reports that Mr. W. A. Cummins, painter foreman in the Physical Plant Division, died on June 11, 1929. He had been employed since November 1, 1916, and his salary during the past year was \$2,700 per year. Under the rules the amount of death benefit accrued in his case was 50 per cent or \$1,350.

The Comptroller recommends, and the President concurs, that an appropriation of \$1,350 be made from the Reserve and Contingent fund to pay this death benefit and that the Comptroller be authorized to make payment to Mr. Cummins's designated beneficiary, Mrs. Lucy Cummins.

Mr. Barr moved that the recommendation be concurred in and that an appropriation of \$1,350 be made for the purpose requested. Mr. Barr and Mr. Armstrong voted aye on this motion.

RENEWAL OF STADIUM INSURANCE

(3) The Comptroller requests authority to renew the insurance on the Stadium and an appropriation of \$1,440 for the purpose. The insurance will be renewed in the same companies and at the same rate as for the present policies.

Mr. Barr moved that the insurance be renewed and that an appropriation of \$1,440 be made for the payment of premiums. Mr. Armstrong and Mr. Barr both voted aye.

OPERA CHAIRS FOR LECTURE ROOM IN LINCOLN HALL ADDITION

(4) The Supervising Architect presented the following schedule of bids which had been obtained by the Purchasing Agent for 703 upholstered opera chairs in the lecture room in Lincoln Hall Addition:

Steel Furniture Co., Grand Rapids, Mich.....	\$5 501 70 installed
Heywood-Wakefield Co., Chicago, Ill.....	5 853 73 installed
American Seating Co., Chicago, Ill.	6 043 00 installed

On advice of the Purchasing Agent, the Comptroller and the Supervising Architect recommend that the contract for these chairs be awarded to the Steel Furniture Company of Grand Rapids, Michigan, who are the lowest bidders, at their bid of \$5,501.70, payable from the State appropriation. The President concurs.

On motion of Mr. Barr this contract was awarded to the lowest bidder as recommended.

PATENT OF TEST FOR MEASURING PHOSPHATE CONTENT OF SOILS

(5) The Department of Agronomy has developed a new test for measuring the phosphorus content of soils. Professor Burlison and Dean Mumford are of the opinion that the public should be protected by the patenting of this test.

The entering of the patent claims will establish the date of priority and will hold any patent features for two years in the Patent Office and they could then be allowed to lapse and be revived for one year, so that filing of such claims would provide for three years of protection, which would give sufficient time to determine the advisability of further procedure. The cost of filing claims plus attorney's fees for the preparation of the application would be about \$50.

President Kinley recommends that Professor Burlison be authorized to file application for patent, the same to be assigned to the University.

On motion of Mr. Barr, this motion was adopted.

CONTRACT FOR SIDEWALKS AND DRIVEWAY FOR LINCOLN HALL ADDITION

(6) The Supervising Architect presents the following schedule of bids for sidewalks and driveway for Lincoln Hall Addition:

<i>Bidders</i>	<i>Lincoln Hall Walks and Drive</i>
F. A. Somers	\$1 322 78
Kent and Company	1 350 00
Sowers and Corkery	1 400 00
King and Petry	1 600 00
J. H. Hunzinger and Company	1 675 00

The Supervising Architect recommends, with the President's concurrence, that the contract be awarded to F. A. Somers of Urbana, the lowest bidder, at his bid of \$1,322.78, payable from the State appropriation.

On motion of Mr. Barr, this contract was awarded to the lowest bidder as recommended.

BIDS ON ELECTRICAL SWITCHBOARD FOR LINCOLN HALL ADDITION

(7) The Supervising Architect presents the following bids for the electrical switchboard for the Lincoln Hall lecture room:

Wurdack Electric Company	\$6,500 less 5% for cash—10 days
Frank Adam Electric Company	8,300—5% in 10 days

He states that these bids are from two firms whom he selected to bid on this work and whose bids, as nearly as he can tell, are on the basis of the specifications.

The Supervising Architect recommends, and President Kinley concurs, that the contract be awarded to the Wurdack Electric Manufacturing Company of St. Louis, the lower bidder, on the basis of their bid of \$6,500, less five per cent (5%) for cash in ten days, payable from State appropriation.

On motion of Mr. Barr, this contract was awarded to the lower bidder as recommended.

CONTRACT FOR MUSEUM CASES FOR LINCOLN HALL ADDITION

(8) The Supervising Architect submits the following schedule of bids on museum cases for Lincoln Hall:

1. Wahlfeld Manufacturing Company	\$7 465 00
2. Walrus Manufacturing Company	7 629 40
3. Jorgeson and Company	9 090 00

He recommends that the contract be awarded to the Wahlfeld Manufacturing Company of Peoria, the lowest bidder, on the basis of their bid of \$7,465.00, payable from the State appropriation for the building. President Kinley concurs in this recommendation.

On motion of Mr. Barr, the contract was awarded to the lowest bidder as recommended.

**CONTRACT FOR STAGE EQUIPMENT IN LECTURE ROOM OF
LINCOLN HALL ADDITION**

(9) The Supervising Architect submits the following schedule of bids for stage equipment in the lecture room of the Lincoln Hall Addition:

	<i>As Specified</i>	<i>With Specified Alternate</i>
Sosman & Landis.....	\$4 478 plus 485 ¹ —\$4 963	\$5 503 plus 485 ¹ —\$5 988
Civic Opera Shops.....	4 575 plus 200 ¹ —\$4 775	6 719 plus 200 ¹ —\$6 919
Acme Scenic Studios.....	5 566	6 149
Twin City Company.....	4 356	5 397
Volland Studios.....	4 300	5 484
National Theatre Supply.....	5 670	6 562 19

He recommends that the contract be awarded to the Volland Scenic Studios of St. Louis, Missouri, on their bid which, with their alternate bid on the rigging, amounts to \$5,484. This bid is \$87 above the Twin City Company's bid which, however, did not fully comply with the specifications, as in certain cases the Twin City Company reduced the dimensions specified for curtains so that the Volland Scenic Studios may be considered to be the lowest bidders. The President concurs in this recommendation.

On motion of Mr. Barr, this contract was awarded as recommended.

**CONTRACT FOR STAGE LIGHTING EQUIPMENT IN LECTURE
ROOM OF LINCOLN HALL ADDITION**

(10) The Supervising Architect submits the following schedule of bids on the stage lighting equipment in the lecture room of Lincoln Hall Addition:

	<i>As Specified</i>	<i>With Specified Alternate</i>
Sosman & Landis.....	\$1 099 00 plus 175 ² —\$1 274	\$1 341 00 plus 175 ² —\$1 516
Major Equipment Company.....	1 547 42	2 074 50
Hub Electric Company.....	1 430 14	1 757 89
National Theatre Supply Company....	1 591 10	1 724 14
Belson Manufacturing Company.....	1 444 37	1 567 03

He recommends that the contract be awarded to the Belson Manufacturing Company of Chicago, the lowest bidder, on the basis of their bid of \$1,567.03, payable from the State appropriation. President Kinley concurs in this recommendation.

On motion of Mr. Barr, this contract was awarded to the lowest bidder as recommended.

**EXPENDITURE FOR MUSEUM CASES FOR LINCOLN HALL
ADDITION**

(11) The following recommendation from the Supervising Architect:

"I recommend that whatever free balance there may be in the appropriation for the Addition to Lincoln Hall be spent for museum specimens, to be selected from the accompanying lists submitted by Professor Neil C. Brooks and Mr. H. N. Couch. But in the event that you do not consider that these funds may be used for this purpose, then I recommend that we increase the order for museum furniture to take up the balance."

President Kinley approves the expenditure for museum cases, but not for material.

On motion of Mr. Barr, the expenditure of the free balance in the appropriation for Lincoln Hall Addition for museum cases was approved.

¹Amount added for delivery and installation.

²\$175.00 added for cables.

ADDITIONS TO CONTRACT FOR GENERAL WORK ON LINCOLN HALL ADDITION

(12) The Supervising Architect requests approval of the following additions to J. H. Hunzinger's contract for the general work on the Lincoln Hall Addition:

Additional plastering on the fourth floor	\$4 900 00
Construct three additional dormers as per architect's drawings— sheets 58 and 59	2 275 00
Additional ornamental plaster in Lincoln Hall lecture room	4 900 00
Insulite mastic flooring 1/8" in thickness on approximately 12,440 sq. ft. of museum floors in Lincoln Hall in accordance with proposal of Insulite Chemical Company	2 350 95
Install sound-absorbent on ceiling of lecture hall—2900 sq. ft. @ .70	2 030 00
Painting of lecture hall, approximate areas: 1066 sq. yds. flat surface; 415 sq. yds. ornamental surface; 270 sq. yds. acoustical surface tinted	2 000 00
General painting of rooms in old part of Lincoln Hall which were necessarily damaged by new construction work	1 900 00

Total Additions \$20 350 95

He states that either competitive bids were obtained for this additional work, or other figures were obtained in order to check Mr. Hunzinger's proposals to do this work as additions to his contract.

President Kinley states that these proposals appear to be proper and advisable and that he concurs in the Supervising Architect's request that these additions be approved.

On motion of Mr. Barr, these additions were approved.

LIGHTNING RODS FOR LINCOLN HALL ADDITION AND MATERIALS TESTING LABORATORY

(13) The Supervising Architect submits the following schedule of bids for lightning rods on Lincoln Hall Addition and the Materials Testing Laboratory:

	<i>Lincoln Hall Addition</i>	<i>Materials Testing Laboratory</i>
J. L. Oakes	\$ 862 25	\$1 477 88
St. Louis Lightning Rod Company	722 00	1 272 00
Wipke Lightning Rod Company	713 15	1 590 55
		1 329 55
Miller Lightning Rod Company	1 347 00	1 771 00

He recommends that contracts be awarded to the lowest bidders who, in the case of Lincoln Hall Addition, are the Wipke Lightning Rod Company of Kirkwood, Mo., at their bid of \$713.15, and in the case of the Materials Testing Laboratory are the St. Louis Lightning Rod Company at their bid of \$1,272. President Kinley concurs in this recommendation.

On motion of Mr. Barr, these contracts were awarded to the lowest bidder in each case, as recommended.

PUMPS FOR MATERIALS TESTING LABORATORY

(14) The Supervising Architect presented the following schedule of bids which had been obtained by the Purchasing Agent for pumps for Materials Testing Laboratory:

	<i>Chicago Pump Company, Chicago</i>	<i>Allis Chalmers Manufacturing Company, Chicago</i>	<i>American Well Works, Chicago</i>	<i>Aurora Pump Company, Aurora</i>
1 13,500-gallon capacity		\$4 708	\$5 540	
2 2,000-gallon capacity		1 168	1 730	\$2 040
2 1,000-gallon capacity	\$1 312	1 082	1 075	1 286
1 500-gallon capacity	656		492	541

The Purchasing Agent recommends, and the Supervising Architect and President Kinley concur in his recommendation, that the order for the first two items be placed with the Allis Chalmers Manufacturing Company at a total cost of \$5,876 and for the last two items with the American Well Works at a total cost of \$1,567, all payable from the State appropriation.

On motion of Mr. Barr the orders for these pumps were placed with the two companies as recommended.

The Executive Committee adjourned.

J. W. ARMSTRONG, *Chairman*
GEORGE A. BARR

ARCHITECTS FOR CHICAGO BUILDINGS

Mrs. Grigsby, for the Committee on Buildings and Grounds, presented the following report:

The Committee on Buildings and Grounds to which was referred the matter of selecting an architect for the Chicago medical building reports as follows:

The Committee held two meetings and gave the matter full consideration. We recommend the employment of Granger & Bollenbacher as architects for this building on a basis of 6 per cent commission for their services to include full architectural service.

GEORGE A. BARR, *Chairman*
HELEN M. GRIGSBY
W. L. NOBLE
F. H. SIMPSON

On motion of Mr. Simpson, this report was adopted.

On motion of Mrs. Busey, the employment of Granger & Bollenbacher was authorized as recommended.

RENEWAL OF LOAN TO MR. M. M. HART

President Armstrong, for the Finance Committee, reported that final arrangements for the renewal of the loan to Mr. M. M. Hart of Benton (Minutes, June 11, 1929, page 255) had not been completed.

On motion of Dr. Noble, the Finance Committee was authorized and directed to extend the loan made to Mr. M. M. Hart, for \$15,000 due June 16, 1929 (Board Minutes, September 20, 1928, page 4), five years from date of maturity, or until June 16, 1934, on the following conditions:

1. That the payment of the loan be guaranteed by Judge W. H. Hart.
2. That \$500 of the principal (with interest) be paid by August 15, 1929.
3. That \$500 of the principal be paid yearly, besides the interest, to be paid by the last interest date each year.
4. That \$2,500 in addition to the \$500 annual payment, besides the interest, be paid on the principal on or before December 15, 1932.

LANDSCAPING THE CAMPUS

Mrs. Grigsby, for the special committee on landscaping the campus, to which Mr. Vitale's report was referred, made a report of progress.

McKINLEY HOSPITAL

Dr. Noble, for the special committee on the McKinley Hospital, made a report of progress.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

DEATH OF MR. FREDERIC L. HATCH

(1) Announcement of the death of Mr. Frederic L. Hatch, at Spring Grove, on July 7, 1929.

On motion of Mrs. Busey, the following resolution was adopted:

IN MEMORY OF FREDERIC LEWIS HATCH

WHEREAS, the late Honorable Frederic Lewis Hatch was a member of the Board of Trustees of the University of Illinois from 1899 to 1905, and from 1907 to 1913, and also President of the Board from 1903 to 1905, and

WHEREAS, in his death on July 7 the Board of Trustees lost an honored colleague, and the University a distinguished alumnus and friend,

THEREFORE BE IT RESOLVED that the Board of Trustees of the University of Illinois hereby expresses to his family its heartfelt sympathy, and that this testimony of its appreciation and sorrow be spread on the Minutes and a copy sent to his widow and the surviving members of his family.

C. P. A. CERTIFICATES

(2) The Committee on Accountancy recommends that the following candidates, who are certified by the Board of Examiners in Accountancy as having passed the May, 1929, examination, be awarded C. P. A. certificates.

CLARENCE A ALVERSON
HENRY BAULING
SOLIS ALEXANDER BELL
CLARENCE A BICKEL
EDWARD CLARENCE FRIEDEL
JOSEPH NEVERN GOULD
BERNHART HAUGEN
EDMUND JAMES HAUGH
RALPH SAMUEL JACOBS
AUGUST LUDWIG KNOLLMULLER
EUGENE KUHN
CLARENCE OZRO MELOY
KERMIT NEUMAN

NORBERT ANDREW PEETERS
ROBERT O PETERSON
MYRON PLOTKIN
ROSCOE ANTHONY PRATER
ALMA ELIZABETH RASMUSSEN
GORDON B ROCKAFELLOW
OSCAR SCHAEFER
ROBERT BARRY SCOTT
S WALTER SCOTT
HAROLD B SELIGMAN
HERMAN E WARD
JOHN OLIVER YEASTING
ROYAL WILLIAM FREDERICH ZIM-
MERMAN

I concur in this recommendation.

On motion of Mrs. Grigsby, these certificates were awarded.

LEAVE OF ABSENCE FOR MR. H. L. GILL

(3) Director George Huff recommends that Mr. Harry L. Gill, Associate in Physical Education and Athletic Coaching, and track coach, be given leave of absence on half pay during the year 1929-30, although, under the rules, he is not eligible since he does not hold professorial rank.

On motion of Dr. Noble, Mr. Gill was given leave of absence without pay for the year beginning September 1, 1929.

APPOINTMENT OF FRANCIS W. LOOMIS AS PROFESSOR AND HEAD OF THE DEPARTMENT OF PHYSICS

(4) In accordance with the authority given me at the meeting of the Board on May 17, 1929 (page 178), I have appointed Professor Francis W. Loomis, of New York University, to the position of Professor and Head of the Department of Physics, at a salary of \$7,000 a year.

On motion of Mrs. Grigsby, this action was confirmed.

APPOINTMENT OF PROFESSOR ROBERT DANIEL CARMICHAEL AS HEAD OF THE DEPARTMENT OF MATHEMATICS

(5) Dean Babcock recommends, and I concur, that Professor Robert Daniel Carmichael be appointed Head of the Department of Mathematics at a salary of \$8,000 a year, effective September 1, 1929.

On motion of Dr. Noble, this appointment was made.

APPOINTMENT OF DR. F. P. REAGAN AS ASSOCIATE PROFESSOR OF ANATOMY

(6) Dean Davis and Professor Kampmeier recommend that Dr. Franklin Pearce Reagan, of Indiana University, be appointed Associate Professor of Anatomy in the College of Medicine, at a salary of \$5,250 a year.

I concur in this recommendation.

On motion of Mrs. Evans, this appointment was made.

APPOINTMENT OF DR. ALLAN G. BRODIE

(7) Dean Noyes requests that Dr. Allan G. Brodie of Newark, New Jersey, be appointed Professor of Orthodontia, on one-half time, at a yearly salary of \$4,500, for one year beginning September 1, 1929.

On motion of Dr. Noble, this appointment was made.

APPOINTMENT OF DR. JOHN W. ALBIG AS ASSISTANT PROFESSOR OF SOCIOLOGY

(8) Dean Babcock recommends that Dr. John W. Albig, Instructor in Sociology at the University of Michigan, be appointed Assistant Professor of Sociology for two years from September 1, 1929, at a salary of \$3,000 a year.

On motion of Mr. Simpson, this appointment was made.

APPOINTMENT OF DR. FREDERICK STANLEY RODKEY AS ASSOCIATE PROFESSOR OF HISTORY

(9) Dean Babcock and Professor Larson recommend that Dr. Frederick Stanley Rodkey of Miami University be appointed Associate Professor of History on indefinite tenure, beginning September 1, 1929, at a salary of \$3,700 a year.

On motion of Mrs. Grigsby, this appointment was made.

EXTENSION FORESTER IN THE COLLEGE OF AGRICULTURE

(10) Dean Mumford informs me that under the federal law providing for the appointment of an extension forester, the appointee to that position in each State is required to act under the supervision of the Director of Extension of the College of Agriculture

of the State. I am of the opinion that authority should be given to Director Mumford by your Board to exercise this supervision, and therefore request that such authority be given him.

On motion of Dr. Noble, this authority was granted.

CHANGES IN REQUIREMENTS FOR DEGREE IN LIBRARY SCIENCE

(11) The Council of Administration, acting for the University Senate, recommends the following changes in the requirements for the degree of Bachelor of Science in Library Science:

1. That Library 30 (library practice), a three-hour course, be discontinued.
2. That Library 16 (a course in order and accessions), Library 3b (selection of books), and Library 31b (cataloguing) all be changed from two-hour to three-hour courses.
3. That Library 17 (classification) be reduced from a three-hour to a two-hour course.

On motion of Mrs. Grigsby, these requirements were adopted.

CHANGES IN REQUIREMENTS FOR DEGREE IN AGRICULTURE

(12) The Council of Administration, acting for the University Senate, recommends the following changes in the requirements for graduation in the College of Agriculture:

1. That the requirement of Horticulture 39a-39b (Special Lectures in Landscape Architecture) be discontinued.
2. That Botany 8 (Plant Ecology, three hours) be required in Landscape Architecture.
3. That Chemistry 24 (Quantitative Analysis, five hours) be substituted for Chemistry 22 (Quantitative Analysis, three hours).
4. That two semesters of English literature be required in the curricula in Home Economics instead of the present set requirement of English 1 and 2 (Survey of English Literature, 8 hours).

On motion of Mr. Simpson, these requirements were adopted.

FEE FOR GRADUATE COURSE IN ORTHODONTIA

(13) The Dean of the College of Dentistry recommends, and the Provost and the Comptroller concur, that a special tuition fee of \$600 be charged for a graduate course in orthodontia which will cover a full calendar year, for the training of those who wish to practice orthodontia as a specialty.

I concur in this recommendation.

On motion of Mrs. Busey, this fee was authorized.

LIVING QUARTERS OF STUDENTS

(14) The Council of Administration recommends adoption of the following regulation concerning living quarters of students:

No unmarried undergraduate student may occupy living quarters in which there does not reside some person in general charge approved by the University.

On motion of Mrs. Evans, this rule was adopted.

COOPERATIVE INVESTIGATION OF EFFECT OF GAS HEATING ON FLUE PIPING AND CHIMNEYS

(15) The Dean of the College of Engineering recommends approval of an agreement with the Utilities Research Commission for a cooperative investigation of the Effect of Combustion Products of Gas Heating on Flue Piping and Chimneys, to be carried on by the Engineering Experiment Station. The agreement is drawn for a period of one year beginning July 1, 1929, and the Utilities Research Commission agrees to pay \$7,500 in quarterly installments to cover the expenses of this investigation.

The agreement is of the form and character of similar agreements hitherto approved by the Board and since it was desired to begin work July 1, I authorized the Comptroller and Secretary to execute it for the University.

On motion of Dr. Noble, this action was confirmed.

INTERNATIONAL ASSOCIATION OF MILK DEALERS RESEARCH ASSISTANTSHIP IN DAIRY HUSBANDRY

(16) The International Association of Milk Dealers has offered to establish a research assistantship in Dairy Husbandry for a two-year study by the Agricultural Experiment Station of factors affecting the marketability of fluid milk. Dean Mumford and Professor Ruehe recommend acceptance of this offer and approval of a cooperative agreement for the establishment of this assistantship and the study.

This agreement is drawn for a period of two years, beginning September 1, 1929, and the Association agrees to pay \$1,200 per year for the expenses of the investigation. The agreement is of the form and character of agreements hitherto authorized by the Board for such investigations.

Dean Mumford recommends approval.

On motion of Mrs. Evans, this agreement was approved.

CONTRACT FOR MILITARY UNIFORMS

(17) The Comptroller submits the following proposals secured by the Purchasing Agent for uniforms for students in the advanced course of the R. O. T. C. for the year 1929-30:

Associated Military Stores, Chicago.....	\$29 75
Craddock Company, Kansas City.....	29 65
Jacob Reed's Sons, Philadelphia.....	27 75
Hirsch, Weintraub & Company, Philadelphia.....	29 50
DeMoulin Bros. Company, Greenville, Ill.....	29 55
The Lilley Company, Columbus, Ohio.....	27 20
Clayton Uniform Company, Chicago.....	29 90

Each proposal was accompanied with a sample uniform to show style and tailoring.

The Purchasing Agent and the Commandant both recommend, and the Comptroller concurs, that the contract be awarded to the Associated Military Stores of Chicago on the basis of their bid of \$29.75 per uniform. While this bid is not the lowest, our people believe that the workmanship and style of uniforms submitted by this firm are superior to those submitted by the other bidders.

I concur in this recommendation and recommend that the Comptroller and the Secretary of the Board be authorized to conclude a contract with the Associated Military Stores for the purchase of uniforms at \$29.75 per uniform.

On motion of Mr. Simpson, this contract was authorized.

CONTRACT FOR PRINTING AND BINDING OF ALUMNI DIRECTORY

(18) On February 14, 1928 (Minutes, page 555), the President of the University was directed to take the necessary steps to publish the Alumni Directory and an appropriation of \$15,000 was made for this purpose, which has been supplemented by an appropriation of \$2,400, made June 11, 1929.

In accordance with these instructions, I authorized the Comptroller and Purchasing Agent to secure proposals for the printing and binding of this Directory. The lowest proposal for this work was made by the Illinois Printing Company of Danville, their total price being estimated at \$7,934 for printing and binding 4,000 copies. This total is based on unit prices (i.e., prices per page for composition, per form for lock up, press work, ink, stock handling, binding, wrapping for mailing including cartons) as applied to specifications furnished by us. It does not include paper or alterations. The paper will cost approximately \$1,100 but there is no basis for estimating the cost of alterations. This stated total price is subject to change, depending on the extent of the alterations and the final number of pages, but, based on unit prices, it is the lowest proposal.

Since the printer and the editor desired to get the work started by July 1, I authorized the Comptroller and the Secretary of the Board to conclude a contract with this firm for the work on the basis of the price stated.

On motion of Mrs. Grigsby, this action was confirmed.

**CONTRACT FOR WRIGHT STREET AND BURRILL AVENUE
SIDEWALKS**

(19) The Supervising Architect submits the following bids received on sidewalks for the west side of Burrill Avenue from Green Street to Springfield Avenue and along the east side of Wright Street from Green Street to Springfield Avenue:

BIDS RECEIVED—JUNE 25, 1929

<i>Bidders</i>	<i>Bids</i>
Kent & Company, Champaign.....	\$3 530 00
King & Petry, Champaign.....	4 345 00
F. A. Somers Company, Inc., Urbana.....	4 644 99
Sowers & Corkery, Urbana.....	4 700 00

He recommends that the contract be awarded to King & Petry of Champaign at their bid of \$4,345, this being, all things considered, the most favorable to the University.

I concur in this recommendation.

On motion of Mr. Simpson, this contract was awarded to King & Petry as recommended.

INTERIOR DECORATING IN THE MCKINLEY HOSPITAL

(20) At the request of Dean T. A. Clark, I authorized the Supervising Architect to do certain renovating of painting, decorating, etc., at the McKinley Hospital, at a cost not to exceed \$1,000, to be paid from his maintenance appropriation.

This report was received for record.

CANADIAN PATENTS ON DISCOVERIES AND INVENTIONS

(21) At its meeting on June 11, the Board voted to release to the inventors and discoverers the foreign rights on the treatment of sewage and the prevention of embrittlement, with the exception of Canadian patents. No action was taken, however, with reference to the filing of applications by the University for Canadian patents. I asked our patent attorneys, Messrs. Brown, Jackson, Boettcher, & Dienner, for information on the probable cost of taking out patents in Canada on various cases. They inform me that applications for all foreign patents should be made before the American patent is issued, and, in order to preserve the benefit of the American filing date, should in each case be made within one year of the date of filing in the United States. They report that it is too late to make application for the Kunz cell in Canada but quote the probable cost of filing applications in Canada on the following cases which are still pending:

Hugh A. Brown Case 2, U. S. Serial No. 40725—Radio Broadcasting.....	\$127
Arthur M. Buswell Case 1, U. S. Serial No. 361602—Sewage Treatment.....	92
Buswell and Neave Case 1, U. S. Serial No. 361570—Sewage Treatment.....	92
Parr and Straub Case 1, U. S. Serial No. 366085—Prevention of Embrittlement	92

On advice of Professor White and others, I recommend that application for patents in Canada be filed by Hugh A. Brown on his Case 2 (U. S. Serial No. 40725) (Radio Broadcasting) and by Messrs. Parr and Straub on their Case 1 (U. S. Serial No. 366085) (Prevention of Embrittlement), these Canadian patents to be assigned to the University when granted; and that the Canadian patent rights on the other two cases be released to Messrs. Buswell and Neave.

On motion of Dr. Noble, this recommendation was adopted.

APPROPRIATION FOR NEW BUILDINGS

(22) On request of the Supervising Architect, I recommend that the funds appropriated by the Fifty-sixth General Assembly for new buildings and other permanent improvements for the biennium 1929-31 be appropriated as follows:

Medical and Dental Laboratories and Equipment (in Chicago)	\$1 500 000
Chemistry Annex.....	335 000
Woman's Gymnasium.....	300 000

Addition to Power Plant (Boiler House addition and equipment, new deep well, and filtration plant) . . . \$	250 000
Agricultural Buildings and Equipment (Completion of Cattle Feeding Plant and Agronomy Seed House)	115 000

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emerson, Mr. Fisher, Mr. Trees.

INSURANCE ON CHICAGO PROPERTIES

(23) On report from the Comptroller that fire insurance amounting to \$30,000 on the Medical Building and contents, and \$6,000 on the Pharmacy Building and contents was due to expire on July 16, 1929 (before the date of this meeting), I consulted the President of the Board concerning the renewal of this insurance. The Comptroller had submitted the following bids which he had secured on a renewal for three years (to make the insurance expire at approximately the same date as other insurance on the Chicago properties):

(Bids based on 80 per cent co-insurance clause)

Agency	\$30,000	\$6,000
	Medical Building	South portion Pharmacy Building
	Rates per \$100	
Rollins, Burdick, Hunter Company . . .	\$. 53	\$. 57
McKey & Poague . . . . .	. 59	. 59
W. A. Alexander & Company . . . . .	. 85	. 65
Prussing & Company	1. 35	. 85

He recommended that this insurance be placed with Rollins, Burdick, Hunter Company, the lowest bidders, at the rate of 53 cents per \$100 on the Medical Building and 57 cents per \$100 on the Pharmacy Building. The premium amounts to \$193.20. There is also needed an additional sum of \$45.50 to pay the premium on a policy on the north portion of the Pharmacy Building, which was cancelled by one company and assumed by another at the same rate but maturing at a later date than the original policy. Other similar adjustments may be necessary during the year.

The President of the Board authorized me to have the Comptroller place the insurance in accordance with his recommendations.

I request confirmation of my action in authorizing the placing of this insurance and recommend that the sum of \$500, or so much thereof as may be necessary, be appropriated from the Reserve and Contingent Fund to cover the cost thereof, and for necessary adjustments during the current year.

On motion of Mrs. Evans, the action of the President was confirmed, and the appropriation was made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emerson, Mr. Fisher, Mr. Trees.

APPROPRIATION FOR PUBLICATION OF HISTORY OF CAMPUS PLAN

(24) Some time ago members of the Board expressed a desire to have the "History of the Growth and Development of the Campus Plan" brought down to date. Accordingly, at Professor White's suggestion, Assistant Professor T. E. O'Donnell was engaged to do this. The original history was prepared by Mr. L. Deming Tilton, formerly of Professor White's staff. The manuscript of the history has now been completed.

The Supervising Architect recommends that this history be published. An edition of 2,000 copies will cost approximately \$2,160. He also recommends that Professor O'Donnell, who devoted a considerable amount of his own time to writing the history, be allowed \$800 for his services, plus \$37.50 for the expense of typing, materials, etc.

I concur in these recommendations, and recommend further that an appropriation of \$3,000 be made from the Reserve and Contingent Fund for the payment of \$837.50 to Professor O'Donnell for expenses and services, the balance, or so much thereof as may be necessary, to be used for the publication of an edition of 2,000 copies of the history, to be sold at such price as the Comptroller and President may determine, allowance of complimentary copies to be determined by the President.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Trees.

APPROPRIATION FROM EXCESS HORTICULTURAL RECEIPTS TO THE DEPARTMENT OF HORTICULTURE

(25) Dean Mumford and Professor Blair recommend that \$850, or as much thereof as may be necessary, be appropriated from excess horticultural receipts for the year ended June 30, 1929, for the expense of overhauling the central and north storage machines in the Horticulture Field Laboratory.

I concur in this recommendation.

On motion of Mrs. Busey, this appropriation was made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Trees.

REAPPROPRIATION OF UNEXPENDED BALANCES

(26) The Comptroller requests that the following balances from the year 1928-29 be reappropriated as of July 1, 1929, to cover the expenses of work and transactions which could not be completed on June 30.

Publishers' Trade List	\$	500	00
Publication of Laws Concerning University		750	00
Alumni Directory	13	678	14
Meeting of Federation of Illinois Colleges		500	00
George Washington Bicentennial Expense		500	00
Restoration of Existing Art Collections	1	552	71
Death Benefits (Cummins)	1	350	00
Stadium Windstorm Insurance	1	440	00
Dairy Production College Herd, Special	1	599	00
Dairy Production Experimental Herd, Special		784	91
Horticulture Publications		820	41
Capper-Ketcham (U. S. Funds)	12	571	51
Physics Special Research (From Brown-Knipp Patent)	2	130	77
Medical Special Equipment (Radium)	4	336	16
Summer Session, 1929	42	018	35
Electrical Engineering Laboratory (Improvements and Equipment Re-installation)	12	014	40
Fire Protection Equipment		300	00

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Trees.

REBATE ON FREIGHT ON COAL

(27) A letter from the Legal Counsel:

July 17, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

On October 13, 1928, the Board of Trustees authorized me to take the necessary steps to institute proper proceedings to recover excessive freight payments made on coal shipments to the University. The action of the Board appears on page 44 of the Minutes for October, 1928.

We asked the Commerce Commission for an early hearing but did not receive notice of the date until a few days ago when the Commerce Commission advised that the matter would come up at Chicago on July 25.

We prepared the necessary complaint and the evidence has been largely prepared in our offices. The matter, however, is highly technical and practice in rate cases is highly specialized. I, therefore, feel that I should have the assistance of a specialist in this field in order to insure against the miscarriage of justice due to lack of familiarity in this technical field. We, therefore, yesterday and again this morning interviewed Mr. H. M. Slater who is more thoroughly informed in this field than any individual of whom we have knowledge in Illinois, and he proposes to give us the assistance required upon the following terms:

A 15 per cent commission upon the amount recovered with a minimum fee of \$1,500, no commission nor fee to be paid him in the event that the University recovers nothing in this action. According to our calculations, the University may recover or seem to be entitled to recover approximately \$25,000 as a maximum. On this basis, Mr. Slater may be entitled to a commission of \$3,750 as a maximum and if the recovery is not over \$10,000, his commission would be \$1,500 as outlined above.

You should be advised that rate experts usually take cases of this sort on the basis of a commission of 50 per cent of the recovery. Because of the work which we have done in preparing the case, Mr. Slater came down to the basis outlined.

We recommend in the circumstances that we be authorized to accept this proposal and to engage the services of Mr. Slater on the basis outlined.

You understand, of course, that if there be no recovery there will be nothing due from the University to Mr. Slater.

Yours very truly,
SVEINBJORN JOHNSON
Legal Counsel

On motion of Mrs. Evans, the employment of Mr. Slater was authorized, on the terms explained in Judge Johnson's letter, with the stipulations that no commission shall be paid unless there is recovery and that the commission shall not exceed the amount recovered.

THE BUDGET FOR 1929-30

(28) I submit the budget for the fiscal year beginning July 1, 1929, and the academic year beginning September 1, 1929, with the request that it be approved and that the President of the University be authorized to make such changes and adjustments as may be necessary, to make such additional appointments as are necessary, and to accept resignations offered, in accordance with the needs of the University and the equitable interests involved.

On motion of Mr. Simpson, the budget was approved as presented, and authority was granted as recommended. The vote was as follows: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Trees.

Explanatory Notes

Departmental appropriations are made under the captions "Salaries" and "Expense and Equipment." Unless otherwise indicated, no transfers may be made between these appropriation captions except with the approval of the President of the University.

Appropriations for Salaries are available for the term indicated in each case but not for more than one year from September 1. All balances lapse at the end of the term indicated or at August 31.

Funds appropriated for positions in the salary budget which are not yet filled may, pending regular appointments, be drawn against for services of employees temporarily engaged to do the work contemplated by the position and for no other purpose. When appointments are made at salary rates less than the amounts provided in the budget, the unused funds will not be available for use except with the approval of the President.

Appropriations for Expense and Equipment are available for one year beginning July 1 and ending June 30. These appropriations are based on an estimated distribution of expenditures according to the various budget classifications of "Wages, Office Expense, etc." Expenditures must be made in approximate accord with that distribution, material departure from which must be approved in advance by the Dean of the College concerned, the Director of the general department concerned, or the corresponding general officer, and in all cases by the Comptroller. All unencumbered balances in these appropriations lapse June 30.

ESTIMATED BUDGET INCOME

I. State Appropriations for Operation, Maintenance, and Equipment		
Salaries and Wages.....	\$ 3 515 000 00	
Office Expense.....	150 000 00	
Travel.....	35 000 00	
Operation.....	485 000 00	
Repairs.....	160 000 00	
Equipment.....	290 000 00	
Improvements other than buildings...	130 000 00	\$4 765 000 00
II. State Appropriation for Cook County Experiment Station (Agriculture).....		\$ 10 000 00
III. Federal Grants		
Interest on Endowment Fund (Land Grant of 1862 paid by State)....	\$ 32 450 66	
Morrill and Nelson Acts.....	50 000 00	
Hatch and Adams Acts (Agriculture).....	30 000 00	
Smith-Hughes Act (State Board of Vocational Education).....	16 000 00	
Smith-Lever Act (Agriculture).....	239 624 34	
Capper-Ketcham Act (Agriculture)...	40 167 48	
Purnell Act (Agriculture).....	60 000 00	\$ 468 242 48
IV. Student Fees.....		860 000 00
V. McKinley Endowment (Economics).....		5 400 00
VI. Miscellaneous Income.....		100 000 00
VII. Agricultural Sales.....		264 750 00
<i>Total Estimated Budget Income</i>		\$6 473 392 48
Proposed Appropriations.....		6 345 314 82
BALANCE FOR RESERVE AND CONTINGENCIES.....		\$ 128 077 66

SUMMARY OF BUDGET APPROPRIATIONS, 1929-30

<i>Urbana-Champaign Departments</i>	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>General</i>			
General Administrative Offices and General Expense.....\$	227 830 00	\$ 138 160 00	\$ 365 990 00
Library.....	126 969 00	117 862 00	244 831 00
Physical Plant Operation....	32 634 00	649 500 00	682 134 00
<i>Colleges and Schools</i>			
Liberal Arts and Sciences... I	026 540 00	128 730 00	I 155 270 00
Journalism.....	24 550 00	3 255 00	27 805 00
Commerce.....	212 540 00	10 225 00	222 765 00
Education.....	166 920 00	20 510 00	187 430 00
Engineering.....	587 216 00	89 385 00	676 601 00
<i>Agriculture</i>			
University Appropriations.	492 575 00	284 653 00	777 228 00
Cook County Experiment Station (State).....	2 800 00	7 200 00	10 000 00
Purnell Fund.....	34 938 89	25 061 11	60 000 00
Smith-Lever.....	204 420 00	35 204 34	239 624 34
Capper-Ketcham.....	37 800 00	2 367 48	40 167 48
Sales.....	4 880 00	259 870 00	264 750 00
<i>Total, Agriculture.....</i>	<i>(777 413 89)</i>	<i>(614 355 93)</i>	<i>(I 391 769 82)</i>
Library School.....	24 900 00	2 420 00	27 320 00
Law.....	77 950 00	14 650 00	92 600 00
Music School.....	51 280 00	3 725 00	55 005 00
Graduate School.....	36 200 00	30 350 00	66 550 00
Physical Welfare.....	102 540 00	25 214 00	127 754 00
Military.....	19 080 00	3 263 00	22 343 00
Summer Session (1930).....	80 000 00	4 000 00	84 000 00
<i>Chicago Departments</i>			
<i>Chicago General and</i>			
Physical Plant.....	13 200 00	87 768 00	100 968 00
Medicine.....	322 216 00	107 330 00	429 546 00
Dentistry.....	112 210 00	30 183 00	142 393 00
Pharmacy.....	86 840 00	25 400 00	112 240 00
<i>Total, Operating Budget..</i>	<i>(4 109 028 89)</i>	<i>(2 106 285 93)</i>	<i>(6 215 314 82)</i>
Physical Plant Extension and Equipment.....		130 000 00	130 000 00
<i>Total Appropriations....</i>	<i>\$ 4 109 028 89</i>	<i>\$ 2 236 285 93</i>	<i>\$ 6 345 314 82</i>

**GENERAL ADMINISTRATIVE OFFICES AND DEPARTMENTS
AND GENERAL EXPENSE**

Summary

<i>Administrative Offices and General Departments</i>	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Board of Trustees.....	\$ 1 000 00	\$ 8 200 00	\$ 9 200 00
President's Office.....	30 980 00	4 000 00	34 980 00
Legal Counsel.....	1 200 00	600 00	1 800 00
Business Office.....	76 720 00	14 000 00	90 720 00
Registrar's Office.....	31 380 00	16 500 00	47 880 00
Dean of Men.....	17 100 00	16 115 00	33 215 00
Dean of Women.....	14 350 00	3 700 00	18 050 00
Senate.....	1 000 00	400 00	1 400 00
Information Office.....	2 500 00	2 100 00	4 600 00
University Press.....	6 700 00	18 100 00	24 800 00
Military Bands.....	7 350 00	2 300 00	9 650 00
High School Visitor.....	16 100 00	3 600 00	19 700 00
High School Conference.....		2 500 00	2 500 00
Publicity.....	7 250 00	3 750 00	11 000 00
Alumni Records.....	9 700 00	3 050 00	12 750 00
Community Adviser.....	4 500 00	1 500 00	6 000 00
<i>General Expense</i>			
Photography.....		500 00	500 00
Historical and Publishing.....		5 000 00	5 000 00
Council of Administration.....		1 750 00	1 750 00
Students' Handbook.....		500 00	500 00
Honors Day.....		650 00	650 00
Convocations.....		1 000 00	1 000 00
Commencement.....		3 000 00	3 000 00
Radio Station.....		2 100 00	2 100 00
Visiting Professorships, Lectures, and other functions.....		10 000 00	10 000 00
Educational Conferences and In- vestigations.....		2 000 00	2 000 00
Injuries to Employees.....		3 000 00	3 000 00
President's Reception and Enter- tainment Fund.....		3 000 00	3 000 00
President's Incidental and Emerg- ency Fund.....		1 500 00	1 500 00
Membership in Organizations.....		710 00	710 00
Audits.....		2 500 00	2 500 00
Intramural Debating.....		535 00	535 00
<i>Total</i>	\$227 830 00	\$138 160 00	\$365 990 00

The Salary Budget

This budget as printed is corrected to August 1, 1929.

Unless otherwise indicated, appointments are governed by the following conditions:

1. The service required in all positions in the teaching staff is for the academic year ending with Commencement. Salaries of positions of the rank of Associate and above are payable in twelve equal monthly installments; salaries of other ranks, in ten equal monthly installments.

2. The service required in all positions in experiment stations and bureaus of research, and research positions in other departments is for a full year of twelve months, allowing for vacations, and salaries are payable in twelve equal monthly installments.

3. The service required in all other positions—administrative, clerical, and service positions—is for a full year of twelve months, allowing for vacations, and salaries are payable in twelve equal monthly installments.

4. All appointments begin September 1, 1929. C. S. (Civil Service) appointments are for one year.

Administrative and General

PRESIDENT'S OFFICE

	<i>Salary</i>
1. David Kinley, President (Indef.)	\$ 15 000
2. A. J. Janata, Private Secretary and Assistant to the President (12 mos.; exempt)	5 000
3. H. B. Johnston, Executive Secretary (C. S.)	4 500
4. Albert R. Lee, Chief Clerk (C. S.)	2 000
5. Helen V. Simpser, Stenographer (C. S.)	1 700
6. Elizabeth P. McEvoy, Stenographer (C. S.)	1 400
7. Marie Bierfeldt (Mrs.), Stenographer (C. S.)	1 380
<i>Total, President's Office</i>	<u>\$ 30 980</u>

BOARD OF TRUSTEES

1. H. E. Cunningham, Secretary (1 yr.)	\$ 1 000
(University Press)	4 000)
(Total salary)	<u>5 000)</u>

LEGAL COUNSEL

1. S. Johnson, Legal Counsel (1 yr.) Professor of Law (Indef.) (Salary under College of Law)	\$
2. Naomi Fleming, Stenographer (C. S.)	1 200
<i>Total, Legal Counsel</i>	<u>\$ 1 200</u>

BUSINESS OFFICE

(The divisions in this budget are for administrative convenience only.)

General

1. Lloyd Morey, Comptroller (1 yr.) Professor of Accountancy (Indef.)	\$ 8 000 ¹
2. G. A. Mills, Assistant to Comptroller (C. S.)	3 750
3. A. E. Lee, Statistician (C. S.)	3 250
4. Merle Rhoads, Chief Clerk (C. S.)	1 800
5. Maxine McCormick, Stenographer (C. S.)	1 500
6. Genevieve Vencill, Typist (C. S.)	1 200

Auditing and Accounting Division

7. C. H. Pratt, Auditor (C. S.)	4 400
8. A. Lincicome, Chief Accountant (C. S.)	3 500
9. S. C. Smith, Assistant Auditor (C. S.)	2 100
10. L. M. Dahlenburg, Junior Accountant (C. S.)	1 800

¹With leave of absence for five months beginning September 1, 1929.

	<i>Salary</i>
11. G. E. Gere, Junior Accountant (C. S.).....	\$ 1 300
(From Residence Halls and Hospitals.....)	500)
(Total salary.....)	1 800)
12. Florence Cunningham, Stenographer (C. S.).....	1 440
13. Helen Norton, Clerk (C. S.).....	1 380
14. Pauline Phillips, Bookkeeper (C. S.).....	1 200
15. J. T. Douglass, Bookkeeper (C. S.).....	1 080
16. Ione Robbins, Clerk and Typist (C. S.).....	1 080
17. Clarana Lowery, Typist (C. S.).....	1 140

Bursar's Division

18. H. B. Ingalls, Bursar (C. S.).....	4 800
19. C. A. Webber, Assistant Bursar (C. S.).....	2 900
20. H. A. Hazleton, Cashier (C. S.).....	2 000
21. J. I. Johnson, Assistant Cashier (C. S.).....	1 680
22. Floyd W. Mumma, Assistant Cashier (C. S.).....	1 320
23. Alice Matheny, Clerk (C. S.).....	1 200
(From Residence Halls.....)	300)
(Total salary.....)	1 500)
24. Thelma Montgomery, Payroll Clerk (C. S.).....	1 380
25. Helen M. Gordon, Stenographer (C. S.).....	1 200
26. G. W. Michael, Bookkeeper (C. S.).....	1 200
27. Ruth Clinite, Stenographer (C. S.).....	1 200
28. Hortense Scott, Stenographer (C. S.).....	1 080

Purchasing Division

29. H. M. Edwards, Purchasing Agent (C. S.).....	5 000
30. J. E. Millizen, Assistant Purchasing Agent (C. S.).....	3 700
31. W. M. Tullock, Traffic Clerk (C. S.).....	2 500
32. E. G. Smith, Inventory and Voucher Clerk (C. S.).....	1 800
33. Zella Ulum, Stenographer (C. S.).....	1 500
34. Augusta Moore (Mrs.), Typist (C. S.).....	1 260
35. _____, Stenographer (C. S.).....	1 080
36. J. M. Lindgren, Supervisor of General Chemical Storeroom (1 yr.)	
(From Applied Chemistry Testing Fund.....)	2 750)
(From General Chemical Storeroom.....)	750)
(Total salary.....)	3 500) ¹
37. C. C. Crawford, Storekeeper (C. S.) (From General Chemical Storeroom.....)	1 800)
38. W. L. Bennett, Stock Record Clerk (C. S.) (From General Chemical Storeroom.....)	1 800)
39. W. K. Lumsden, Head Storekeeper (C. S.) (From Office Supply Storeroom.....)	2 100)
40. F. C. Pearson, Assistant Storekeeper (C. S.) (From Office Supply Storeroom.....)	1 020)
<i>Total, Business Office.....</i>	<i>\$ 76 720</i>

REGISTRAR'S OFFICE

(The divisions in this budget are for administrative convenience only.)

1. G. P. Tuttle, Registrar (C. S.).....	\$ 5 500
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Division of Admissions

2. D. A. Grossman, Examiner (C. S.).....	3 150
(Accountancy Fund.....)	700)
(Entrance Examinations.....)	350)
(Total salary.....)	4 200)
3. E. C. Seyler, Assistant Examiner (C. S.) (¼ time; 12 mos.).....	300
(Entrance Examinations.....)	900)
(Total salary.....)	1 200)

¹Also from Athletic Association; 1928-29, \$1500; 1929-30, \$1700.

	<i>Salary</i>
4. Harriet Hamm, Assistant Examiner (C. S.).....	\$ 2 100
5. Zella Hall, Assistant Examiner (C. S.).....	800
(Accountancy Fund.....)	1 100)
(Total salary.....)	1 900)
Division of Records	
6. L. A. Boice, Recorder (C. S.).....	3 000
7. Tabitha J. Broadhurst, Assistant Recorder (C. S.).....	2 000
8. Priscilla Howe, Assistant Recorder (C. S.).....	1 800
9. Verna L. Everett, Record Clerk (C. S.).....	900
10. Rosene Hawthorne, Record Clerk (C. S.).....	1 140
11. Doris M. Brown, Record Clerk (C. S.).....	900
12. Mildred Potts (Mrs.), Record Clerk (C. S.).....	900
Division of Statistics	
13. Margaret Smith, Junior Registration Clerk (C. S.).....	1 400
14. Mary E. Johnston, Record Clerk (C. S.).....	1 020
General Assistants	
15. Alta Bagott, Filing Clerk (C. S.).....	1 500
16. Mrs. Lucy J. Tucker, General Assistant (C. S.).....	960
17. Louise Kobel (Mrs.), Head Stenographer (C. S.).....	550
(Entrance Examinations.....)	550)
(Accountancy Fund.....)	300)
(Total salary.....)	1 400)
18. Arminta Ervin, Stenographer (C. S.).....	1 120
19. _____, Stenographer (C. S.).....	1 140
20. Carrie McGreevy, Stenographer (C. S.).....	1 200
<i>Total, Registrar's Office.....</i>	<i>\$ 31 380</i>
DEAN OF MEN	
1. T. A. Clark, Dean of Men (1 yr.), Professor of Rhetoric (Indef.)..	\$ 8 000
2. F. H. Turner, Assistant Dean of Men (1 yr.).....	4 000
3. G. H. Smith, Assistant Dean of Men for Freshmen and Foreign Students (1 yr.).....	2 400
4. G. B. Elliott, Office Assistant (¾ time; 12 mos.).....	1 200
5. Hazel Yates, Secretary to the Dean (1 yr.; exempt).....	1 500
<i>Total, Dean of Men.....</i>	<i>\$ 17 100</i>
DEAN OF WOMEN	
1. Maria Leonard, Dean of Women (1 yr.).....	\$ 6 000
2. Ruth M. Caldwell, Assistant to the Dean of Women (1 yr.).....	2 400
3. Irene D. Pierson, Assistant to the Dean of Women (1 yr.).....	1 950
4. Frances E. Swanson, Secretary (1 yr.; exempt).....	1 600
5. Elsie M. Briney, Stenographer (C. S.).....	1 320
6. Mary K. Coughlan, Clerk (C. S.).....	1 080
<i>Total, Dean of Women.....</i>	<i>\$ 14 350</i>
HIGH SCHOOL VISITOR	
1. A. W. Clevenger, High School Visitor (1 yr.).....	\$ 5 500
2. H. A. Hollister, Professor, <i>Emeritus</i>	2 400
3. H. D. Trimble, Assistant High School Visitor (1 yr.).....	3 600
4. F. C. Hood, Assistant High School Visitor (1 yr.).....	3 000
5. Ethel A. Doyle, Secretary (C. S.).....	1 600
<i>Total, High School Visitor.....</i>	<i>\$ 16 100</i>

UNIVERSITY PRESS

	<i>Salary</i>
1. H. E. Cunningham, Director of the University Press and Information Office, Secretary of the Board of Trustees (1 yr.).....\$	4 000
(Board of Trustees.....)	1 000)
(Total salary.....)	5 000)
2. C. W. Reagan, Superintendent of Print Shop (C. S.) (From Print Shop.....)	4 000)
3. Jean Drayer, Editorial Assistant (C. S.).....	1 500
4. _____, Stenographer (C. S.).....	1 200
<i>Total, University Press.....</i>	<i>\$ 6 700</i>

INFORMATION OFFICE

1. H. E. Cunningham, Director (1 yr.)—(Salary under University Press and Board of Trustees).....\$	.....
2. Anna L. Neuber, Assistant Director (C. S.).....	2 500

PUBLICITY AND RADIO

1. J. F. Wright, Director of Publicity and Director of Radio Station, Assistant Professor of Journalism (1 yr.).....\$	5 750
2. _____, Assistant to the Publicity Director (¾ time; 1 yr.)	1 500
(Journalism.....)	500)
(Total salary.....)	2 000)
<i>Total, Publicity and Radio.....</i>	<i>\$ 7 250</i>

MILITARY BANDS

1. A. A. Harding, Director and Professor of Music (Indef.).....\$	4 000
(School of Music.....)	2 000)
(Total salary.....)	6 000)
2. R. F. Dvorak, Assistant to Director (½ time; 10 mos.).....	1 400
(School of Music.....)	1 400)
(Total salary.....)	2 800)
3. N. A. Kjos, Assistant (¼ time; 10 mos.).....	450
(School of Music, ⅓ time.....)	600)
(Total salary.....)	1 050)
4. Velma I. Roberts (Mrs.), Secretary (C. S.).....	1 500
<i>Total, Military Bands.....</i>	<i>\$ 7 350</i>

UNIVERSITY SENATE
COMMITTEE ON STUDENTS' ENGLISH

1. H. D. Widger, Secretary (¾ time; 10 mos.).....\$	1 000
(English.....)	1 500)
(Total salary.....)	2 500)

ALUMNI RECORDS

1. C. J. Roseberry, Alumni Recorder (C. S.).....\$	3 000
(Paid by Athletic Association.....)	3 000)
(Paid by Alumni Association.....)	1 000)
(Total salary.....)	7 000)
2. Gleyne Goodwine, Chief Clerk (C. S.).....	2 500
3. Margaret Burton, Editorial Assistant and Stenographer (C. S.).....	1 620
4. Irene V. Hosler, Stenographer and Bookkeeper (C. S.).....	1 320
(Paid by Alumni Association.....)	120)
(Total salary.....)	1 440)
5. Christine F. Aden, Clerk and Typist (C. S.).....	1 260
<i>Total, Alumni Records.....</i>	<i>\$ 9 700</i>

COMMUNITY ADVISER

1. H. E. Hieronymus, Community Adviser (2 yrs. from Sept. 1, 1929) *Salary*
\$4 500

LIBRARY
Summary

<i>Salaries</i>	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 11 820 00		\$ 11 820 00
Order Department.....	18 710 00		18 710 00
Binding Department.....	3 800 00		3 800 00
Periodical Department.....	4 080 00		4 080 00
Catalog Department.....	40 059 00		40 059 00
Loan Department.....	16 500 00		16 500 00
Reference Department.....	10 200 00		10 200 00
Departmental Libraries.....	21 800 00		21 800 00
<i>Total Salaries</i>	(126 969 00)		(126 969 00)
<i>Expense and Equipment</i>		\$ 27 862 00	27 862 00
<i>Library Additions</i>		90 000 00	90 000 00
<i>Total Library</i>	\$126 969 00	\$117 862 00	\$244 831 00

Administration

(The divisions in this budget are for administrative convenience only.)

	<i>Salary</i>
1. P. L. Windsor, Director of the University Library and Library School (1 yr.) Professor of Library Science (Indef.).....	\$ 6 500
2. Mary L. Bull, General Assistant (C. S.).....	1 800
3. Mildred A. Jones, Stenographer (C. S.).....	1 080
4. Grace Goodmann, Stenographer (C. S.).....	1 000
5. Edmund Wharmby, Helper (C. S.).....	1 440
<i>Total, Administration</i>	\$ 11 820

Order Department

1. Willia K. Garver, Order Librarian (C. S.).....	\$ 2 800
2. Icko Iben, Exchange Assistant (C. S.).....	2 000
3. Dorothy Moyer, Assistant (C. S.).....	1 800
4. Kathleen M. Ruckman, Assistant (C. S.).....	1 440
5. _____, Assistant (C. S.).....	1 500
6. Esther J. Ellis, Assistant (C. S.).....	1 350
7. Nelle E. Steider, Assistant (C. S.).....	1 400
8. Mary L. Nickell, Assistant (1/2 time; C. S.).....	660
9. Isabelle Grant, Assistant (C. S.).....	1 500
10. Louise Wohlfarth, Bookkeeper-Clerk (C. S.).....	1 260
11. Grace Huffman, Stenographer (C. S.).....	960
12. Martha Konradt, Stenographer (C. S.).....	1 140
13. Helen C. Babb, Typist and Filing Clerk (C. S.).....	900
<i>Total, Order Department</i>	\$ 18 710

Binding Department

1. Josie B. Houchens, Lecturer in Library School and Binding Librarian (1 yr.).....	\$ 2 500
2. _____, Assistant (C. S.).....	1 300
<i>Total, Binding Department</i>	\$ 3 800

Periodical Department

1. Katherine Doyle, Library Assistant (C. S.).....	\$ 1 900
2. Thelma F. Clements, Clerk (C. S.).....	1 080
3. _____, Library Assistant (C. S.).....	1 100
<i>Total, Periodical Department</i>	\$ 4 080

Catalog Department		<i>Salary</i>
1. Adah Patton, Lecturer in Library School and Catalog Librarian (1 yr.)	\$	3 000
2. Amanda M. Flattery, Cataloger (Retired)		760
3. Eleanor M. Robertson, Catalog Reviser (C. S.)		2 200
4. Cleo Lichtenberger, Cataloger (C. S.)		2 100
5. Edith C. Jones, Cataloger (C. S.)		1 500
6. Esther Anell, Cataloger (C. S.)		2 000
7. Katherine M. Wheeler, Cataloger ($\frac{2}{3}$ time; C. S.)		1 266
8. _____, Cataloger (C. S.)		1 700
9. Meta M. Sexton, Cataloger (C. S.)		1 900
10. C. U. Faye, Cataloger (C. S.)		2 000
11. _____, Cataloger (C. S.)		1 700
12. Mary Mann, Cataloger (C. S.)		1 800
13. Doris Achelpohl, Cataloger (C. S.)		1 350
14. G. C. Grainger, Cataloger (C. S.)		1 350
15. Edna M. Brown, Cataloger (C. S.)		1 600
16. _____, Cataloger (C. S.)		1 500
17. Mary Ann Saunders, Cataloger (C. S.)		1 400
18. Mildred Henney, Cataloger (C. S.)		1 300
19. A. D. Wilson, Cataloger ($\frac{3}{4}$ time; C. S.)		1 000
20. _____, Cataloger ($\frac{3}{4}$ time; C. S.)		960
21. _____, Cataloger ($\frac{2}{3}$ time; C. S.)		933
22. _____, Cataloger ($\frac{1}{2}$ time; C. S.)		640
23. _____, Cataloger ($\frac{3}{4}$ time; C. S.)		1 000
24. Lellia F. Swearingen, Typist and Multigraph Operator (C. S.)		1 400
25. Elizabeth Beedle, Clerk (C. S.)		1 260
26. Audrey M. Sexton, Clerk (C. S.)		1 300
27. Eula Clanton, Typist (C. S.)		1 140
<i>Total, Catalog Department</i>		\$ 40 059

Loan Department		
1. Emma R. Jutton, Lecturer in Library School and Loan Librarian (1 yr.)	\$	2 800
2. Edithe F. Hart, Assistant (C. S.)		1 800
3. Helen Stewart, Assistant (C. S.)		1 400
4. Cecelia McCarthy, Assistant (C. S.)		1 600
5. W. O. Baehr, Assistant (C. S.)		1 600
6. _____, Assistant ($\frac{1}{2}$ time; C. S.) (10 mos.)		500
7. _____, Assistant (C. S.)		1 200
8. _____, Assistant ($\frac{3}{4}$ time; C. S.)		900
9. _____, Assistant (C. S.)		1 200
10. _____, Assistant ($\frac{3}{4}$ time; C. S.)		900
11. _____, Assistant (C. S.)		1 400
12. _____, Library Helper (C. S.)		1 200
<i>Total, Loan Department</i>		\$ 16 500

Reference Department		
1. Alice S. Johnson, Lecturer in Library School and Reference Librarian (1 yr.)	\$	2 600
2. Fanny Dunlap, Lecturer in Library School and Reference Librarian (1 yr.)		2 600
3. Dorothy Black, Reference Assistant (C. S.)		2 000
4. G. H. Sandy, Reference Assistant (C. S.)		1 600
5. Barbara L. Bowlin, Assistant (C. S.)		1 400
<i>Total, Reference Department</i>		\$ 10 200

Departmental Libraries		
1. _____, Library Assistant in Classics (C. S.)	\$	1 500
2. Florence Harding, Library Assistant in Modern Languages (C. S.)		1 800

	<i>Salary</i>
3. Nelle M. Signor, Library Assistant in History and Political Science (C. S.).....	\$ 2 000
4. Hazel Y. Shaw, Library Assistant in Economics and Sociology (C. S.).....	2 000
5. Nellie M. Bredehoff, Library Assistant in English (½ time; C. S.)..	700
6. Ida Tod, Library Assistant in Philosophy, Psychology, and Education (C. S.).....	2 000
7. Mary Burwash, Librarian of the Agricultural Library (C. S.).....	2 200
8. C. E. Janvrin, Librarian of the Natural History Library (C. S.)...	2 600
9. A. W. Rosaaen, Library Assistant in Chemistry (C. S.).....	1 700
10. E. S. Warrick, Library Assistant in Mathematics (C. S.).....	1 500
11. Hilda J. Alseth, Librarian of the Engineering Library (C. S.).....	2 000
12. Fern E. DeBeck, Librarian of the Architecture Library (C. S.)....	1 800
<i>Total, Departmental Libraries</i>	\$ 21 800

PHYSICAL PLANT

Summary

(Subject to adjustment within the total)

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Salaries (part).....	\$ 32 634 00	\$	\$ 32 634 00
Building Maintenance.....		130 000 00	130 000 00
Building Operation.....		140 000 00	140 000 00
Fire Station.....		9 000 00	9 000 00
Freight Handling.....		4 000 00	4 000 00
General Operation.....		40 000 00	40 000 00
Grounds.....		40 000 00	40 000 00
Heat, Light and Power.....		224 000 00	224 000 00
Office Expense.....		4 000 00	4 000 00
Police and Watchman.....		14 000 00	14 000 00
Telephone Exchange.....		15 000 00	15 000 00
Tools and Equipment.....		7 500 00	7 500 00
Truck Operation and Maintenance..		12 500 00	12 500 00
Water Station.....		9 500 00	9 500 00
<i>Total</i>	\$ 32 634 00	\$649 500 00	\$682 134 00

OFFICE OF SUPERVISING ARCHITECT¹

	<i>Salary</i>
1. J. M. White, Supervising Architect and Superintendent of Business Operations (1 yr.); Professor of Architectural Engineering (Indef.).....	\$ 8 500
2. J. A. Morrow, Superintendent of Buildings (C. S.).....	5 000
3. R. C. Maxwell, Structural Engineer and Superintendent of Building Construction (C. S.).....	4 800
4. F. C. Lohmann, Superintendent of Building Construction (C. S.)..	4 500
5. S. B. Knowlton, Structural Engineer (C. S.).....	3 900
6. H. I. Pearce, Architectural Designer (C. S.).....	3 600
7. T. J. Showers, Assistant Superintendent of Buildings (Maintenance) (C. S.).....	3 600
8. E. E. Anderson, Structural Engineer (C. S.).....	3 600
9. C. E. Atkinson, Superintendent of Grounds (C. S.).....	3 300
10. John Doak, Assistant Superintendent of Building Construction (C. S.).....	3 300
11. T. O. Henderson, Assistant Superintendent of Buildings (Operation) (C. S.).....	3 120
12. C. L. Moore, Mechanical Engineer (C. S.) (Three full days each week).....	2 500
13. W. C. See, Architectural Draftsman (C. S.).....	2 700

¹All of the above salaries are chargeable to Physical Plant operation budget, or to new buildings appropriations.

	<i>Salary</i>
14. Sadie L. Stubbs, Assistant to Superintendent of Business Operations (C. S.).....	\$ 2 220
15. Mary E. Brennan, Chief Clerk (C. S.).....	2 000
16. Hazel Tucker, Senior Clerk (C. S.).....	1 800
17. Dorothea K. Williamson, Landscape Architectural Draftsman (C. S.) (Six half days each week).....	912
18. Ruthe E. Murphey, Senior Clerk (C. S.).....	1 740
19. C. S. Havens, Senior Clerk (C. S.).....	1 740
20. _____, Senior Stenographer (C. S.).....	1 500
21. _____, Junior Stenographer (C. S.).....	1 440
22. Frances McClughen, Retired.....	450
23. J. F. Perkins, Retired.....	416
24. C. A. Dunseth, Retired.....	877
25. W. G. Hixon, Retired.....	548
26. Louie Finder, Retired.....	760
27. Basil Brown, Retired.....	678
28. Sell Hamlin, Retired.....	607
29. Dan Meneely, Retired.....	634
30. J. C. Snyder, Retired.....	664

COLLEGE OF LIBERAL ARTS AND SCIENCES

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 17 680 00	\$ 5 125 00	\$ 22 805 00
Art and Design.....	20 700 00	1 575 00	22 275 00
Astronomy.....	5 750 00	1 000 00	6 750 00
Bacteriology.....	11 800 00	5 695 00	17 495 00
Botany.....	43 310 00	5 400 00	48 710 00
Chemistry.....	161 440 00	78 000 00	239 440 00
Classics.....	22 750 00	700 00	23 450 00
English.....	184 150 00	3 325 00	187 475 00
Entomology.....	17 500 00	3 385 00	20 885 00
Geology.....	49 390 00	3 350 00	52 740 00
German.....	31 200 00	300 00	31 500 00
History.....	64 160 00	600 00	64 760 00
Mathematics.....	105 720 00	800 00	106 520 00
Philosophy.....	20 200 00	150 00	20 350 00
Physiology.....	22 100 00	2 350 00	24 450 00
Political Science.....	32 500 00	400 00	32 900 00
Psychology.....	28 100 00	1 650 00	29 750 00
Romance Languages.....	82 300 00	700 00	83 000 00
Sociology.....	28 550 00	425 00	28 975 00
Zoology.....	73 240 00	7 800 00	81 040 00
Classical Museum.....		2 000 00	2 000 00
Museum of European Culture.....		2 000 00	2 000 00
Natural History Museum.....	4 000 00	2 000 00	6 000 00
Oriental Museum.....			
<i>Total</i>	\$1 026 540 00	\$128 730 00	\$1 155 270 00

Administration

	<i>Salary</i>
1. K. C. Babcock, Dean (Indef.).....	\$ 8 500 ¹
2. Waldo Shumway, Assistant Dean (1 yr.).....	3 400
(Zoology.....)	1 600)
(Total salary.....)	5 000)
3. _____, Assistant to the Dean (1 yr.; exempt).....	2 000
4. Esther Bruhn, Chief Clerk (C. S.).....	1 320

¹Also to serve as Provost (1 yr.).

	<i>Salary</i>
5. _____, Record Clerk (C. S.).....	\$ 1 200
6. Dorothy Clark, Stenographer (C. S.).....	1 260
<i>Total, Administration</i>	\$ 17 680

Art and Design

1. E. J. Lake, Associate Professor (Indef.); Head of Department (1 yr.).....	\$ 4 000
2. Lorado Taft, Non-resident Professor (Indef.).....	6 000
3. _____, Professor of Fine Arts.....	6 000
4. C. E. Bradbury, Associate Professor (Indef.).....	3 500
5. E. E. Nearpass, Assistant Professor (2 yrs. from Sept. 1, 1929)....	2 500
6. C. V. Donovan, Associate (2 yrs. from Sept. 1, 1929).....	2 500
7. A. Marie Anderson, Instructor (10 mos.).....	2 200
<i>Total, Art and Design</i>	\$ 20 700

Astronomy

1. R. H. Baker, Professor and Head of Department (Indef.).....	\$ 5 000
2. S. J. Walck, Assistant ($\frac{1}{2}$ time; 10 mos.).....	750
<i>Total, Astronomy</i>	\$ 5 750

Bacteriology

1. F. W. Tanner, Professor and Head of Department (Indef.).....	\$ 5 000
2. G. I. Wallace, Instructor (10 mos.).....	2 250
3. F. M. Clark, Assistant (10 mos.).....	1 600
4. William Burrows, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
5. J. B. Rehm, Assistant ($\frac{1}{2}$ time; 5 mos. I Sem.).....	300
6. _____, Assistant ($\frac{1}{2}$ time; 5 mos. II Sem.).....	350
7. A. L. Moody, Laboratory Helper (C. S.).....	1 600
<i>Total, Bacteriology</i>	\$ 11 800

Botany

1. C. F. Hottes, Professor of Plant Physiology (Indef.); Head of Department (1 yr.).....	\$ 5 000
(College of Agriculture.....)	1 000)
(Total salary.....)	6 000)
2. W. Trelease, Professor, <i>Emeritus</i>	2 280
3. F. L. Stevens, Professor of Plant Pathology (Indef.).....	5 500
4. J. T. Buchholz, Professor (Indef.).....	6 000
5. A. G. Vestal, Associate Professor (Indef.).....	4 200
6. A. R. Kienholz, Associate (1 yr.).....	2 600
7. Stella M. Hague, Instructor (10 mos.).....	2 200
8. E. R. Bogusch, Assistant (10 mos.).....	1 800
9. A. L. Shuck, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
10. Rhoda B. Crouch, Assistant ($\frac{1}{4}$ time; 10 mos.).....	350
11. G. H. Boewe, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
12. Ruth E. Crabbe, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
13. Charlotte Brown, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
14. L. J. Tyler, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
15. Leo Campbell, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
16. H. W. Conner, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
17. Mildred E. Ragle, Assistant ($\frac{1}{2}$ time; 10 mos.).....	650
18. G. A. Greathouse, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
19. Leora P. Kneer, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
20. _____, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
21. _____, Research Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
22. S. J. Ewer, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
23. Charlotte E. Liebttag, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
24. H. R. McLarty, Assistant ($\frac{1}{4}$ time; 10 mos.).....	350

	<i>Salary</i>
25. _____, Clerk (C. S.).....	\$ 1 080
26. J. H. Ernest, Laboratory Helper and Mechanician (C. S.).....	1 700
27. F. W. Schaede, Laboratory Helper (C. S.).....	1 200
<i>Total, Botany</i>	\$ 43 310

Chemistry

1. Roger Adams, Professor of Organic Chemistry and Head of Department (Indef.).....	\$ 8 500
2. W. A. Noyes, Professor, <i>Emeritus</i>	3 000
3. S. W. Parr, Professor, <i>Emeritus</i>	1 500
(College of Engineering.....)	1 500)
(Total salary.....)	3 000)
4. W. C. Rose, Professor of Physiological Chemistry (Indef.).....	7 500
5. B. S. Hopkins, Professor of Inorganic Chemistry (Indef.) (On leave with half pay, 1929-30).....	6 000
6. A. M. Buswell, Professor of Sanitary Chemistry (Indef.) ($\frac{3}{5}$ time). (Paid by State Water Survey.....)	2 200
(Total salary.....)	3 300)
7. W. H. Rodebush, Professor of Physical Chemistry (Indef.).....	5 500)
8. D. B. Keyes, Professor of Industrial Chemistry (Indef.) ($\frac{1}{2}$ time). (College of Engineering.....)	6 000
(Total salary.....)	3 000)
9. G. L. Clark, Professor (Indef.).....	6 000)
10. C. S. Marvel, Associate Professor (Indef.).....	5 500
11. T. E. Phipps, Associate Professor (Indef.).....	4 500
12. N. W. Krase, Associate Professor (Indef.).....	3 500
13. T. E. Layng, Assistant Professor (2 yrs. from Sept. 1, 1929).....	4 200
14. J. H. Reedy, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 600
15. D. T. Englis, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 500
16. R. L. Shriner, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 150
17. L. F. Yntema, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 100
18. R. C. Fuson, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 200
19. G. F. Smith, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 300
20. Rosalie M. Parr, Associate (2 yrs. from Sept. 1, 1929).....	3 500
21. V. duVigneaud, Associate (2 yrs. from Sept. 1, 1929).....	2 500
22. L. W. Elder, Associate (2 yrs. from Sept. 1, 1929).....	2 600
23. L. F. Audrieth, Associate (2 yrs. from Sept. 1, 1929).....	2 700
24. M. J. Copley, Instructor (10 mos.) (Salary paid from unused portion of B. S. Hopkins, absent on leave, and not included in total)	2 700
25. Virginia Bartow, Instructor (10 mos.).....	(2 300)
26. F. C. Howard, Instructor (10 mos.).....	2 200
27. J. C. Bailar, Instructor (10 mos.).....	2 400
28. L. L. Quill, Instructor (10 mos.).....	2 500
29. Paul Anders, Assistant in Glassblowing (2 yrs. from Sept. 1, 1929)	2 200
30. W. M. Stanley, Special Research Assistant (10 mos.; from July 1, 1929).....	2 200
31. J. M. Lindgren, Technical Analyst and Supervisor of General Chemical Storeroom (1 yr.) (From Applied Chemistry Testing Fund.....)	(2 750) ¹
(Business Office.....)	2 750)
(Total salary.....)	750)
32. Ulrich Heubaum, Research Assistant ($\frac{1}{2}$ time; 10 mos.).....	3 500) ²
33. P. W. Selwood, Research Assistant ($\frac{1}{2}$ time; 10 mos.).....	800
34. P. R. Shildneck, Research Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
35. G. E. Symons, Assistant ($\frac{3}{4}$ time; 10 mos.).....	700
36. L. H. Bock, Assistant ($\frac{1}{2}$ time; 10 mos.).....	1 050
37. A. E. Knauf, Special Research Assistant ($\frac{1}{2}$ time; 10 mos.).....	800
38. E. M. McMahon, Assistant ($\frac{1}{2}$ time; 10 mos.).....	(700) ¹
	700

¹Paid from funds provided by Chemical Foundation for Research in Organic Chemicals for Treatment of Lepers; not included in total.

²Also from Athletic Association; 1928-29, \$1500; 1929-30, \$1700.

	<i>Salary</i>
39. J. White, Assistant ($\frac{1}{2}$ time; 10 mos.)	\$ 700
40. Wallace Windus, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
41. W. E. Pearce, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
42. Florence Catherwood, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
43. A. A. Burton, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
44. L. W. Butz, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
45. E. H. Johnson, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
46. D. Althausen, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
47. C. W. Bennett, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
48. E. E. Jukkola, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
49. J. B. Shields, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
50. C. D. Thompson, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
51. H. Greengard, Special Research Assistant (1 yr.)	(1 000) ¹
52. J. T. Eaton, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
53. Roger Sweet, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
54. Gordon Hughes, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
55. C. E. Schilz, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
56. H. W. Woodrow, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
57. S. S. Rossander, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
58. Herbert Berg, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
59. J. C. Zimmer, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
60. E. G. Koch, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
61. J. H. Holloway, Jr., Assistant ($\frac{1}{2}$ time; 10 mos.)	600
62. K. E. Corrigan, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
63. C. H. Fisher, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
64. C. M. Loucks, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
65. A. R. Gray, Assistant ($\frac{1}{2}$ time; 10 mos.)	300
65a. A. H. Macmillan, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
66. L. J. Roll, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
67. H. G. Dawson, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
68. H. H. Bliss, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
69. E. Browning, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
70. R. E. Meints, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
71. W. A. Sisson, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
72. E. J. Shaw, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
73. D. D. Peirce, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
74. E. H. Woodruff, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
75. R. W. Stoughton, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
76. Jesse Harmon, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
77. J. B. Goodman, Assistant ($\frac{1}{2}$ time; 10 mos.)	700
78. W. L. Faith, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
79. _____, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
80. _____, Assistant ($\frac{1}{2}$ time; 10 mos.)	600
81. H. D. Cogan, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
82. R. H. Ewart, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
83. R. H. Goshorn, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
84. John DeVries, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
85. A. E. Badger, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
86. Ruth Ellis, Assistant ($\frac{1}{4}$ time; 10 mos.)	350
87. B. C. Becker, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
88. W. Klabunde, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
89. _____, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
90. H. E. Munro, Assistant ($\frac{1}{4}$ time; 10 mos.)	350
91. S. M. Jackson, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
92. Donald Tarvin, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
93. P. E. Samsel, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
94. O. E. Goehler, Assistant ($\frac{1}{4}$ time; 10 mos.)	350
95. Dorothea Haas, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
96. Leonore Hollander, Assistant ($\frac{1}{4}$ time; 10 mos.)	300
97. J. O. Page, Assistant ($\frac{1}{4}$ time; 10 mos.)	300

¹Funds supplied by Calumet Baking Powder Co.

	<i>Salary</i>
98. _____, Assistant ($\frac{1}{4}$ time; 10 mos.).....	\$ (300) ¹
99. Edna Evans (Mrs.), Secretary (C. S.).....	1 800
100. Mary L. Blackwell, Clerk (C. S.).....	1 260
101. Mamie Davis, Stenographer (C. S.).....	1 080
102. Dorsie Baize, Stenographer (C. S.).....	680
(College of Engineering.....)	340)
(Total salary.....)	1 020)
103. C. F. Miller, Clerk (C. S.).....	2 300
104. T. Peel, Storekeeper (C. S.).....	1 700
105. F. Mock, Storekeeper (C. S.).....	1 600
106. C. E. Dalton, Laboratory Helper (C. S.).....	1 320
107. _____, Laboratory Helper (C. S.).....	930
108. L. Kirby, Laboratory Helper (C. S.).....	1 080
109. M. T. Murrell, Laboratory Helper (C. S.).....	1 380
110. L. E. Tillotson, Laboratory Helper (C. S.).....	1 320
111. C. M. Scott, Laboratory Helper (C. S.).....	1 200
112. C. B. Dunn, Laboratory Helper (C. S.).....	1 140
113. A. E. Wood, Mechanician (C. S.).....	1 900
114. G. A. Pittman, Mechanical Assistant (C. S.).....	1 200
115. Unused balance of Kremers and Villars positions temporarily filled, items 28, 72, 73, and 83.....	2 000
<i>Total, Chemistry</i>	\$161 440

Classics

1. W. A. Oldfather, Professor and Head of Department (Indef.).....	\$ 7 000
2. H. J. Barton, Professor, <i>Emeritus</i>	2 000
3. H. V. Canter, Professor (Indef.); (On leave with half pay, 1929-30)	5 500
4. B. E. Perry, Associate Professor (Indef.).....	3 750
5. H. N. Couch, Associate (1 yr.).....	2 500
6. J. P. Heironimus, Assistant (10 mos.); (Salary paid from unused portion of salary of H. V. Canter, absent on leave, and not in- cluded in total).....	(2 000)
7. C. C. Hower, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
8. R. P. Johnson, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
9. P. S. Dunkin, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
<i>Total, Classics</i>	\$ 22 750

English

1. W. J. Graham, Professor and Head of Department (Indef.).....	\$ 7 500
2. Ernest Bernbaum, Professor (Indef.).....	6 500
3. D. K. Dodge, Professor, <i>Emeritus</i>	2 000
4. T. A. Clark, Professor of Rhetoric (Indef.) and Dean of Men (1 yr.) (Salary under Dean of Men's Office).....	.....
5. G. T. Flom, Professor of Scandinavian Languages and English Philology (Indef.).....	5 000
6. H. G. Paul, Professor of the Teaching of English (Indef.).....	2 500
(College of Education.....)	2 500)
(Total salary.....)	5 000)
7. Jacob Zeitlin, Professor (Indef.).....	5 000
8. T. W. Baldwin, Professor (Indef.).....	5 000
9. E. C. Baldwin, Professor (Indef.).....	4 000
10. H. S. V. Jones, Associate Professor (Indef.).....	4 200
11. H. N. Hillebrand, Associate Professor (Indef.).....	4 000
12. B. L. Jefferson, Associate Professor of Rhetoric (Indef.).....	4 250
13. Alta G. Saunders, Associate Professor of Business English (2 yrs. from Sept. 1, 1929) (College of Commerce.....)	3 500)
14. W. P. Sandford, Associate Professor (Indef.).....	3 800
15. Clarissa Rinaker, Assistant Professor (1 yr.) (On leave with half pay, 1929-30).....	2 500

¹Charged to Hopkins salary; not included in total.

	<i>Salary</i>
16. R. B. Weirick, Assistant Professor (2 yrs. from Sept. 1, 1929).....	\$ 2 800
17. J. J. Parry, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 250
18. P. N. Landis, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 250
19. C. L. Finney, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
20. H. F. Fletcher, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
21. A. W. Secord, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
22. Martha J. Kyle, Assistant Professor (1 yr.).....	2 700
23. Caroline Tupper, Associate (2 yrs. from Sept. 1, 1929).....	2 250
24. J. H. Caskey, Associate (2 yrs. from Sept. 1, 1929).....	2 500
25. L. C. McCarty, Associate (2 yrs. from Sept. 1, 1929).....	2 800
26. C. R. Anderson, Associate (1 yr.).....	2 500
27. Helen Rand, Instructor (10 mos.).....	2 100
28. Ruth Kelso, Instructor (10 mos.).....	2 200
29. E. Leah Fullenwider, Instructor (10 mos.).....	2 100
30. S. E. Glenn, Instructor (10 mos.).....	2 000
31. Severina E. Nelson, Instructor (10 mos.).....	2 000
32. M. S. Goldman, Instructor (10 mos.).....	2 000
33. Margaret Bloom, Instructor ($\frac{2}{3}$ time; 10 mos.).....	1 200
34. C. E. Baker, Assistant (10 mos.).....	1 500
35. J. D. Peterson, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
36. Cornelia P. Kelley, Assistant (10 mos.).....	1 700
37. Margaret French, Assistant (10 mos.).....	1 900
38. Mrs. Esther V. Rapp, Assistant (10 mos.).....	1 900
39. Ethel Larm, Assistant (10 mos.).....	1 800
40. Serena G. Hall, Assistant (10 mos.).....	1 700
41. Carolyn Washburn, Assistant (10 mos.).....	1 500
42. H. D. Widger, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 500
(Senate Committee on Students' English.....)	1 000)
(Total salary.....)	2 500)
43. E. W. Davidson, Assistant (10 mos.).....	1 700
44. J. A. Giddings, Assistant (10 mos.).....	1 600
45. R. G. Henderson, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
46. Justine Van Gundy, Assistant (10 mos.).....	1 600
47. L. W. McKelvey, Assistant ($\frac{1}{2}$ time; 10 mos.).....	1 100
(College of Commerce.....)	1 100)
(Total salary.....)	2 200)
48. R. L. Blair, Assistant (10 mos.).....	1 500
49. Ida J. Baker, Assistant (10 mos.).....	1 700
50. F. L. Whan, Assistant (10 mos.).....	1 600
51. Catharine B. Beatley, Assistant (10 mos.).....	1 800
52. Josephine E. Miller, Assistant (10 mos.).....	1 600
53. J. P. Brawner, Assistant (10 mos.).....	1 600
54. J. W. Harris, Assistant (10 mos.).....	1 600
55. Mildred A. Green, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
56. R. G. Mood, Jr., Assistant (10 mos.).....	1 600
57. J. A. Hamilton, Assistant (10 mos.).....	1 500
58. Delia Bell, Assistant (10 mos.).....	1 700
59. Beulah F. Summers, Assistant (10 mos.).....	1 500
60. R. E. Haswell, Assistant (10 mos.).....	1 700
61. L. R. Lowe, Assistant (10 mos.).....	1 700
62. Mary E. Whiteford, Assistant (10 mos.).....	1 900
63. Margaret H. Belsley, Assistant (10 mos.).....	1 600
64. Margaret Gress, Assistant (10 mos.).....	1 500
65. E. C. Coleman, Assistant (10 mos.).....	1 800
66. A. T. Dean, Assistant (10 mos.).....	1 700
67. P. E. Reynolds, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
68. Frances Griswold, Assistant (10 mos.).....	1 600
69. Mildred J. Noble, Assistant (10 mos.).....	1 500
70. F. D. Lemke, Assistant (10 mos.).....	1 700
71. E. V. Sandin, Assistant (10 mos.).....	1 700
72. _____, Assistant (10 mos.).....	1 600

	<i>Salary</i>
73. Grace Danforth, Assistant (10 mos.).....	\$ 1 500
74. Mildred Martin, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
75. J. W. Swanson, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 400
(Paid by Theatre Guild.....)	1 000)
(Total salary.....)	2 400)
76. Adelaide Thein, Assistant (10 mos.).....	1 600
77. Ralph Slow, Assistant (10 mos.).....	1 600
78. Edna Simpson, Assistant (10 mos.).....	1 600
79. K. J. Tarpley, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
80. Romola Reese, Assistant (10 mos.).....	1 500 ¹
81. C. W. Roberts, Assistant (10 mos.).....	1 600
82. Alice Fritschle, Assistant (10 mos.).....	1 500
83. H. F. W. Moeller, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
84. Olga Vanek, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
85. L. C. Dolk, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
86. Mrs. Edith E. Sweney, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
87. Jean M. Fielder, Assistant (10 mos.).....	1 500
88. J. R. Hurley, Assistant ($\frac{1}{2}$ time; 10 mos.).....	500
89. Margaret H. Gates, Assistant (10 mos.).....	1 500
90. Laurette A. Allen, Clerk and Stenographer (C. S.).....	1 500
<i>Total, English</i>	\$184 150

Entomology

1. C. L. Metcalf, Professor and Head of Department (Indef.).....	\$ 5 250
2. W. P. Hayes, Associate Professor (Indef.).....	4 200
3. W. V. Balduf, Assistant Professor (2 yrs. from Sept. 1, 1929) (On leave with half pay, 1929-30).....	3 250
4. V. G. Milum, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
5. C. O. Dolk, Assistant (10 mos.) (Salary paid from unused portion of salary of Balduf, absent on leave, and not included in total)	(1 625)
6. L. H. Townsend, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
7. J. H. Evans, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
8. _____, Clerk and Stenographer ($\frac{1}{2}$ time; 10 mos.).....	500
<i>Total, Entomology</i>	\$ 17 500

Geology

1. W. S. Bayley, Professor (Indef.); Head of Department (1 yr.).....	\$ 6 000
2. C. W. Rolfe, Professor, <i>Emeritus</i>	1 900
3. T. E. Savage, Professor (Indef.).....	5 750
4. T. T. Quirke, Professor (Indef.).....	4 500
5. W. O. Blanchard, Associate Professor of Geography (Indef.).....	4 000
6. F. P. Shepard, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
7. W. V. Howard, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 700
8. A. H. Sutton, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
9. _____, Assistant Professor.....	3 000
10. J. L. Page, Associate (1 yr.).....	2 400
11. H. R. Wanless, Associate (2 yrs. from Sept. 1, 1929).....	2 700
12. _____.....	2 500
13. Edith M. Poggi, Assistant (10 mos.).....	1 900
14. Annemarie Krause, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
15. J. R. Griffin, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
16. O. E. Wagner, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
17. C. R. L. Oder, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
18. J. A. Culbertson, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
19. _____, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
20. Thelma Johnson, Clerk ($\frac{3}{4}$ time, Geology; $\frac{1}{4}$ time, Economic Geology; C. S.).....	1 140
<i>Total, Geology</i>	\$ 49 390

¹\$1250 not included in total; charged to Rinaker position.

German		Salary
1. A. W. Aron, Professor and Head of Department (Indef.).....	\$	6 500
2. J. Goebel, Professor, <i>Emeritus</i>		2 000
3. N. C. Brooks, Professor (Indef.).....		4 250
4. C. A. Williams, Associate Professor (Indef.).....		3 800
5. A. H. Koller, Assistant Professor (2 yrs. from Sept. 1, 1929).....		3 200
6. Daisy Blaisdell, Assistant Professor (2 yrs. from Sept. 1, 1929)....		2 700
7. J. T. Geissendoerfer, Assistant Professor (2 yrs. from Sept. 1, 1929)		3 000
8. Clara W. den Hartog, Assistant (½ time; 10 mos.).....		600
9. Mimi I. Jehle, Assistant (½ time; 10 mos.).....		750
10. Fritz Moore, Assistant (½ time; 10 mos.).....		700
11. D. F. Munro, Assistant (½ time; 10 mos.).....		700
12. Ralph Wood, Assistant (½ time; 10 mos.).....		600
13. A. H. Grossman, Assistant (½ time; 10 mos.).....		600
14. V. W. Robinson, Assistant (½ time; 10 mos.).....		600
15. H. J. Gaurke, Assistant (½ time; 10 mos.).....		600
16. A. P. Danoff, Assistant (½ time; 10 mos.).....		600
<i>Total, German</i>	\$	31 200

History		
1. L. M. Larson, Professor and Head of Department (Indef.).....	\$	6 500
2. A. H. Lybyer, Professor (Indef.).....		5 500
3. W. S. Robertson, Professor (Indef.).....		6 000
4. T. C. Pease, Professor (½ time; Indef.).....		3 500
(Paid by Illinois Historical Library.....)		2 000)
(Total salary.....)		5 500)
5. P. V. B. Jones, Associate Professor (Indef.).....		4 000
6. J. G. Randall, Associate Professor (Indef.).....		4 000
7. F. C. Dietz, Associate Professor (Indef.).....		4 000
8. M. L. Hansen, Associate Professor (Indef.).....		4 500
9. J. W. Swain, Associate Professor (Indef.).....		3 500
10. F. S. Rodkey, Associate Professor (Indef.).....		3 700
11. Louise B. Dunbar, Assistant Professor (2 yrs. from Sept. 1, 1929)...		2 700
_____ , Associate (1 yr.).....		2 400
13. F. S. Ronalds, Associate (2 yrs. from Sept. 1, 1929).....		2 500
14. R. C. Werner, Associate (2 yrs. from Sept. 1, 1929).....		2 300
15. Ameda R. King, Assistant and Clerk (10 mos.).....		1 700 ¹
16. E. H. Pieper, Assistant (½ time; 10 mos.).....		700
17. F. G. Davenport, Assistant (½ time; 10 mos.).....		700
18. Alyce E. Mange, Assistant (½ time; 10 mos.).....		700
19. C. A. Clausen, Assistant (½ time; 10 mos.).....		600
20. Marian E. Baker, Assistant (½ time; 10 mos.).....		600
21. G. L. LaFuze, Assistant (½ time; 10 mos.).....		600
22. G. H. Greene, Assistant (½ time; 10 mos.).....		600
23. Stella H. Sutherland, Assistant (½ time; 10 mos.).....		700
24. E. L. Major, Assistant (½ time; 10 mos.).....		600
25. _____ , Assistant (½ time; 10 mos.).....		600
26. _____ , Assistant (¼ time; 10 mos.).....		300
27. _____ , Assistant (¼ time; 10 mos.).....		300
28. J. D. Crawford, Retiring Allowance.....		360
<i>Total, History</i>	\$	64 160

Mathematics		
1. R. D. Carmichael, Professor (Indef.); Head of Department (1 yr.)\$		8 000
2. E. J. Townsend, Professor, <i>Emeritus</i>		3 000
3. G. A. Miller, Professor (Indef.).....		6 000

¹\$600 as clerk; balance as assistant.

	<i>Salary</i>
4. J. B. Shaw, Professor (Indef.).....	\$ 4 750
5. A. Emch, Professor (Indef.).....	4 250
6. A. B. Coble, Professor (Indef.).....	8 500
7. A. R. Crathorne, Associate Professor of Mathematical Statistics (Indef.).....	4 000
8. E. B. Lytle, Associate Professor of the Teaching of Mathematics ($\frac{1}{3}$ time; Indef.).....	1 400
(College of Education.....)	2 600)
(Total salary.....)	4 000)
9. Olive Hazlett, Associate Professor (Indef.) (On leave without pay for 1929-30).....	4 000
10. C. F. Green, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
11. H. R. Brahana, Assistant Professor (2 yrs. from Sept. 1, 1929)....	3 300
12. H. Levy, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
13. A. J. Maria, Assistant Professor (1 yr.) (Salary paid from salary of Olive C. Hazlett, absent on leave, and not included in total)	(3 000)
14. L. L. Steimley, Associate (2 yrs. from Sept. 1, 1929).....	2 500
15. H. W. Bailey, Associate (2 yrs. from Sept. 1, 1929).....	2 400
16. P. W. Ketchum, Associate (2 yrs. from Sept. 1, 1929).....	2 500
17. D. G. Bourgin, Associate (2 yrs. from Sept. 1, 1929).....	2 500
18. Echo D. Pepper, Associate (2 yrs. from Sept. 1, 1929).....	2 400
19. Charles Hopkins, Associate (2 yrs. from Sept. 1, 1929).....	2 400
20. Beulah M. Armstrong, Instructor (10 mos.).....	2 300
21. V. A. Hoersch, Instructor (10 mos.).....	2 300
22. Bessie I. Miller, Instructor (10 mos.).....	2 300
23. J. W. Peters, Instructor (10 mos.).....	2 300
24. F. C. Ogg, Instructor (10 mos.).....	2 300
25. H. J. Miles, Instructor (10 mos.).....	2 100
26. Wilfrid Wilson, Instructor (10 mos.).....	2 200
27. O. K. Bower, Instructor (10 mos.).....	2 200
28. E. R. Ott, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
29. H. P. Rogers, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
30. W. G. Warnock, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
31. M. T. Bird, Assistant ($\frac{3}{4}$ time; 10 mos.).....	935
32. D. T. Sigley, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
33. G. L. Edgett, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
34. J. H. Butchart, Assistant ($\frac{3}{4}$ time; 10 mos.).....	935
35. Elizabeth Cooper, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
36. R. E. Norris, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
37. J. F. Locke, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
38. G. E. Moore, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
39. Paul Cramer, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
40. A. W. Bear, Assistant ($\frac{1}{2}$ time; 10 mos.).....	750
41. G. B. McClellan, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
42. C. W. Strom, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
43. L. M. Reagan, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
44. F. L. Wood, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
45. P. K. Smith, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
46. C. A. Jacokes, Assistant ($\frac{3}{4}$ time; 10 mos.).....	1 000
47. _____, Assistant ($\frac{3}{4}$ time; 10 mos.).....	(1 000) ¹
48. Mary P. Walls (Mrs.), Clerk and Stenographer (C. S.).....	1 500
<i>Total, Mathematics</i>	\$105 720

Philosophy

1. M. T. McClure, Professor and Head of Department (Indef.).....\$ 5 500
2. A. H. Daniels, Professor (Indef.) (Salary under Graduate School).

¹Charged to salary of Hazlett, on leave.

	<i>Salary</i>
3. G. R. Morrow, Professor (Indef.).....	\$ 5 000
4. A. C. Benjamin, Assistant Professor (2 yrs. from Sept. 1, 1929)....	3 000
5. J. A. Nicholson, Associate (2 yrs. from Sept. 1, 1929).....	2 500
6. D. W. Gotshalk, Instructor (10 mos.).....	2 200
7. P. L. DeLargy, Instructor (10 mos.).....	2 000
<i>Total, Philosophy</i>	\$ 20 200

Physiology

1. _____, Professor and Head.....	\$ 6 000
2. W. E. Burge, Associate Professor (Indef.); Acting Head of Department (1 yr.).....	4 000
3. G. B. Kleindörfer, Assistant (10 mos.).....	1 700
4. G. C. Wickwire, Assistant (10 mos.).....	2 300
5. W. P. Elhardt, Assistant (10 mos.).....	2 000
6. Selma M. Olson, Assistant (10 mos.).....	1 500
7. Emily Williams, Assistant (10 mos.).....	1 700
8. D. J. Verda, Assistant (10 mos.).....	1 500
9. R. L. Davis, Laboratory Helper (C. S.).....	1 400
<i>Total, Physiology</i>	\$ 22 100

Political Science

1. J. W. Garner, Professor and Head of Department (Indef.).....	\$ 7 500
2. J. A. Fairlie, Professor (Indef.).....	6 000
3. J. M. Mathews, Professor (Indef.).....	5 500
4. C. A. Berdahl, Associate Professor (2 yrs. from Sept. 1, 1929)....	3 600
5. William Casey, Associate (2 yrs. from Sept. 1, 1929).....	2 750
6. R. H. Stimson, Assistant ($\frac{3}{4}$ time; 5 mos. I Sem.).....	675
7. _____, Instructor ($\frac{3}{4}$ time; 5 mos. II Sem.).....	675
8. G. A. Graham, Assistant ($\frac{1}{2}$ time; 10 mos.).....	800
9. _____, Assistant ($\frac{1}{2}$ time; 10 mos.).....	800
10. W. E. Waltz, Assistant (10 mos.).....	1 600
11. R. S. Barnes, Assistant (10 mos.).....	1 400
12. C. K. Shaw, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
13. C. E. Garwick, Assistant ($\frac{1}{2}$ time; 10 mos.).....	600
<i>Total, Political Science</i>	\$ 32 500

Psychology

1. Herbert Woodrow, Professor and Head of Department (Indef.)....	\$ 5 500
2. P. T. Young, Associate Professor (Indef.).....	3 500
3. E. A. Culler, Associate Professor (Indef.).....	3 500
4. G. D. Higginson, Assistant Professor (2 yrs. from Sept. 1, 1929)...	3 000
5. Alice H. Sullivan, Associate (2 yrs. from Sept. 1, 1929).....	2 500
6. Elizabeth Möller, Associate (1 yr.).....	2 200
7. _____, Instructor (10 mos.).....	2 000
8. _____, Instructor (10 mos.).....	2 000
9. K. K. Loemker, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
10. W. G. Blakely, Assistant ($\frac{2}{3}$ time; 10 mos.).....	1 000
11. G. L. Barclay, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
12. J. W. Lechay, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
13. _____, Clerk ($\frac{1}{2}$ time; 10 mos.).....	500
<i>Total, Psychology</i>	\$ 28 100

Romance Languages

1. D. H. Carnahan, Professor (Indef.); Head of Department (1 yr.)..	\$ 5 000
2. T. E. Oliver, Professor (Indef.).....	5 000
3. _____, Professor.....	5 000
4. _____, Professor.....	6 000

	<i>Salary</i>
5. J. Van Horne, Associate Professor (Indef.) (On leave with half pay for 1929-30).....	\$ 3 500
6. A. Hamilton, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
7. T. R. Palfrey, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 200
8. P. Jacob, Associate (2 yrs. from Sept. 1, 1929).....	2 800
9. O. K. Lundeborg, Associate (2 yrs. from Sept. 1, 1929).....	2 900
10. H. Saenz, Assistant (10 mos.).....	1 900
11. M. Petty, Assistant (10 mos.).....	1 900
12. J. R. Young, Assistant (10 mos.).....	1 500
13. G. H. Perrine, Assistant (10 mos.).....	1 600
14. L. B. Paredes, Assistant (10 mos.).....	1 700
15. A. V. Roche, Assistant (10 mos.).....	1 600
16. J. Alexander, Assistant (10 mos.).....	1 700
17. Cesarine Breuillaud, Assistant (10 mos.).....	1 700
18. F. P. G. Thenaud, Assistant (10 mos.).....	1 600
19. J. B. Burner, Assistant (10 mos.).....	1 500
20. Edna M. Goggin, Assistant (10 mos.).....	1 600
21. Lucy M. Puehler, Assistant (10 mos.).....	1 600
22. J. O. Swain, Assistant (10 mos.).....	1 600
23. J. Utley, Assistant (10 mos.).....	1 500
24. Margaret Kidder, Assistant (10 mos.).....	1 500
25. Audrey Bond Alciatore (Mrs.), Assistant (10 mos.).....	1 500
26. H. G. A. Smith, Assistant (10 mos.).....	1 500
27. G. W. Steep, Assistant (10 mos.).....	1 500
28. Isabel Balthazard, Assistant (10 mos.).....	1 500
29. Marina Briones, Assistant (10 mos.).....	1 600
30. Marion B. Moore, Assistant (10 mos.) (Salary charged to Van Horne position, not included in total).....	(1 500)
31. Mabel Staudinger, Assistant (10 mos.).....	1 600
32. Evelyn L. McLain, Assistant (10 mos.).....	1 500
33. Edith L. Welch, Assistant (10 mos.).....	1 700
34. Suzanne Kissel, Assistant (10 mos.).....	1 600
35. Mary L. Burnier, Assistant (10 mos.).....	1 600
36. Margaret L. Carlock, Assistant (10 mos.).....	1 500
37. L. H. Bussard, Assistant (10 mos.).....	1 500
38. Angelina Pietrangeli, Assistant (10 mos.).....	1 500
39. L. L. Mayeur, Assistant (¾ time; 10 mos.).....	1 000
40. _____, Clerk (½ time; 10 mos.).....	500
<i>Total, Romance Languages</i>	\$ 82 300
Sociology	
1. _____, Professor (Indef.).....	\$ 6 000
2. D. R. Taft, Professor (Indef.).....	5 000
3. E. T. Hiller, Assistant Professor and Acting Head of Department (1 yr.).....	4 000
4. _____, Work in Anthropology.....	4 000
5. J. W. Albig, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
6. W. R. Tylor, Associate (1 yr.).....	2 750
7. _____, Assistant (10 mos.).....	2 000
8. E. W. Voelker, Assistant (10 mos.).....	1 800
9. D. E. Lindstrom, Assistant in Rural Sociology (12 mos.).....	(2 500) ¹
<i>Total, Sociology</i>	\$ 28 550
Zoology	
1. H. B. Ward, Professor and Head of Department (Indef.).....	\$ 6 500
2. Frank Smith, Professor, <i>Emeritus</i>	2 250
3. Charles Zeleny, Professor (Indef.).....	5 500
4. V. E. Shelford, Professor (Indef.).....	5 000

¹Charged to Purnell and Smith-Lever funds.

	<i>Salary</i>
5. H. J. Van Cleave, Professor (Indef.).....	\$ 4 800
6. Waldo Shumway, Professor (Indef.).....	1 600
(L. A. S. Administration.....)	3 400)
(Total salary.....)	5 000)
7. L. A. Adams, Assistant Professor (2 yrs. from Sept. 1, 1929).....	4 000
8. R. R. Kudo, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
9. L. J. Thomas, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 200
10. A. R. Cahn, Assistant Professor (2 yrs. from Sept. 1, 1929).....	2 500
11. L. F. Edwards, Associate (1 yr.).....	2 400
12. F. B. Adamstone, Associate (1 yr.).....	2 400
13. W. M. Luce, Instructor (10 mos.).....	2 200
14. _____, Instructor (10 mos.).....	1 800
15. R. N. McCormick, Assistant (10 mos.).....	2 000
16. _____, Assistant (10 mos.).....	1 800
17. _____, Assistant (10 mos.).....	1 600
18. A. L. Hjortland, Assistant (10 mos.).....	1 800
19. W. F. Hoheisel, Assistant (10 mos.).....	1 700
20. S. H. Hopkins, Research Assistant (¾ time; 12 mos.).....	1 100
21. W. F. Stanley, Research Assistant (½ time; 12 mos.).....	840
22. T. D. Foster, Assistant (½ time; 10 mos.).....	600
23. M. D. Bryant, Assistant (½ time; 10 mos.).....	700
24. E. L. Miller, Assistant (½ time; 10 mos.).....	700
25. J. M. Moulton, Assistant (½ time; 10 mos.).....	700
26. L. E. Bamber, Assistant (½ time; 10 mos.).....	700
27. C. L. Newcombe, Assistant (½ time; 10 mos.).....	600
28. Dorothea R. Dowd, Assistant (½ time; 10 mos.).....	600
29. H. C. Markus, Assistant (½ time; 10 mos.).....	600
30. Margery Washburn, Assistant (½ time; 10 mos.).....	600
31. J. G. Mackin, Assistant (½ time; 10 mos.).....	600
32. H. E. Hart, Assistant (½ time; 10 mos.).....	600
33. J. D. Combs, Assistant (½ time; 10 mos.).....	600
34. D. I. Rasmussen, Assistant (½ time; 10 mos.).....	650
35. Mabel R. Walter, Assistant (¼ time; 10 mos.).....	300
36. Thelma F. Grimm, Assistant (¼ time; 10 mos.).....	300
37. _____, Assistant (¼ time; 10 mos.).....	300
38. Katharine H. Paul, Scientific Artist (10 mos.).....	2 250
39. O. C. McMillin, Technician and Storekeeper (12 mos.).....	1 900
40. _____, Stenographer (C. S.).....	1 200
41. _____, Half-time mechanic caretaker at Vivarium.....	750
<i>Total, Zoology.....</i>	<i>\$ 73 240</i>

Museum of Natural History

1. Frank C. Baker, Curator (1 yr.).....	\$ 4 000
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SCHOOL OF JOURNALISM

1. L. W. Murphy, Director (1 yr.); Professor (Indef.).....	\$ 5 000
2. _____, Assistant Professor (2 yrs. from Sept. 1, 1929)....	3 000
3. J. F. Wright, Assistant Professor (1 yr.) (Salary under Publicity).....	.....
4. C. L. Allen, Associate (1 yr.).....	3 200
5. O. C. Leiter, Associate (1 yr.).....	3 250
6. V. L. Krannert, Lecturer (½ time; 10 mos.).....	500
7. C. B. Davis, Instructor (10 mos.).....	2 500
8. F. S. Siebert, Instructor (10 mos.).....	2 500
9. Helen H. Peffer, Assistant (10 mos.).....	2 200
10. B. S. Dickinson, Assistant (½ time; 10 mos.).....	700
11. _____, Assistant (¼ time; 10 mos.).....	500
(From Publicity.....)	1 500)
(Total salary.....)	2 000)
12. Frances H. Osgood, Clerk and Stenographer (C. S.).....	1 200

Total, Journalism..... *\$ 24 550*

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 14 260 00	\$ 5 425 00	\$ 19 685 00
Business Organization and Operation	83 560 00		83 560 00
Economics.....	87 600 00		87 600 00
Transportation.....	9 750 00		9 750 00
Bureau of Business Research.....	17 370 00	4 800 00	22 170 00
<i>Total</i>	\$212 540 00	\$ 10 225 00	\$222 765 00

Administration

	<i>Salary</i>
1. C. M. Thompson, Dean and Director of Business Research (1 yr.); Professor of Economics (Indef.).....	\$ 8 500
2. L. E. Kline, Assistant to the Dean (1 yr.).....	1 600
(B. O. & O.....)	1 200)
(Total salary.....)	2 800)
3. _____, Secretary to the Dean (Exempt; 1 yr.).....	1 600
4. _____, Chief Clerk (C. S.).....	1 600
5. Lois M. Stout, Stenographer and Record Clerk (C. S.).....	960
<i>Total, Administration</i>	\$ 14 260

Business Organization and Operation

1. H. T. Scovill, Professor of Accountancy and Head of Department (Indef.).....	\$ 7 000
2. Lloyd Morey, Professor of Accountancy (Indef.) (Salary under Business Office).....	6 000
3. E. J. Filbey, Professor of Accountancy (Indef.).....	5 000
4. F. A. Russell, Professor of Business Organization and Operation (Indef.).....	4 750
5. P. D. Converse, Associate Professor of Business Organization and Operation (Indef.).....	2 250
6. A. C. Littleton, Associate Professor of Accountancy (Indef.).....	2 500)
(Business Research.....)	4 750)
(Total salary.....)	4 500
7. C. F. Schlatter, Associate Professor of Accountancy (Indef.).....	4 500
8. A. G. Anderson, Associate Professor of Business Organization and Operation (Indef.).....	3 250
9. E. R. Dillavou, Associate Professor of Business Law (Indef.).....	500)
(Transportation.....)	3 750)
(Total salary.....)	3 500
10. Alta Gwinn Saunders, Associate Professor of Business English (2 yrs. from Sept. 1, 1929).....	3 250
11. H. H. Baily, Assistant Professor of Accountancy (2 yrs. from Sept. 1, 1929).....	4 000
12. E. L. Theiss, Assistant Professor of Accountancy (2 yrs. from Sept. 1, 1929).....	3 000
13. _____, Associate in Business Law (1 yr.).....	1 200
14. L. E. Kline, Instructor in Business Organization and Operation (10 mos.).....	1 600)
(Administration.....)	2 800)
(Total salary.....)	1 800
15. O. W. Cagann, Instructor in Business Organization and Operation (10 mos.).....	1 100
16. _____, Instructor in Accountancy (part time; 10 mos.)...	2 200
17. W. E. Karrenbrock, Instructor in Accountancy (10 mos.).....	2 200
18. C. E. Allen, Instructor in Accountancy (10 mos.).....	2 000
19. J. W. C. Harper, Instructor in Accountancy (10 mos.).....	2 000

	<i>Salary</i>
20. R. P. Hackett, Instructor in Accountancy (10 mos.)	\$ 2 000
21. H. L. Newcomer, Instructor in Accountancy (10 mos.)	2 000
22. C. C. Curtis, Instructor in Business Law (10 mos.)	2 400
23. L. W. McKelvey, Instructor in Business Organization and Operation (½ time; 10 mos.)	1 100
(Dept. of English)	1 100)
(Total salary)	2 200)
24. M. J. Mandeville, Instructor in Business Organization and Operation (10 mos.)	2 000
25. R. R. Reno, Instructor in Business Law (10 mos.)	2 000
26. _____, Instructor in Business Organization and Operation (10 mos.)	2 000
27. P. M. Green, Assistant in Accountancy (10 mos.)	1 600
28. W. F. Frese, Assistant in Accountancy (10 mos.)	1 400
29. J. A. Anderson, Assistant in Accountancy (10 mos.)	1 400
30. G. E. Howell, Assistant in Accountancy (½ time; 10 mos.)	600
31. C. B. Cox, Assistant in Accountancy (10 mos.)	1 400
32. C. R. Niswonger, Assistant in Accountancy (½ time; 10 mos.)	600
33. G. E. Baggs, Assistant in Accountancy (½ time; 10 mos.)	600
34. Dorothy Barnes, Stenographer (C. S.)	960
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<i>Total, Business Organization and Operation</i>	\$ 83 560

Economics

1. E. L. Bogart, Professor and Head of Department (Indef.) (On leave without pay 1929-30)	\$ 6 500
2. M. H. Robinson, Professor (Indef.)	5 000
3. C. M. Thompson, Professor (Indef.) Dean and Director of Business Research (1 yr.) (Salary under Commerce Administration)	.....
4. Simon Litman, Professor (Indef.)	5 500
5. N. A. Weston, Professor (Indef.)	6 000
6. M. H. Hunter, Professor (Indef.); Acting Head of Department (1 yr.)	5 000
7. F. E. Lee, Professor (2 yrs. from Sept. 1, 1929)	6 000
8. C. L. Stewart, Associate Professor (Indef.)	2 500
(Agriculture)	2 500)
(Total salary)	5 000)
9. Ivan Wright, Associate Professor (Indef.)	4 750
10. L. J. Norton, Assistant Professor (1 yr.)	1 750
(Agriculture)	1 750)
(Total salary)	3 500)
11. P. H. Brown, Assistant Professor (2 yrs. from Sept. 1, 1929)	3 500
12. Edward Berman, Assistant Professor (2 yrs. from Sept. 1, 1929)	3 250
13. H. M. Gray, Assistant Professor (2 yrs. from Sept. 1, 1929)	2 000
(Transportation)	1 500)
(Total salary)	3 500)
14. M. J. Wasserman, Assistant Professor (2 yrs. from Sept. 1, 1929)	3 250
15. D. H. Hoover, Associate (1 yr.)	2 500
16. F. G. Dickinson, Associate (1 yr.)	2 750
17. B. F. Catherwood, Instructor (10 mos.)	1 800
18. R. W. Bartlett, Instructor (10 mos.)	1 250
(Agriculture)	1 250)
(Total salary)	2 500)
19. _____, Instructor (10 mos.)	2 400
20. W. S. Adams, Assistant (10 mos.)	1 800
21. Daniel Borth, Assistant (10 mos.)	1 400
22. H. G. Hendricks, Assistant (10 mos.)	2 000
23. K. D. Luney, Assistant (10 mos.)	1 500
24. L. A. Helms, Assistant (10 mos.)	1 800
25. K. M. Scott, Assistant (10 mos.)	1 800
26. Findley Weaver, Assistant (10 mos.)	1 600

	<i>Salary</i>
27. G. W. Sanford, Assistant (10 mos.).....	\$ 1 400
28. E. G. Lewis, Assistant (10 mos.).....	1 400
29. G. F. D. Zimmerman, Assistant (10 mos.).....	1 400
30. P. M. Van Arsdell, Assistant (10 mos.).....	1 400
31. J. R. Ramser, Assistant (10 mos.).....	1 700
32. M. H. Sublette, Assistant (10 mos.).....	1 500
33. Elizabeth McBride, Stenographer (C. S.).....	1 200
<i>Total, Economics</i>	\$ 87 600

Transportation

1. E. R. Dillavou, Associate Professor of Business Law (Indef.).....	\$ 500
(B. O. & O.).....	3 250)
(Total salary).....	3 750)
2. D. P. Locklin, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 000
3. H. M. Gray, Assistant Professor (2 yrs. from Sept. 1, 1929).....	1 500
(Economics).....	2 000)
(Total salary).....	3 500)
4. F. A. Orland, Associate (1 yr.).....	2 750
5. A. W. Fox, Assistant (10 mos.).....	2 000
<i>Total, Transportation</i>	\$ 9 750 ¹

Bureau of Business Research

1. C. M. Thompson, Director (1 yr.) (Salary under Commerce Administration).....	\$ 2 500
2. A. C. Littleton, Assistant Director (1 yr.).....	2 250)
(B. O. & O.).....	4 750)
(Total salary).....	2 400
3. A. H. Winakor, Research Assistant (1 yr.).....	1 600
4. Florence White, Research Assistant (1 yr.).....	2 250
5. D. M. Dailey, Research Assistant (1 yr.).....	1 500
6. R. F. Smith, Research Assistant (1 yr.).....	1 200
7. Hilda R. Stice (Mrs.), Research Assistant (1 yr.).....	1 200
8. Elrina D. Seider, Research Assistant (1 yr.).....	1 800
9. A. M. Jarvis, Research Assistant (1 yr.).....	700
10. C. F. Dunham, Research Assistant (½ time; 10 mos.).....	700
11. J. Cerny, Research Assistant (½ time; 10 mos.).....	420
12. W. D. Knight, Research Assistant (½ time; 10 mos.).....	1 100
13. _____, Machine Operator (C. S.).....	1 100
<i>Total, Bureau of Business Research</i>	\$ 17 370

COLLEGE OF EDUCATION**Summary**

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 11 120 00	\$ 2 350 00	\$ 13 470 00
Athletic Coaching.....	34 850 00	1 200 00	36 050 00
Education.....	39 800 00	1 500 00	41 300 00
Supervision and High School Instruction.....	35 020 00	2 200 00	37 220 00
Bureau of Educational Research....	14 580 00	7 600 00	22 180 00
<i>Sub-total</i>	(135 370 00)	(14 850 00)	(150 220 00)
<i>Smith-Hughes</i>			
Agricultural Education.....	11 200 00	1 450 00	12 650 00
Home Economics Education.....	7 800 00	400 00	8 200 00
Industrial Education.....	12 550 00	3 810 00	16 360 00
<i>Sub-total</i>	(31 550 00)	(5 660 00)	(37 210 00)
<i>Total</i>	\$166 920 00	\$ 20 510 00	\$187 430 00

¹\$5400 of this amount covered by McKinley Pub. Util. endowment.

Administration

	<i>Salary</i>
1. C. E. Chadsey, Professor of Education (Indef.); Dean (1 yr.).....	\$ 8 500
2. L. W. Williams, Instructor and Secretary of Appointments Committee (1 yr.).....	1 000
(Supervision and High School Instruction.....)	2 200)
(Total salary.....)	3 200)
3. Lillian Hart, Secretary to Dean (1 yr.; exempt).....	1 200
(Industrial Education.....)	500)
(From Summer Session.....)	200)
(Total salary.....)	1 900)
4. Margaret Lamberton, Stenographer and Clerk (C. S.).....	420
(Supervision and High School Instruction.....)	1 020)
(Total salary.....)	1 440)
<i>Total, Administration.....</i>	<i>\$ 11 120</i>

Athletic Coaching

For Athletic Coaching salaries see combined schedule under Physical Education for Men.

Education

1. E. H. Cameron, Professor (Indef.).....	\$ 7 000
2. W. S. Monroe, Professor (Indef.) (Salary under Bureau of Educational Research).....	.....
3. J. A. Clement, Professor (Indef.).....	5 000
4. R. F. Seybolt, Professor (Indef.).....	5 000
5. C. W. Odell, Associate Professor (Indef.).....	3 750
6. O. F. Weber, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 250
7. E. W. Dolch, Associate (1 yr.).....	2 600
8. G. W. Reagan, Associate (1 yr.).....	2 700
9. R. B. Brown, Instructor (1 yr.).....	2 000
10. _____, Instructor (10 mos.).....	2 000
11. E. F. Potthoff, Instructor (10 mos.).....	2 700
12. W. W. Peters, Instructor (10 mos.).....	2 000
13. S. M. Corey, Instructor (10 mos.).....	1 800
<i>Total, Education.....</i>	<i>\$ 39 800</i>

Supervision and High School Instruction

1. L. W. Williams, Principal and Instructor (12 mos.).....	\$ 2 200
(Education Administration.....)	1 000)
(Total salary.....)	3 200)
2. H. G. Paul, Professor of the Teaching of English (Indef.).....	2 500
(College L. A. S.....)	2 500)
(Total salary.....)	5 000)
3. E. B. Lytle, Associate Professor of the Teaching of Mathematics (Indef.).....	2 600
(College L. A. S.....)	1 400)
(Total salary.....)	4 000)
4. H. H. Braucher, Associate (12 mos.).....	1 200
(Industrial Education.....)	1 700)
(Total salary.....)	2 900)
5. C. E. Fouser, Instructor (¾ time; 10 mos.).....	1 400
(School of Music.....)	700)
(Total salary.....)	2 100)
6. J. R. Byerley, Teacher (10 mos.).....	1 800
7. _____, Teacher (½ time; 10 mos.).....	700
8. Liesette McHarry, Teacher (10 mos.).....	2 000
9. Alice M. Jacoby, Teacher (10 mos.).....	1 500

	<i>Salary</i>
10. Gertrude Hendrix, Teacher (10 mo.).....	\$ 1 600
11. W. E. Harnish, Teacher (10 mos.).....	1 900
12. Helen Taylor, Teacher (10 mos.).....	1 900
13. _____, Teacher (10 mos.).....	1 800
14. W. Habberton, Teacher (10 mos.).....	1 800
15. J. M. Harvey, Teacher (10 mos.).....	1 900
16. Frances D. Wilson (Mrs.), Teacher (10 mos.).....	1 600
17. Dorles C. Stutzman, Teacher (10 mos.).....	1 500
18. Mabel Rea Hagen (Mrs.), Teacher (10 mos.).....	1 600
19. Mrs. E. Sullivan, Librarian (10 mos.; C. S.).....	1 500
20. Velma I. Kitchell, Teacher ($\frac{9}{10}$ time; 10 mos.).....	1 000
(School of Music.....)	750)
(Total salary.....)	1 750)
21. Margaret Lamberton, Stenographer and Clerk (C. S.).....	1 020
(Administration.....)	420)
(Total salary.....)	1 440)

Total, Supervision and High School Instruction..... \$ 35 020

Bureau of Educational Research

1. W. S. Monroe, Professor of Education (Indef.); Director (1 yr.)... \$	5 500
2. C. W. Odell, Associate Professor (Indef.) (Salary under Education).....	.....
3. V. T. Smith, Assistant (1 yr.).....	1 600
4. M. D. Engelhart, Assistant (1 yr.).....	1 800
5. T. T. Hamilton, Assistant (1 yr.).....	1 600
6. Helen M. Putnam, Chief Clerk (C. S.).....	1 620
7. Elsie Burt (Mrs.), Stenographer (C. S.).....	1 320
8. Katherine S. Ashley (Mrs.), Clerk and Typist (C. S.).....	1 140

Total, Bureau of Educational Research..... \$ 14 680

Agricultural Education

1. A. W. Nolan, Associate Professor (Indef.)..... \$	4 500
2. B. C. Lawson, Instructor (12 mos.).....	2 500
3. H. J. Rucker, Instructor (12 mos.).....	2 400
4. Melvin Henderson, Assistant ($\frac{3}{4}$ time; 12 mos.).....	1 800

Total, Agricultural Education..... \$ 11 200

Home Economics Education

1. Anna Belle Robinson, Associate (12 mos.)..... \$	2 700
2. Elizabeth Todd, Associate (12 mos.).....	2 700
3. Florence King, Instructor (10 mos.).....	2 400

Total, Home Economics Education..... \$ 7 800

Industrial Education

1. A. B. Mays, Professor (Indef.)..... \$	4 750
2. A. F. Dodge, Assistant Professor (2 yrs. from Sept. 1, 1929).....	4 000
3. H. H. Braucher, Associate (12 mos.).....	1 700
(Supervision and High School Instruction.....)	1 200)
(Total salary.....)	2 900)
4. R. T. Gregg, Assistant (10 mos.).....	1 600
5. Lillian Hart, Secretary (1 yr.; exempt).....	500
(Administration.....)	1 200)
(Summer Session.....)	200)
(Total salary.....)	1 900)

Total, Industrial Education..... \$ 12 550

**COLLEGE OF ENGINEERING
AND ENGINEERING EXPERIMENT STATION**

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 17 640 00	\$ 5 700 00	\$ 23 340 00
Architecture.....	67 560 00	4 775 00	72 335 00
Ceramic Engineering.....	24 300 00	5 700 00	30 000 00
Civil Engineering.....	56 700 00	4 750 00	61 450 00
Electrical Engineering.....	46 440 00	6 600 00	53 040 00
General Engineering Drawing.....	37 100 00	2 200 00	39 300 00
Mechanical Engineering.....	111 140 00	14 625 00	125 765 00
Mining Engineering.....	15 440 00	1 300 00	16 740 00
Physics.....	67 196 00	8 850 00	76 046 00
Railway Engineering.....	19 840 00	2 080 00	21 920 00
Theoretical and Applied Mechanics..	50 760 00	5 000 00	55 760 00
<i>Total, College</i>	<i>(514 116 00)</i>	<i>(61 580 00)</i>	<i>(575 696 00)</i>
Engineering Experiment Station....	69 800 00	25 805 00	95 605 00
Coal Mines Investigation.....	3 300 00	2 000 00	5 300 00
<i>Grand Total</i>	<i>\$587 216 00</i>	<i>\$ 89 385 00</i>	<i>\$676 601 00</i>

Administration

	<i>Salary</i>
1. M. S. Ketchum, Dean of the College of Engineering, and Director of the Engineering Experiment Station (Indef.).....	\$ 8 500
2. H. H. Jordan, Assistant Dean of the College of Engineering (1 yr.). (General Engineering Drawing.....)	1 000 5 000
(Total salary.....)	6 000
3. Marie Huber, Secretary to the Dean (12 mos.; exempt).....	2 000
4. Carolyn N. Agee, Chief Stenographer (C. S.).....	1 500
5. _____, Record Clerk (C. S.).....	1 400
6. Helen Bruner, Stenographer (C. S.).....	1 200
7. Mildred Montgomery, Stenographer (C. S.).....	1 080
8. Lucile Small, Stenographer (C. S.).....	960
<i>Total, Administration</i>	<i>\$ 17 640</i>

Architecture

1. L. H. Provine, Professor of Architectural Engineering and Head of Department of Architecture (Indef.).....	\$ 6 500
2. J. M. White, Professor of Architectural Engineering (Indef.); Supervising Architect, and Superintendent of Business Operations (1 yr.) (Salary under Physical Plant).....	.....
3. R. Newcomb, Professor of History of Architecture (Indef.).....	6 500
4. L. C. Dillenback, Professor of Architectural Design (Indef.).....	5 500
5. C. E. Palmer, Professor of Architectural Engineering (Indef.).....	4 800
6. N. D. Morgan, Associate Professor of Architectural Engineering (Indef.).....	4 000
7. L. Bailey, Assistant Professor of Architectural Design (2 yrs. from Sept. 1, 1929).....	3 300
8. T. E. O'Donnell, Assistant Professor (2 yrs. from Sept. 1, 1929)...	3 600
9. W. A. Foster, Assistant Professor of Rural Architecture (2 yrs. from Sept. 1, 1929).....	3 800
10. O. S. Fjelde, Associate (1 yr.).....	3 000
11. J. A. Hartell, Associate (1 yr.).....	3 000
12. F. M. Lescher, Associate (1 yr.).....	3 000
13. G. S. Keith, Instructor (10 mos.).....	2 400
14. J. W. Kennedy, Instructor in Freehand Drawing (10 mos.).....	2 600
15. E. I. Love, Instructor (10 mos.).....	2 300
16. J. D. Hogan, Instructor (10 mos.).....	2 200
17. Max Abramovitz, Assistant (10 mos.).....	1 700
18. G. L. Horner, Assistant (10 mos.).....	1 900

	<i>Salary</i>
19. M. W. Kleinman, Assistant (10 mos.).....	\$ 1 700
20. D. P. Ayres, Assistant (10 mos.).....	1 900
21. P. A. Bezy, Assistant (¾ time; 10 mos.).....	1 000
22. J. J. Fiscus, Assistant and Storekeeper (C. S.).....	1 600
23. Mildred C. Barber (Mrs.), Clerk and Stenographer (C. S.).....	1 260
<i>Total, Architecture</i>	\$ 67 560

Ceramic Engineering

1. C. W. Parmelee, Professor of Ceramic Engineering and Head of Department (Indef.).....	\$ 6 500
2. R. K. Hursh, Professor (Indef.).....	4 500
3. A. I. Andrews, Associate Professor (Indef.).....	4 000
4. C. L. Thompson, Instructor (10 mos.).....	2 000
5. E. G. Bourne, Laboratory Demonstrator and Potter (12 mos.).....	2 300
6. W. B. McDavitt, Assistant Laboratory Demonstrator (12 mos.)...	2 000
7. J. H. Cain, Laboratory Attendant (C. S.).....	1 800
8. Gertrude Coady, Clerk and Stenographer (C. S.).....	1 200
<i>Total, Ceramic Engineering</i>	\$ 24 300

Civil Engineering

1. W. C. Huntington, Professor of Civil Engineering and Head of Department (Indef.).....	\$ 6 500
2. H. Cross, Professor of Structural Engineering (Indef.).....	5 000
3. H. E. Babbitt, Professor of Sanitary Engineering (Indef.) (On leave with half pay for 1929-30).....	4 500
4. J. S. Crandell, Professor of Highway Engineering (Indef.).....	4 500
5. G. W. Pickels, Associate Professor of Drainage Engineering (Indef.)	4 200
6. W. H. Rayner, Assistant Professor of Surveying (1 yr.).....	3 300
7. C. C. Wiley, Assistant Professor of Highway Engineering (1 yr.)...	3 300
8. J. Vawter, Assistant Professor (1 yr.).....	3 500
9. T. C. Shedd, Assistant Professor of Structural Engineering (1 yr.)..	3 500
10. J. J. Doland, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 700
11. E. E. Bauer, Associate (1 yr.).....	2 700
12. F. W. Stubbs, Associate (1 yr.).....	3 000
13. G. H. Dell, Instructor (10 mos.).....	2 700
14. H. E. Wessman, Instructor (10 mos.).....	2 700
15. G. E. Spencer, Instructor (10 mos.).....	2 100
16. H. E. Schlenz, Instructor (10 mos.) (Salary paid from unused portion of salary of H. E. Babbitt, absent on leave; not included in total).....	(2 250)
17. L. Louise Gibson, Clerk and Stenographer (C. S.).....	1 500
<i>Total, Civil Engineering</i>	\$ 56 700

Electrical Engineering

1. E. B. Paine, Professor of Electrical Engineering and Head of Department (Indef.).....	\$ 6 500
2. Morgan Brooks, Professor, <i>Emeritus</i>	1 800
3. E. H. Waldo, Assistant Professor of Electrical Design (2 yrs. from Sept. 1, 1929).....	3 500
4. A. R. Knight, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 500
5. E. A. Reid, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 500
6. H. A. Brown, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 500
7. H. J. Reich, Assistant Professor (1 yr.).....	3 000
8. J. O. Kraehenbuehl, Associate (1 yr.).....	3 000
9. C. A. Keener, Associate (1 yr.).....	3 000
10. M. A. Faucett, Instructor (10 mos.).....	2 400
11. C. E. Skroder, Instructor (10 mos.).....	2 600
12. L. B. Archer, Instructor (10 mos.).....	2 400

	<i>Salary</i>
13. _____, Instructor (10 mos.)	\$ 2 300
14. H. N. Hayward, Instructor (10 mos.)	2 000
15. W. S. Goodspeed, Mechanician (C. S.)	2 000
16. Philomena Marquardt, Clerk and Stenographer (C. S.)	1 440
<i>Total, Electrical Engineering</i>	\$ 46 440

General Engineering Drawing

1. H. H. Jordan, Professor of General Engineering Drawing and Head of Department (Indef.)	\$ 5 000
(Engineering Administration	1 000)
(Total salary	6 000)
2. R. P. Hoelscher, Associate Professor (Indef.)	4 300
3. F. M. Porter, Assistant Professor (2 yrs. from Sept. 1, 1929)	3 200
4. R. Michel, Assistant Professor (1 yr.)	3 500
5. R. A. Hall, Assistant Professor (1 yr.)	3 000
6. R. S. Crossman, Associate (1 yr.)	2 500
7. C. H. Springer, Associate (1 yr.)	2 700
8. A. Jorgensen, Instructor (10 mos.)	2 400
9. S. G. Hall, Instructor (10 mos.)	2 400
10. _____, Instructor (10 mos.)	2 200
11. L. D. Walker, Instructor (10 mos.)	2 200
12. P. E. Nielsen, Instructor (10 mos.)	1 900
13. H. H. Black, Assistant (10 mos.)	1 800
<i>Total, General Engineering Drawing</i>	\$ 37 100

Mechanical Engineering

1. A. C. Willard, Professor of Heating and Ventilation and Head of Department (Indef.)	\$ 8 500
2. G. A. Goodenough, Professor of Thermodynamics (Indef.)	7 500
3. O. A. Leutwiler, Professor of Mechanical Engineering Design (Indef.)	6 000
4. J. A. Polson, Professor of Steam Engineering (Indef.)	5 000
5. C. W. Ham, Professor of Machine Design (Indef.)	4 800
6. C. H. Casberg, Manager of Shop Laboratories (Indef.)	5 000
7. H. J. Macintire, Associate Professor of Refrigeration (Indef.)	4 000
8. W. H. Severns, Associate Professor (Indef.)	3 800
9. M. R. Riddell, Associate Professor of Aeronautical Engineering and Assistant to the Director of the Engineering Experiment Station (2 yrs. from Sept. 1, 1929) (Salary under Engineering Experiment Station) .....	.....
10. H. E. Degler, Assistant Professor (2 yrs. from Sept. 1, 1929)	3 500
11. P. E. Henwood, Associate in Machine Design (1 yr.)	2 800
12. W. N. Espy, Associate (1 yr.)	3 200
13. P. E. Mohn, Associate (1 yr.)	2 700
14. P. H. Black, Instructor (10 mos.)	2 100
15. J. C. Reed, Instructor (10 mos.)	1 900
16. R. F. Larson, Instructor (10 mos.)	2 200
17. D. G. Ryan, Instructor (10 mos.)	2 300
18. E. E. Ambrosius, Assistant (10 mos.)	1 900
19. F. H. Thomas, Superintendent of Machine Laboratory (1 yr.)	3 000
20. E. T. Lanham, Superintendent of Forge Laboratory (2 yrs. from Sept. 1, 1929)	2 800
21. B. R. Hall, Superintendent of Pattern Laboratory (2 yrs. from Sept. 1, 1929)	2 400
22. W. H. Spencer, Superintendent of Foundry Laboratory (1 yr.)	3 000
23. C. J. Starr, Assistant Superintendent of Machine Laboratory (1 yr.)	2 500
24. T. C. Earnill, Assistant Superintendent of Foundry Laboratory (1 yr.)	2 400
25. C. E. Schubert, Assistant Superintendent of Foundry Laboratory (1 yr.)	2 400

	<i>Salary</i>
26. A. D. Wright, Assistant Superintendent of Pattern Laboratory (10 mos.).....	\$ 2 100
27. R. L. Scorah, Assistant in the Forge Laboratory (1 yr.).....	2 400
28. C. E. Derrough, Assistant in the Machine Laboratory (1 yr.).....	2 300
29. E. B. Corbin, Mechanician in the Shop Laboratories (C. S.).....	2 000
30. G. J. Oehmke, Mechanician in the Mechanical Engineering Laboratory (C. S.).....	2 000
31. M. W. Hoag, Mechanician in the Mechanical Engineering Laboratory (C. S.).....	2 000
32. C. G. Bradley, Mechanician in the Mechanical Engineering Laboratory (C. S.).....	2 000
33. T. E. Parsons, Assistant Mechanician in the Shop Laboratories (C. S.).....	1 500
34. M. B. Singer, Assistant Mechanician in the Shop Laboratories (C. S.).....	1 500
35. I. E. Douglas, Tool-room Attendant in the Mechanical Engineering Laboratory (C. S.).....	1 300
36. C. D. Floyd, Tool-room Attendant in the Machine Laboratory (C. S.).....	1 200
37. M. J. Shaff, Tool-room Attendant in the Foundry Laboratory (C. S.) (10 mos.).....	1 150
38. J. H. Huffer, Tool-room Attendant in the Pattern Laboratory (10 mos.) (C. S.).....	1 100
39. Beulah Dent (Mrs.), Secretary (C. S.).....	1 700
40. Irene Glotfely (Mrs.), Clerk and Stenographer (C. S.).....	1 140
<i>Total, Mechanical Engineering</i>	\$111 090

Mining Engineering

1. A. C. Callen, Professor of Mining Engineering and Head of Department (Indef.).....	\$ 7 000
2. D. R. Mitchell, Associate (1 yr.).....	3 000
3. H. P. Nicholson, Instructor (10 mos.).....	2 500
4. H. J. Van Derbeek, Mechanician (C. S.).....	1 800
5. Vannie L. Sheiry, Clerk and Stenographer (C. S.).....	1 140
<i>Total, Mining Engineering</i>	\$ 15 440

Physics

1. F. W. Loomis, Professor of Physics and Head of Department (Indef.).....	\$ 7 000
2. A. P. Carman, Professor, <i>Emeritus</i>	3 000
3. C. T. Knipp, Professor of Experimental Electricity (Indef.).....	6 000
4. F. R. Watson, Professor of Experimental Physics (Indef.).....	6 000
5. J. Kunz, Professor of Mathematical Physics (Indef.).....	5 000
6. W. F. Schulz, Associate Professor (Indef.).....	3 600
7. E. H. Williams, Associate Professor of Experimental Physics (Indef.).....	3 600
8. E. E. Libman, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 800
9. R. F. Paton, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 800
10. W. H. Sanders, Instructor (10 mos.).....	2 500
11. R. W. Tyler, Assistant (10 mos.).....	1 400
12. C. D. Hause, Assistant (¾ time; 10 mos.).....	1 200
13. C. E. Ireland, Assistant (¾ time; 10 mos.).....	1 200
14. C. N. Challacombe, Assistant (½ time; 10 mos.).....	700
15. F. W. Cooke, Assistant (½ time; 10 mos.).....	700
16. F. M. Sparks, Assistant (½ time; 10 mos.).....	700
17. H. Q. Fuller, Assistant (½ time; 10 mos.).....	700
18. A. N. Guthrie, Assistant (½ time; 10 mos.).....	700
19. R. E. Nusbaum, Assistant (½ time; 10 mos.).....	700
20. L. N. Scheuerman, Assistant (½ time; 10 mos.).....	700

	<i>Salary</i>
21. W. H. Furry, Assistant ($\frac{1}{2}$ time; 10 mos.).....	\$ 700
22. J. J. Gibbons, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
23. W. N. Smith, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
24. P. C. Ludolph, Assistant (10 mos.).....	1 400
25. F. W. Brown, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
26. M. C. Watson, Assistant ($\frac{1}{2}$ time; 10 mos.).....	700
27. I. G. Ross, Assistant ($\frac{1}{4}$ time; 10 mos.).....	350
28. C. W. Fieg, Mechanician (C. S.).....	1 900
29. C. F. Tennant, Assistant Mechanician (C. S.).....	1 380
30. W. C. Deem, Assistant Mechanician (C. S.).....	1 600
31. H. T. Wyninger, Storekeeper and Lecture Attendant (C. S.).....	1 700
32. Della M. Rogers, Secretary (C. S.).....	1 600
33. A. Tornquist, Mechanician (Retired).....	766
<i>Total, Physics</i>	\$ 67 196

Railway Engineering

1. E. C. Schmidt, Professor of Railway Engineering and Head of Department (Indef.).....	\$ 6 000
2. E. E. King, Professor of Railway Civil Engineering (Indef.).....	4 800
3. J. K. Tuthill, Assistant Professor of Railway Electrical Engineering (2 yrs. from Sept. 1, 1929).....	3 500
4. H. J. Schrader, Instructor in Railway Mechanical Engineering (10 mos.).....	2 600
5. H. R. Higgins, Mechanician (C. S.).....	1 800
6. Mollie M. Faullin, Clerk and Stenographer (C. S.).....	1 140

Total, Railway Engineering.....\$ 19 840

Theoretical and Applied Mechanics

1. M. L. Enger, Professor of Mechanics and Hydraulics and Head of Department of Theoretical and Applied Mechanics (Indef.)..	\$ 7 000
2. A. N. Talbot, Professor of Municipal and Sanitary Engineering, <i>Emeritus</i>	3 000
3. F. B. Seely, Professor (Indef.).....	6 000
4. H. M. Westergaard, Professor (Indef.).....	4 500
5. V. R. Fleming, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 300
6. N. E. Ensign, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 600
7. W. J. Putnam, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 600
8. J. O. Draffin, Assistant Professor (2 yrs. from Sept. 1, 1929).....	3 600
9. W. L. Schwalbe, Associate (1 yr.).....	2 600
10. J. W. Howe, Instructor (10 mos.).....	2 400
11. _____, Instructor (10 mos.).....	2 400
12. W. M. Lansford, Instructor (10 mos.).....	2 000
13. _____, Instructor (10 mos.).....	2 000
14. A. J. Nickerson, Assistant and Storekeeper (C. S.).....	1 500
15. R. Pergande, Mechanician (C. S.).....	2 000
16. Laura O. Browning, Clerk and Stenographer (C. S.).....	1 260

Total, Theoretical and Applied Mechanics.....\$ 50 760

Engineering Experiment Station

1. M. S. Ketchum, Dean of the College of Engineering and Director of the Engineering Experiment Station (Indef.) (Salary under College Administration).....	.....
2. M. R. Riddell, Assistant to the Director and Associate Professor of Aeronautical Engineering (2 yrs. from Sept. 1, 1929).....	\$ 4 000
3. D. B. Keyes, Professor of Industrial Chemistry ($\frac{1}{2}$ time; indef.)... (Chemistry, L. A. S.).....	3 000
(Total salary.....)	6 000)

	<i>Salary</i>
4. S. W. Parr, Professor of Applied Chemistry, <i>Emeritus</i>\$	1 500
(Chemistry, L. A. S.)	1 500)
(Total salary	3 000)
5. H. F. Moore, Research Professor of Engineering Materials (Indef.)	7 500
6. W. M. Wilson, Research Professor of Structural Engineering (Indef.)	6 000
7. A. P. Kratz, Research Professor of Mechanical Engineering (Indef.)	4 600
(Paid from Warm Air Furnace Research Funds.....)	1 400)
(Total salary	6 000)
8. E. G. Young, Research Professor of Railway Mechanical Engineering (Indef.).....	4 200
9. J. F. Quereau, Special Research Assistant (until further notice) (Paid from Warm Air Furnace Research funds.....)	2 800)
10. F. E. Richart, Research Associate Professor of Theoretical and Applied Mechanics (Indef.).....	4 800
11. H. R. Thomas, Special Research Associate Professor of Engineering Materials (Until further notice) (Paid from special funds for cooperative research work.....)	4 500)
12. J. T. Tykociner, Research Professor of Electrical Engineering (Indef.).....	5 000
13. R. D. Rudd, Research Assistant in Ceramic Engineering (1 yr.)...	2 400
14. R. L. Brown, Research Associate in Theoretical and Applied Mechanics (1 yr.).....	2 400
15. A. E. Hershey, Research Assistant in Mechanical Engineering (1 yr.)	2 500
16. Sherlock Swann, Jr., Research Associate in Chemical Engineering (1 yr.).....	2 500
17. R. E. Gould, Research Associate in Mechanical Engineering (1 yr.)	2 800
18. J. G. Lowther, Research Assistant in Mechanical Engineering (1 yr.)	2 000
19. Dana Burks, Special Research Associate in Chemical Engineering (until further notice) (Paid from funds for cooperative investigation of Water Treatment for Ice Making.....)	3 800)
20. F. G. Straub, Special Research Associate in Chemical Engineering (until further notice) (Paid from funds for cooperative investigation of Boiler Feed Water Treatment.....)	3 600)
21. S. W. Lyon, Special Research Assistant in Engineering Materials (until further notice) (Paid from funds for cooperative investigation supported by Utilities Research Commission.....)	2 800)
22. W. J. Woodruff, Special Research Assistant in Mechanical Engineering (until further notice) (Paid from funds for cooperative investigation of Combustive Tests of Illinois Coals.....)	4 800)
23. L. P. Morris, Special Research Assistant in Electrical Engineering (July 1, 1929, until further notice) (Paid from funds for cooperative investigation of Methods of Testing High Voltage Cables.....)	2 000)
24. N. J. Alleman, Special Research Assistant in Engineering Materials (until further notice) (Paid from funds for research supported by Utilities Research Commission.....)	2 600)
25. M. K. Fahnestock, Special Research Associate in Mechanical Engineering (until further notice) (Paid from funds for cooperative investigation of Steam and Hot Water Heating.....)	3 000)
25a. A. C. Robertson, Special Research Assistant in Chemical Engineering (August 1, 1929, until further notice) (Paid from funds for cooperative investigation of Effect of Products of Combustion on Flue Piping, supported by Utilities Research Commission.....)	3 600)
26. W. R. Morgan, Special Research Assistant in Ceramic Engineering (until further notice) (Paid from funds for cooperative investigation of Clay Sewer Pipe.....)	3 000)
27. _____, Special Research Assistant in Theoretical and Applied Mechanics (until further notice) (Paid from funds for cooperative investigation of Cast Iron Pipe.....)	2 000)

	<i>Salary</i>
28. R. D. Snow, Special Research Assistant in Chemical Engineering (until further notice) (Paid from funds for investigation of Partial Oxidation).....	\$ 3 800)
29. H. F. Johnstone, Special Research Associate in Chemical Engineering (until further notice) (Paid from funds for the cooperative investigation of Corrosion by Flue Gases).....	3 500)
30. E. A. Hertzell, Special Research Assistant in Ceramic Engineering (until further notice) (Paid from funds for cooperative investigation of the Effects of Products of Combustion on Quality of Enamel Baked in Gas Furnace).....	2 700)
31. V. P. Jensen, Special Research Assistant in Theoretical and Applied Mechanics (until further notice) (Paid from funds for cooperative investigation of Concrete Made with Light Aggregate	1 800)
32. A. J. Monack, Special Research Assistant in Ceramic Engineering (until further notice) (Paid from funds for cooperative investigation of Ageing of Porcelain).....	2 400)
33. ———, Special Research Assistant in Mechanical Engineering (until further notice) (Paid from funds for cooperative investigation of Combustion Tests of Illinois Coals).....	1 800)
34. W. T. Pope, Mechanician for research work in Civil Engineering (C. S.).....	2 000
35. G. H. Powers, Assistant Mechanician for research work in Electrical Engineering (C. S.).....	1 400
36. E. F. Heater, Draftsman (C. S.).....	2 300
37. Wilhelmina Luther, Editorial Assistant (C. S.).....	1 700
38. Harriet Postlewait, Clerk and Stenographer (C. S.).....	1 500
39. Dorsie R. Baize, Stenographer (C. S.).....	340
(Chemistry, L. A. S.).....	680)
(Total salary).....	1 020)
40. Walter Kletting, Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929).....	600
41. W. A. Laning, Jr., Research Graduate Assistant in Electrical Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929).....	600
42. K. C. Tippy, Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929).....	600
43. Alfred Hedefine, Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929).....	600
44. R. E. Lewis, Research Graduate Assistant in Mechanical Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929).....	600
45. F. P. Thomas, Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929).....	600
46. M. F. Lindeman, Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1928).....	600
47. N. H. Barnard, Research Graduate Assistant in Railway Engineering (2 yrs. of 10 mos. each from Sept. 1, 1928).....	600
48. H. J. Stoever, Research Graduate Assistant in Mechanical Engineering (2 yrs. of 10 mos. each from Sept. 1, 1928).....	600
49. ———, Research Graduate Assistant in Gas Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929).....	(600) ¹
50. R. M. Lawrence, Research Graduate Assistant in Gas Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929).....	(600) ¹
51. Joseph Marin, Special Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1928).....	(600) ²
52. James Mather, Special Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1928).....	(600) ²
53. N. H. Roy, Special Research Graduate Assistant in Theoretical and Applied Mechanics (2 yrs. of 10 mos. each from Sept. 1, 1928)	(600) ³

¹Funds supplied by Illinois Gas Assn.; not included in total.

²Funds supplied by Chicago Bridge and Iron Works; not included in total.

³Funds supplied by Utilities Research Com.; not included in total.

	<i>Salary</i>
54. C. G. Harman, Special Research Graduate Assistant in Ceramic Engineering (10 mos.).....	\$ (600) ¹
55. D. E. Larson, Special Research Graduate Assistant in Civil Engineering (10 mos.).....	(600) ²
56. R. W. Kluge, Special Research Graduate Assistant in Civil Engineering (10 mos.).....	(600) ²
57. H. E. Dew, Special Research Graduate Assistant in Civil Engineering (1½ yrs. of 10 mos. each from Sept. 1, 1929).....	(600) ³
58. R. B. Moorman, Special Research Graduate Assistant in Civil Engineering (1½ yrs. of 10 mos. each from Sept. 1, 1929).....	(600) ³
59. E. C. Clemens, Special Research Graduate Assistant in Ceramic Engineering (1 yr. of 10 mos. from Feb. 1, 1929).....	(600) ³
60. L. R. Shardlow, Special Research Graduate Assistant in Ceramic Engineering (10 mos.).....	(600) ¹
61. H. W. Alexander, Special Research Graduate Assistant in Ceramic Engineering (10 mos.).....	(600) ¹
62. O. E. Mulvane, Special Research Assistant in Ceramic Engineering (10 mos.).....	(600) ¹
<i>Total, Engineering Experiment Station</i>	\$ 69 800

Cooperative Mines Investigation

1. Cloyde M. Smith, Research Associate in Mining Engineering (1 yr.)	\$ 3 300
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**COLLEGE OF AGRICULTURE
AND AGRICULTURAL EXPERIMENT STATION**

	Summary		
	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 24 930 00	\$ 10 800 00	\$ 35 730 00
Agricultural Economics.....	5 500 00		5 500 00
Agricultural College Extension....	10 680 00	7 250 00	17 930 00
Agronomy.....	114 420 00	76 198 00	190 618 00
Soil Survey Reports, Printing.....		7 500 00	7 500 00 ⁴
Animal Husbandry.....	92 975 00	159 030 00	252 005 00
Dairy Husbandry.....	53 387 00	63 850 00	117 237 00
Dairy Creamery.....	3 480 00	102 200 00	105 680 00
Farm Mechanics.....	18 270 00	9 000 00	27 270 00
Farm Organization and Management.....	26 960 00	8 050 00	35 010 00
Home Economics.....	50 633 00	7 425 00	58 058 00
Home Economics Cafeteria.....	1 400 00	11 600 00	13 000 00
Horticulture.....	94 820 00	78 720 00	173 540 00
<i>Sub-total</i>	(497 455 00)	(541 623 00)	(1 039 078 00)
Cook County Experiment Station.....	2 800 00	8 100 00	10 900 00
Purnell Fund.....	34 938 89	25 061 11	60 000 00
Smith-Lever.....	204 420 00	35 204 34	239 624 34
Extension Revolving.....		2 000 00	2 000 00
Capper-Ketcham.....	37 800 00	2 367 48	40 167 48
<i>Grand Total</i>	\$777 413 89	\$614 355 93	\$1 391 769 82

¹Paid from funds supplied by the Utilities Research Commission; not included in total.

²Funds supplied by Am. Soc. Civil Engineers; not included in total.

³Funds supplied by Ill. Clay Products Assn.; not included in total.

⁴Unexpended balance will lapse Sept. 30, 1930.

RESOURCES FOR AGRICULTURAL BUDGET

	<i>University and Federal Funds</i>	<i>Estimated Receipts¹</i>
Administration.....	\$ 35 730 00	
Agricultural Economics.....	5 500 00	
Agricultural College Extension.....	17 930 00	
Agronomy.....	179 818 00	\$ 10 800 00
Soil Survey Reports, Printing.....	7 500 00	
Animal Husbandry.....	183 255 00	68 750 00
Dairy Husbandry.....	79 417 00	37 820 00
Dairy Creamery.....		105 680 00
Farm Mechanics.....	26 970 00	300 00
Farm Organization and Management.....	35 010 00	
Home Economics.....	58 058 00	
Home Economics Cafeteria.....		13 000 00
Horticulture.....	148 040 00	25 500 00
<i>Sub-total</i>	(777 228 00)	(261 850 00)
Cook County Experiment Station.....	10 000 00	900 00
Purnell Fund.....	60 000 00	
Smith-Lever.....	239 624 34	
Extension Revolving.....		2 000 00
Capper-Ketcham.....	40 167 48	
<i>Grand Total</i>	\$1 127 019 82	\$264 750 00

COLLEGE OF AGRICULTURE

Estimated College-Station Distribution

	<i>College</i>	<i>Station</i>
Administration.....	\$ 12 100 00	\$ 23 630 00
Agricultural Economics.....		5 500 00
Agricultural College Extension.....	17 930 00	
Agronomy.....	34 159 00	156 459 00
Soil Survey Reports, Printing.....		7 500 00
Animal Husbandry.....	83 270 00	168 735 00
Dairy Husbandry.....	58 879 00	58 358 00
Dairy Creamery.....	105 680 00	
Farm Mechanics.....	15 903 00	11 367 00
Farm Organization and Management.....	6 165 00	28 845 00
Home Economics.....	58 058 00	
Home Economics Cafeteria.....	13 000 00	
Horticulture.....	102 800 00	70 740 00
<i>Sub-total</i>	(507 944 00)	(531 134 00)
Cook County Experiment Station.....		10 900 00
Purnell Fund.....		60 000 00
Smith-Lever.....	239 624 34	
Extension Revolving.....		2 000 00
Capper-Ketcham.....	40 167 48	
<i>Grand Total</i>	\$789 735 82	\$602 034 00

COLLEGE OF AGRICULTURE AND AGRICULTURAL
EXPERIMENT STATION

C = College; S = Station; E = Extension

Administration

	<i>Salary</i>
1. H. W. Mumford, Dean, College of Agriculture (C) Director, Agricultural Experiment Station (S) Director, Agricultural Extension Service (E) Professor, Animal Husbandry (C) (Indef.)..	\$ 6 500
(Smith-Lever.....)	2 000
(Total salary.....)	8 500

¹Expenditures may not exceed actual receipts if less than the estimate.

	<i>Salary</i>
2. E. Davenport, Dean and Professor, <i>Emeritus</i>	\$ 3 900
3. _____, Assistant to the Dean and Director (C&S).....	2 000
(Smith-Lever (E).....)	1 500)
(Purnell.....)	1 000)
(Total salary.....)	4 500)
4. Anna C. Glover, Secretary of Agricultural Experiment Station, Manager of Publications (S) (2 yrs.; Federal).....	3 000
5. F. J. Keilholz, Extension Editor (S&E) (2 yrs.) (Fed.).....	250
(Smith-Lever.....)	3 750)
(Total salary.....)	4 000)
6. Blanche Penrod, Editorial Assistant (1 yr.) (Fed.) (S&E).....	1 800
(Smith-Lever.....)	100)
(Total salary.....)	1 900)
7. _____, Editorial Assistant (C. S.) (1 yr.) (S).....	1 500
8. Marion C. Summerfield, Specialist in Office Organization and Man- agement (1 yr.) (Fed.) (S&E).....	.....
(Smith-Lever.....)	1 530)
(Purnell.....)	270)
(Total salary.....)	1 800)
9. _____, Secretary to Dean and Director (1 yr.; exempt) ..	1 400
10. Bess Riggs, Chief Clerk (C. S.).....	1 700
11. Victor M. Cain, Chief Clerk, Agricultural Mailing Room (C. S.) (S)	1 800
12. _____, Stenographer (C. S.).....	1 080
<i>Total, Administration</i>	\$ 24 930

Agricultural Economics

(Agricultural Experiment Station)

1. C. L. Stewart, Chief, Agricultural Economics (S) (2 yrs. from Sept. 1, 1929); Associate Professor (Indef.).....	\$ 2 500
(College of Commerce.....)	2 500)
(Purnell, Summer Research.....)	555 56)
(From Summer Session, 1929.....)	277 77)
(Total salary.....)	5 833 33)
2. L. J. Norton, Assistant Chief (S) (2 yrs. from Sept. 1, 1929); Assistant Professor (1 yr.).....	1 750
(College of Commerce.....)	1 750)
(Purnell, Summer Research.....)	583 33)
(Total salary.....)	4 083 33)
3. R. W. Bartlett, First Assistant (1 yr.) (S); Instructor (10 mos.) (College of Commerce.....)	1 250
(Total salary.....)	2 500)
<i>Total, Agricultural Economics</i>	\$ 5 500

Agricultural College Extension

1. Fred H. Rankin, Superintendent, Agricultural College Extension (Indef.); Assistant Dean (1 yr.).....	\$ 5 000
2. William H. Young, Associate, Agricultural College Extension (2 yrs. from Sept. 1, 1929).....	2 800
3. Alice V. Hamilton, Secretary to Assistant Dean (C. S.).....	1 800
4. Helen N. Matter, Stenographer (C. S.).....	1 080
<i>Total, Agricultural College Extension</i>	\$ 10 680

Agronomy

1. W. L. Burlison, Professor and Chief, Crop Production (C&S); Head of Department (Indef.).....	\$ 7 000
2. C. F. Hottes, Consulting Plant Physiologist (S) (1/2 time; 1 yr.) ..	1 000
(College of Liberal Arts and Sciences.....)	5 000)
(Total salary.....)	6 000)

	<i>Salary</i>
3. L. H. Smith, Chief in charge of Publications of Soil Survey (S) (Indef.).....	\$ 4 500
4. F. C. Bauer, Professor, Soils Extension (E) Chief, Soil Experiment Fields (S) (Indef.).....	4 550
(Smith-Lever.....)	250)
(Total salary.....)	4 800)
5. J. C. Hackleman, Professor and Chief, Crops Extension (E&S) (2 yrs. from Sept. 1, 1929) (Salary under Smith-Lever.....)	4 800)
6. E. E. DeTurk, Professor and Chief, Soil Technology (C&S). In charge of Soil Analysis of Soil Survey (2 yrs. from Sept. 1, 1929)	4 250
7. R. S. Smith, Professor and Chief, Soil Physics (C&S). In charge of Identification and Mapping of Soil Types (2 yrs. from Sept. 1, 1929).....	4 800
8. C. M. Woodworth, Professor and Chief, Plant Breeding (C&S) (2 yrs. from Sept. 1, 1929).....	4 250
9. H. J. Snider, Assistant Chief, Soil Experiment Fields (S) (2 yrs. from Sept. 1, 1929).....	3 300
10. D. C. Wimer, Assistant Professor and Assistant Chief, Soil Physics (C&S) (2 yrs. from Sept. 1, 1929).....	3 250
11. O. H. Sears, Assistant Professor and Assistant Chief, Soil Biology (C&S) (2 yrs. from Sept. 1, 1929).....	3 800
12. J. J. Pieper, Assistant Professor and Assistant Chief, Crop Production (C&S) (2 yrs. from Sept. 1, 1929).....	3 750
13. G. H. Dungan, Assistant Professor and Assistant Chief, Crop Production (C&S) (2 yrs. from Sept. 1, 1929).....	3 750
14. Benjamin Koehler, Assistant Chief, Crop Pathology (S) (2 yrs. from Sept. 1, 1929).....	3 600
15. O. I. Ellis, Assistant Chief, Soil Survey Mapping (S) (1 yr.).....	2 800
16. E. A. Norton, Assistant Chief, Soil Survey Mapping (S) (2 yrs. from Sept. 1, 1929).....	3 200
17. C. M. Linsley, Assistant Professor, Soils Extension (E) (2 yrs. from Sept. 1, 1929).....	.....
(Salary under Smith-Lever.....)	3 200)
18. L. F. Rickey, Associate, Grain Marketing Technology (C&S) (1 yr.) (Purnell.....)	1 000
(Total salary.....)	2 600)
19. R. L. Matlock, Assistant, Crop Production (C&S) (1 yr.).....	3 600)
20. F. M. Willhite, First Assistant, Soil Fertility (S) (1 yr.).....	1 800
21. C. H. Farnham, Assistant, Soil Experiment Fields and Soils Extension (S&E) (1 yr.).....	1 700
(Smith-Lever.....)	950
(Total salary.....)	450)
22. M. B. Harland, Associate, Soil Physics (C&S) (1 yr.).....	1 400)
23. R. S. Stauffer, Associate, Soil Physics (C&S) (2 yrs. from Sept. 1, 1929).....	2 100
24. A. L. Lang, Associate, Soil Experiment Fields (S) (2 yrs. from Sept. 1, 1929).....	2 400
25. F. H. Crane, Associate, Soil Fertility (C&S) (2 yrs. from Sept. 1, 1929).....	2 400
26. C. J. Badger, Associate, Soil Experiment Fields (S) (2 yrs. from Sept. 1, 1929).....	2 500
27. R. H. Bray, Associate, Soil Survey Analysis (S) (1 yr.).....	2 000
28. A. U. Thor, First Assistant, Soil Experiment Fields (S) (2 yrs. from Sept. 1, 1929).....	2 500
29. J. C. Anderson, First Assistant, Soil Fertility (S) (1 yr.).....	2 100
30. W. J. Mumm, Instructor and First Assistant, Plant Breeding (C&S) (1 yr.).....	1 800
31. D. C. Maxwell, Assistant, Soil Survey Mapping (S) (1 yr.).....	2 100
32. L. B. Miller, Assistant, Soil Experiment Fields (S) (1 yr.).....	2 200
33. Eric Winters, Jr., Assistant, Soil Physics and Soil Survey Mapping (C&S) (1 yr.).....	2 000
	1 600

	<i>Salary</i>
34. L. K. Eby, Assistant, Soil Survey Analysis (S) (1 yr.).....	\$ 1 400
35. F. E. Schlots, Assistant, Soil Experiment Fields (S) (1 yr.).....	1 600
36. Herman Wascher, Assistant, Soil Survey Mapping (S) (1 yr.).....	1 800
37. O. T. Bonnett, Assistant, Plant Breeding (C&S) (1 yr.).....	1 800
38. E. B. Earley, Assistant, Soil Experiment Fields and Soil Fertility (S) (1 yr.).....	1 600
39. Allan Kirkwood, Assistant, Soil Experiment Fields (S) (1 yr.).....	1 400
40. _____, Assistant, Soil Survey Analysis (S) (1 yr.).....	1 400
41. _____, Assistant, Soil Biology (C&S) (1 yr.).....	1 800
42. M. L. Hershberger, Assistant, Soil Biology (C&S) (½ time; 1 yr.).....	720
43. _____, Assistant, Soil Biology (C&S) (½ time; 1 yr.).....	720
44. C. A. Van Doren, Assistant, Crop Production (S) (½ time; 1 yr.)..	720
45. B. Dundas, Assistant, Plant Breeding (S) (½ time; 1 yr.).....	720
46. Lillian Hixson, Junior Accountant (C. S.).....	1 800
47. Cecele Schlarman, Head Stenographer (C. S.).....	1 800
48. Sybil K. Nagle, Secretary, Soil Physics (C. S.).....	1 380
49. Anne M. Cohen, Stenographer (C. S.).....	1 080
50. Iva B. Forker (Mrs.), Stenographer (C. S.).....	1 140
51. Gladys Paul, Stenographer (C. S.).....	1 080
52. Mary Pierce (Mrs.), File Clerk (C. S.).....	1 200
53. W. A. McIntire, Retired.....	310
<i>Total, Agronomy.....</i>	<i>\$114 420</i>

Animal Husbandry

1. H. P. Rusk, Professor and Chief, Cattle Husbandry (C&S), Head of Department (Indef.).....	\$ 6 500
2. R. Graham, Professor and Chief, Animal Pathology and Hygiene (CS&E) (Indef.).....	3 500
(Smith-Lever.....)	2 000)
(Total salary.....)	5 500)
3. L. E. Card, Professor and Chief, Poultry Husbandry (C&S) (Indef.)	5 000
4. J. L. Edmonds, Professor and Chief, Horse Husbandry (C&S) (Indef.).....	5 000
5. H. H. Mitchell, Professor and Chief, Animal Nutrition (C&S) (Indef.).....	4 800
6. W. H. Smith, Professor and Chief, Animal Husbandry Extension (E&S) (1 yr.).....	.....
(Smith-Lever.....)	4 750)
7. W. E. Carroll, Professor and Chief, Swine Husbandry (C&S) (Indef.).....	4 500
8. H. S. Grindley, Professor, <i>Emeritus</i>	2 000
9. E. Roberts, Associate Professor and Associate Chief, Animal Genetics (C&S) (2 yrs. from Sept. 1, 1929).....	4 000
10. E. T. Robbins, Associate Professor, Animal Husbandry Extension (E) (1 yr.).....	.....
(Smith-Lever.....)	4 250)
11. R. C. Ashby, Associate Professor and Associate Chief, Livestock Marketing (C&S) (2 yrs. from Sept. 1, 1929).....	2 125
(Purnell.....)	2 125)
(Total salary.....)	4 250)
12. S. Bull, Associate Professor and Associate Chief, Meats (C&S) (2 yrs. from Sept. 1, 1929).....	4 000
13. R. R. Snapp, Associate Professor and Associate Chief, Beef Cattle Husbandry (C&S) (2 yrs. from Sept. 1, 1929).....	4 000
14. W. G. Kammlade, Assistant Professor and Assistant Chief, Sheep Husbandry (C&S) (2 yrs. from Sept. 1, 1929).....	3 750
15. T. S. Hamilton, Associate, Animal Nutrition (C&S) (1 yr.).....	3 200
16. H. H. Alp, Extension Specialist, Poultry (E) (1 yr.).....	.....
(Smith-Lever.....)	2 800)
17. C. W. Crawford, Associate (C&S) (1 yr.).....	2 750

	<i>Salary</i>
18. _____, Instructor and First Assistant, Poultry (C&S) (1 yr.)	\$ 2 400
19. F. C. Olson, Instructor and First Assistant (C&S) (1 yr.)	1 100
(Purnell.....)	1 100)
(Total salary.....)	2 200)
20. Mary H. Keith, First Assistant, Animal Nutrition (S) (1 yr.)	2 000
21. R. L. Hectorne, Instructor and First Assistant (C&S) (½ time; 1 yr.)	1 000
22. _____, Instructor and First Assistant (S) (½ time; 1 yr.)	1 200
23. F. Thorp, Jr., Assistant, Animal Pathology (S) (1 yr.)	2 600
24. G. L. Jordan, Assistant, Poultry Husbandry (S) (1 yr.)	.....
(Purnell.....)	2 600)
25. G. E. Hunt, Assistant, Swine (C&S) (1 yr.)	2 000
26. W. B. Young, Assistant, Beef Cattle (C&S) (1 yr.)	2 000
27. _____, Assistant, Animal Pathology (S) (1 yr.)	2 000
28. F. J. McClure, Assistant, Animal Nutrition (S) (1 yr.)	1 800
29. Jessie R. Beadles, Assistant, Animal Nutrition (S) (1 yr.)	1 700
30. F. Simpson, Assistant, Animal Nutrition (S) (1 yr.)	1 600
31. L. C. Thomas, Assistant, Animal Genetics (C&S) (1 yr.)	720
(Purnell.....)	880)
(Total salary.....)	1 600)
32. _____, Assistant (S) (1 yr.)	1 400
33. H. D. Preston, Assistant, Animal Nutrition (S) (½ time; 1 yr.)	840
34. V. G. Haury, Assistant, Animal Nutrition (S) (½ time; 1 yr.)	840
35. Josephine Schmalhausen, Secretary (C. S.)	1 680
36. _____, Stenographer (C. S.)	1 500
37. Margaret Schrader (Mrs.), Senior Clerk (C. S.)	1 320
38. Mary P. Sudduth (Mrs.), Stenographer (C. S.)	1 320
39. Eda Konradt, Junior Clerk (C. S.)	1 200
40. _____, Stenographer (C. S.)	1 020
41. Margaret Reynolds, Stenographer (C. S.)	1 080
42. _____, Stenographer (C. S.)	570
(Purnell.....)	570)
(Total salary.....)	1 140)
43. Lillian Cunningham, Stenographer (C. S.)	1 080
44. _____, Stenographer (C. S.)	1 020
45. W. J. Engle (Retired).....	860
<i>Total, Animal Husbandry.....</i>	<i>\$ 92 975</i>

Dairy Husbandry

1. H. A. Ruehe, Professor and Chief, Dairy Manufactures (C&S), Head of Department (Indef.)	\$ 6 500
2. M. J. Prucha, Professor and Chief, Dairy Bacteriology (C&S) (Indef.)	4 500
3. W. L. Gaines, Professor and Chief, Milk Production (C&S) (Indef.)	4 000
4. W. J. Fraser, Professor, Dairy Farming (C) (Indef.)	4 000
5. W. W. Yapp, Professor and Chief, Dairy Cattle (C&S) (2 yrs. from Sept. 1, 1929)	4 250
6. C. S. Rhode, Professor, Dairy Husbandry Extension (E), Chief, Dairy Husbandry (S) (2 yrs. from Sept. 1, 1929)	4 400)
(Smith-Lever.....)	4 400)
7. W. B. Nevens, Associate Professor and Associate Chief, Dairy Cattle Feeding (C&S) (2 yrs. from Sept. 1, 1929)	4 000
8. O. R. Overman, Assistant Professor and Assistant Chief, Dairy Chemistry (C&S) (2 yrs. from Sept. 1, 1929)	3 750
9. J. M. Brannon, Assistant Professor and Assistant Chief, Dairy Bacteriology (C&S) (2 yrs. from Sept. 1, 1929)	3 000
10. P. H. Tracy, Assistant Professor and Assistant Chief, Dairy Manu- factures (C&S) (2 yrs. from Sept. 1, 1929)	1 200
(Creamery.....)	2 400)
(Total salary.....)	3 600)
11. F. P. Sanmann, Associate, Dairy Manufactures (C&S) (2 yrs. from Sept. 1, 1929)	2 750

	<i>Salary</i>
12. C. A. Brown, Associate, Dairy Economy (C&S) (2 yrs. from Sept. 1, 1929).....	\$ 412
(Purnell.....)	2 888)
(Total salary.....)	3 300)
13. A. F. Kuhlman, Instructor and First Assistant (C&S) (1 yr.).....	2 000
14. S. L. Tuckey, Assistant, Dairy Manufactures (C&S) (1 yr.).....	1 700
15. J. H. Brock, Assistant, Dairy Husbandry Extension (E) (1 yr.).....	2 100)
(Smith-Lever.....)	1 800
16. O. F. Garrett, Assistant, Dairy Chemistry (C&S) (1 yr.).....	1 800
17. D. D. Shaw, Assistant, Dairy Production (C&S) (1 yr.).....	1 800
18. Lucile Bullions, Secretary (C. S.).....	1 260
19. Roberta Buckley, Stenographer (C. S.).....	1 200
20. _____, Stenographer (C. S.).....	1 080
21. Isabelle Nicolet, Clerk (C. S.).....	1 080
22. Rose Larkin, Stenographer (C. S.).....	960
23. Mary F. Jones, Clerk (C. S.).....	1 080)
24. Thelma Innis, Clerk (C. S.).....	345
25. W. T. Marsh (Retired).....	\$ 53 387

Total, Dairy Husbandry.....

Dairy Creamery

1. P. H. Tracy.....	\$ 2 400
(See Dairy Husbandry, item 10)	
2. Thelma Innis.....	1 080
(See Dairy Husbandry, item 24)	
<i>Total, Dairy Creamery.....</i>	\$ 3 480

Farm Mechanics

1. E. W. Lehmann, Professor and Chief (C&S), Head of Department (Indef.).....	\$ 5 500
2. R. I. Shawl, Assistant Professor (C), Assistant Chief (S) (2 yrs. from Sept. 1, 1929).....	3 750
3. W. A. Foster, Assistant Professor of Rural Architecture (C), Assistant Chief (S) (2 yrs. from Sept. 1, 1929).....	3 800)
(College of Engineering.....)	3 000
4. A. L. Young, Associate (C&S) (1 yr.).....	3 000
5. D. A. Milligan, Associate (C&S) (1 yr.).....	1 700
6. D. A. Albrecht, Assistant (C&S) (1 yr.).....	2 500)
7. E. G. Johnson, Extension Specialist (E) (1 yr.).....	1 320
(Smith-Lever.....)	
8. _____, Stenographer (C. S.).....	\$ 18 270

Total, Farm Mechanics.....

Farm Organization and Management

1. H. C. M. Case, Associate Professor (C), Associate Chief (S), Head of Department (2 yrs. from Sept. 1, 1929).....	\$ 5 250
2. R. R. Hudelson, Associate Professor (E), Associate Chief (S) (2 yrs. from Sept. 1, 1929).....	1 100
(Smith-Lever.....)	3 150)
(Total salary.....)	4 250)
3. R. H. Wilcox, Associate Professor (C), Associate Chief (S) (2 yrs. from Sept. 1, 1929).....	4 250
4. M. L. Mosher, Assistant Professor (E) (½ time; 2 yrs. from Sept. 1, 1929).....	2 250)
(Smith-Lever.....)	800
5. R. C. Ross, Assistant Professor (C), Assistant Chief (S) (1 yr.).....	2 400)
(Purnell.....)	3 200)
(Total salary.....)	

	<i>Salary</i>
6. P. E. Johnston, Assistant Professor (C&E), Assistant Chief (S) (1 yr.).....	\$ 2 100
(Smith-Lever.....)	1 100)
(Total salary.....)	3 200)
7. J. B. Andrews, Associate (S) (1 yr.).....	.....
(Purnell.....)	3 500)
8. W. A. Gilbert, Assistant (C&S) (1 yr.).....	1 800
9. R. G. Trummel, Assistant (S) (1 yr.).....	1 800
10. G. B. Byers, Assistant (S) (1 yr.).....	1 700
11. E. J. McConnell, Assistant (C&S) (1 yr.).....	1 600
12. _____, Assistant (S) (1 yr.).....	1 400
13. G. W. Moore, Assistant (S) (½ time; 1 yr.).....	.....
(Purnell.....)	720)
14. _____, Assistant (S) (½ time; 10 mos.).....	600
15. _____, Assistant (S) (½ time; 10 mos.).....	600
16. Alice M. Oathout, Stenographer and Clerk (C. S.).....	1 320
17. Catherine Goodman, Bookkeeper (C. S.).....	1 200
18. _____, Clerk, (C. S.).....	1 020
19. _____, Stenographer (C. S.).....	420
(Purnell.....)	600)
(Total salary.....)	1 020)
<i>Total, Farm Organization and Management.....</i>	<i>\$ 26 960</i>

Home Economics

1. Ruth A. Wardall, Professor, Head of Department (C), Vice-Director Extension Work in Home Economics (E) (Indef.) (On leave with half pay for 1929-30).....	\$ 5 000
2. Isabel Bevier, Professor, Acting Vice-Director of Extension Work in Home Economics (E) (Indef.).....	3 750
(Smith-Lever.....)	750)
(Total salary.....)	4 500)
3. Rossleene A. Hetler (Mrs.), Associate Professor and Associate Chief, Nutrition (C&S), and Acting Head of Department (1 yr.).....	2 300
(\$500 paid from unused portion of salary of Ruth A. Wardall absent on leave, and not included in total.....)	500)
(Purnell.....)	1 200)
(Total salary.....)	4 000)
4. Harriet T. Barto, Assistant Professor, Dietetics (C) (2 yrs. from Sept. 1, 1929).....	3 250
5. Eda A. Jacobsen, Assistant Professor, Clothing (C) (2 yrs. from Sept. 1, 1929).....	2 800
6. Kathryn V. Burns (Mrs.), State Leader, Home Economics Extension (E), Assistant Professor (C) (1 yr.).....	400
(Smith-Lever.....)	3 200)
(Total salary.....)	3 600)
7. E. Evelyn Smith, Assistant Professor, Institutional Management (C) (2 yrs. from Sept. 1, 1929).....	3 200
8. Fannie M. Brooks, Assistant Professor, Home Economics Extension (E), Assistant Professor (C) (1 yr.).....	250
(Smith-Lever.....)	2 750)
(Total salary.....)	3 000)
9. Edna E. Walls, Specialist and Assistant Professor, Child Care and Training (E&C) (1 yr.).....	500
(Smith-Lever.....)	2 700)
(Total salary.....)	3 200)
10. _____, Assistant Professor, Home Management (C) (1 yr.).....	3 000
11. Virginia H. Weaver, Associate (C) (2 yrs. from Sept. 1, 1929).....	2 800
12. Mary C. Whitlock, Associate (C) (2 yrs. from Sept. 1, 1929).....	2 500
13. Helen E. McCullough, Associate (C) (2 yrs. from Sept. 1, 1929).....	2 500
14. Irene M. Barnes, Associate, Costume Design (C) (1 yr.).....	2 300

	<i>Salary</i>
15. Anna M. Schreiber, Instructor and First Assistant, Foods (C&S) (12 mos.)	\$ 1 300
(Purnell)	1 100)
(Total salary)	2 400)
16. Stella C. Munger, Instructor (C) (10 mos.)	2 200
17. Margaret L. Plant, Instructor (C) (10 mos.)	2 000
18. Louise A. Phelps, Instructor (C) (10 mos.)	1 800
19. Louise M. Pickens, Instructor (C) (10 mos.)	2 000
20. Clara R. Meyer (Mrs.), Instructor and Research Assistant (C&S) (12 mos.— $\frac{1}{3}$ time College, 9 mos.; $\frac{2}{3}$ time Purnell, 9 mos.; full time Purnell, 3 mos.)	583
(Purnell)	1 517)
(Total salary)	2 100)
21. Lillie M. Johnson, Assistant, Foods (C) (10 mos.)	1 700
22. Marie J. Williams, Assistant, Institutional Management (C) (10 mos.) .....	.....
(Cafeteria)	1 400)
23. Rachel C. Davis, Laboratory Assistant (C) (10 mos.) (Salary paid from unused portion of salary of Ruth A. Wardall absent on leave, and not included in total)	(1 200)
24. Dorothy L. Hussemann, Assistant, Nutrition (S) (12 mos.) .....	.....
(Purnell)	(1 400)
25. Catherine M. MacLaren, Laboratory Assistant (C) ($\frac{1}{2}$ time; 9 mos.)	540
26. _____, Laboratory Assistant, Nutrition ($\frac{1}{2}$ time; 10 mos.)	600
27. Bessie E. Packard, Secretary (C. S.)	1 800
28. Esther L. Cohen, Stenographer (C. S.)	960
29. Mary Ryan (Mrs.), Laboratory Caretaker (C. S.) ($\frac{2}{3}$ time)	600
(From Building Operation, Phys. Plt.)	300)
(Total salary)	900)
<i>Total, Home Economics</i>	\$ 50 633

Home Economics Cafeteria

1. Marie J. Williams	\$ 1 400
(See Home Economics, item 22)	

Horticulture

1. J. C. Blair, Professor and Chief, Horticulture (C&S), Head of De- partment (Indef.)	\$ 7 000
2. J. W. Lloyd, Professor and Chief, Olericulture (C&S) (Indef.)	5 500
3. M. J. Dorsey, Professor and Chief, Pomology (C&S) (2 yrs. from Sept. 1, 1929)	5 000
4. H. B. Dorner, Professor and Chief, Floriculture (C&S) (Indef.)	5 000
5. W. A. Ruth, Professor and Chief, Pomological Physiology (C&S) (2 yrs. from Sept. 1, 1929)	4 000
6. K. B. Lohmann, Associate Professor, Landscape Architecture (C) (2 yrs. from Sept. 1, 1929)	4 250
7. A. S. Colby, Professor, Pomology, and Chief, Small Fruit Culture (C&S) (2 yrs. from Sept. 1, 1929)	4 000
8. H. W. Anderson, Associate Professor and Associate Chief, Pomo- logical Pathology (C&S) (2 yrs. from Sept. 1, 1929)	3 500
9. S. H. White, Associate Professor, Landscape Architecture (C) (2 yrs. from Sept. 1, 1929)	4 000
10. H. Bartholomew, Non-resident Professor, Civic Design (C) (1 yr.; part time. Four lectures a month and conferences)	1 400
11. R. S. Marsh, Associate Professor, Horticulture Extension (E) (2 yrs. from Sept. 1, 1929) .....	.....
(Smith-Lever)	3 750)
12. S. W. Hall, Associate Professor and Associate Chief, Floriculture (C&S) (2 yrs. from Sept. 1, 1929)	3 800

	<i>Salary</i>
13. O. G. Schaffer, Associate Professor, Landscape Architecture (C) (2 yrs. from Sept. 1, 1929).....	\$ 4 000
14. W. A. Huelsen, Associate Professor and Associate Chief, Olericulture (C&S) (2 yrs. from Sept. 1, 1929).....	3 750
15. F. F. Weinard, Associate Professor and Associate Chief, Floricultural Physiology (C&S) (2 yrs. from Sept. 1, 1929).....	3 300
16. Florence Robinson, Assistant Professor, Landscape Architecture (C) (2 yrs. from Sept. 1, 1929).....	2 500
17. I. L. Peterson, Assistant Professor, Landscape Architecture (C) (1 yr.; Full time Nov. to March, inc.; $\frac{1}{4}$ time Sept., Oct., Apr., and May).....	2 000
18. J. Hutchinson, Associate, Floriculture (S) (2 yrs. from Sept. 1, 1929)	3 000
19. E. P. Lewis, Associate, Olericulture (S) (2 yrs. from Sept. 1, 1929)..... (Cook County Experiment Station.....)	2 800)
20. V. W. Kelley, Associate, Pomology (C&S) (2 yrs. from Sept. 1, 1929).....	2 800
21. M. C. Gillis, Associate, Olericulture (C&S) (2 yrs. from Sept. 1, 1929)..... (Illinois Cannery Association Special Fund.....)	2 600)
22. S. W. Decker, Associate, Floriculture (C&S) (1 yr.).....	2 200
23. R. L. McMunn, Associate, Pomology (C&S) (1 yr.).....	2 200
24. H. M. Newell, Associate, Fruit and Vegetable Marketing (S) (1 yr.) (Purnell.....)	.....
(Total salary.....)	2 200)
25. H. H. Thornberry, Assistant, Pomology (C&S) (1 yr.).....	2 000
26. L. A. Somers, Assistant, Olericulture (C&S); Assistant, Vegetable Gardening Extension (E) (1 yr.)..... (Smith-Lever.....)	1 000 1 000)
(Total salary.....)	2 000)
27. _____, Assistant, Plant Breeding (S) (1 yr.).....	1 800
28. L. H. Strubinger, Assistant and First Assistant, Olericulture (C&S) (1 yr.).....	1 800
29. B. L. Weaver, Assistant and First Assistant, Olericulture (C&S) (1 yr.).....	2 100
30. C. E. Baker, Assistant, Plant Breeding (S) ($\frac{1}{2}$ time; 10 mos.)	700
31. Walter Michaels, Research Assistant in Olericulture (S) (1 yr. from July 1, 1929)..... (Illinois Cannery Association Special Fund.....)	2 000)
32. _____, Work in City Planning.....	2 500
33. _____, Clerk and Stenographer (C. S.).....	1 320
34. Louise Mosgrove, Stenographer and Clerk (C. S.).....	1 380
35. _____, Stenographer and Record-keeper (Fed.).....	1 080
36. Margaret O'Donnell, Stenographer (C. S.).....	1 200
37. Sophia Immele, Stenographer (C. S.).....	1 140
38. Helen Hamlin, Stenographer and Clerk (C. S.).....	1 320
39. Josephine Smith (Mrs.), Stenographer and Clerk (C. S.).....	1 200
40. _____, Stenographer (C. S.).....	1 080
<i>Total, Horticulture</i>	\$ 94 800

Cook County Experiment Station

1. E. P. Lewis.....	\$ 2 800
(See Horticulture, item 19)	

Purnell Fund

1. _____.....	\$ 1 000
(See Administration, item 3)	
(See Smith-Lever, item 6)	
2. Marion C. Summerfield.....	270
(See Administration, item 8)	
(See Smith-Lever, item 8)	

	<i>Salary</i>
3. David E. Lindstrom, Assistant in Sociology (1 yr.).....	\$ 1 250
(See Smith-Lever, item 39a)	
(See Sociology, item 9)	
Agricultural Economics	
<i>A. Field Research, Summer, 1929</i>	
4. C. L. Stewart (S).....	555 56
(See Agricultural Economics, item 1)	
5. L. J. Norton (S).....	583 33
(See Agricultural Economics, item 2)	
6. _____, Assistant (S).....	400
<i>B. School Year Research</i>	
7. Rodney Whitaker, Research Assistant (S) (½ time; 1 yr.).....	720
8. R. H. Goold, Research Assistant (S) (½ time; 1 yr.).....	720
9. _____, Research Assistant (S) (½ time; 1 yr.).....	720
10. Nettie Roberts, Stenographer (1 yr.; Fed.).....	1 320
Agronomy	
11. L. F. Rickey.....	2 600
(See Agronomy, item 18)	
Animal Husbandry	
12. R. C. Ashby.....	2 125
(See Animal Husbandry, item 11)	
13. F. C. Olson.....	1 100
(See Animal Husbandry, item 19)	
14. G. L. Jordan.....	2 600
(See Animal Husbandry, item 24)	
15. L. C. Thomas.....	880
(See Animal Husbandry, item 31)	
16. _____.....	570
(See Animal Husbandry, item 44)	
Dairy Husbandry	
17. C. A. Brown.....	2 888
(See Dairy, item 12)	
Farm Organization and Management	
18. R. C. Ross.....	2 400
(See Farm Organization and Management, item 5)	
19. J. B. Andrews.....	3 500
(See Farm Organization and Management, item 7)	
20. G. W. Moore.....	720
(See Farm Organization and Management, item 13)	
21. _____.....	600
(See Farm Organization and Management, item 19)	
Home Economics	
22. Rossleene A. Hetler (Mrs.).....	1 200
(See Home Economics, item 3)	
23. Anna M. Schreiber.....	1 100
(See Home Economics, item 14)	
24. Clara R. Meyer.....	1 517
(See Home Economics, item 20)	
25. Dorothy L. Hussemann.....	1 400
(See Home Economics, item 24)	
Horticulture	
26. H. M. Newell.....	2 200
(See Horticulture, item 24)	
<hr/>	
<i>Total, Purnell Fund.....</i>	<i>\$ 34 938 89</i>

Smith-Lever Extension		Salary
1.	H. W. Mumford, Dean, College of Agriculture (C) Director, Agricultural Experiment Station (S) Director, Agricultural Extension Service (E) Professor, Animal Husbandry (C) (Indef.)...\$	2 000
	(Agriculture Admin.....)	6 500)
	(Total salary.....)	8 500)
2.	W. H. Smith, State Leader Farm Advisers (E) Professor and Chief, Animal Husbandry Extension (E&S) (1 yr.).....	4 750
3.	J. D. Bilsborrow, Assistant State Leader of Farm Advisers with the rank of Assistant Professor (E) (1 yr.).....	4 250
4.	J. C. Spitler, Assistant State Leader of Farm Advisers with the rank of Assistant Professor (E) (1 yr.).....	4 250
5.	_____, Assistant State Leader of Farm Advisers (1 yr.)..	2 500
6.	_____, Assistant to Dean and Director (S&E) (1 yr.)....	1 500
	(Purnell.....)	1 000)
	(Agriculture Admin.....)	2 000)
	(Total salary.....)	4 500)
7.	F. J. Keilholz, Extension Editor (S&E) (2 yrs. from Sept. 1, 1929). (Agriculture Admin.....)	3 750 250)
	(Total salary.....)	4 000)
8.	Marion C. Summerfield, Specialist in Office Organization and Management (C&E) (1 yr.).....	1 530
	(Purnell.....)	270)
	(Total salary.....)	1 800)
9.	E. I. Pilchard, Specialist in Junior Club Work (E) (1 yr.).....	3 250
10.	J. Ross Baird, Assistant in Junior Club Work (E) (1 yr.).....	2 200
11.	Blanche Penrod, Editorial Assistant (E&S) (1 yr.).....	1 100
	(Agriculture Admin.....)	1 800)
	(Total salary.....)	1 900)
12.	J. C. Hackleman, Professor and Chief, Crops Extension (E&S) (2 yrs. from Sept. 1, 1929).....	4 800
13.	F. C. Bauer, Professor, Soils Extension (E) Chief, Soil Experiment Fields (S) (Indef.).....	250
	(Agronomy.....)	4 550)
	(Total salary.....)	4 800)
14.	C. M. Linsley, Assistant Professor, Soils Extension (E) (2 yrs. from Sept. 1, 1929).....	3 200
15.	_____, Assistant, Soil Experiment Fields and Soils Extension (S&E) (1 yr.).....	450
	(Agronomy.....)	950)
	(Total salary.....)	1 400)
16.	E. T. Robbins, Associate Professor, Animal Husbandry Extension (E) (1 yr.).....	4 250
17.	R. Graham, Professor and Chief, Animal Pathology and Hygiene (CS&E) (Indef.).....	2 000
	(Animal Husbandry.....)	3 500)
	(Total salary.....)	5 500)
18.	H. H. Alp, Extension Specialist in Poultry Husbandry (E) (1 yr.)..	2 800
19.	C. S. Rhode, Professor, Dairy Husbandry Extension (E) Chief, Dairy Husbandry (S) (2 yrs. from Sept. 1, 1929).....	4 400
20.	J. H. Brock, Assistant, Dairy Husbandry Extension (E) (1 yr.)...	2 100
21.	R. R. Hudelson, Associate Professor and Associate Chief, Farm Organization and Management (E&S) (2 yrs. from Sept. 1, 1929).....	3 150
	(Farm Management Department.....)	1 100)
	(Total salary.....)	4 250)
22.	M. L. Mosher, Assistant Professor, Farm Organization and Management Extension (E) (½ time; 2 yrs. from Sept. 1, 1929)...	2 250

	<i>Salary</i>
23. P. E. Johnston, Assistant Professor and Assistant Chief, Farm Organization and Management Extension (CE&S) (1 yr.) . . . \$	1 100
(Farm Management)	2 100)
(Total salary)	3 200)
24. E. G. Johnson, Extension Specialist in Farm Mechanics (E) (1 yr.) .	2 500
25. R. S. Marsh, Associate Professor, Horticulture Extension (E) (2 yrs. from Sept. 1, 1929)	3 750
26. L. A. Somers, Assistant, Olericulture (C&S) Assistant, Vegetable Gardening Extension (E) (1 yr.)	1 000
(Horticulture)	1 000)
(Total salary)	2 000)
27. _____, Extension Specialist in Agricultural Economics with rank of Assistant Professor (1 yr.)	3 400
28. Isabel Bevier, Professor and Acting Vice-Director of Home Economics Extension (E) (Indef.)	750
(Home Economics)	3 750)
(Total salary)	4 500)
29. Kathryn V. Burns (Mrs.), State Leader, Home Economics Extension (E) Assistant Professor, Home Economics (C) (2 yrs. from Sept. 1, 1929)	3 200
(Home Economics)	400)
(Total salary)	3 600)
30. Mary L. Chase, Assistant State Leader and Associate in Home Economics Extension (E) (2 yrs. from Sept. 1, 1929)	3 200
31. _____, Assistant State Leader Home Economics Extension (E) (1 yr.)	2 700
32. Grace B. Armstrong, Assistant Professor, Foods and Nutrition Extension (E) (2 yrs. from Sept. 1, 1929)	3 000
33. Mary A. Souder, Associate, Home Management Extension (E) (2 yrs. from Sept. 1, 1929)	3 000
34. Isabelle M. Hitchcock, Associate, Home Furnishings Extension (E) (1 yr.)	2 200
35. Edna R. Gray, Associate in Clothing Extension (E) (2 yrs. from Sept. 1, 1929)	2 900
36. Mary A. McKee, Extension Specialist in Junior Club Work (E) (2 yrs. from Sept. 1, 1929)	2 900
37. _____, Extension Specialist in Junior Club Work (E) (1 yr.)	2 200
38. Edna E. Walls, Assistant Professor, Child Care and Training Extension (C&E) (1 yr.)	2 700
(Home Economics)	500)
(Total salary)	3 200)
39. Fannie M. Brooks, Assistant Professor, Home Economics Extension (C&E) (1 yr.)	2 750
(Home Economics)	250)
(Total salary)	3 000)
39a. D. E. Lindstrom, Assistant in Rural Sociology (1 yr.)	1 250
(Purnell fund)	1 250)
(Total salary)	2 500)
40. Blanche L. Lewis, Office Assistant (1 yr.)	2 000
41. _____, File Clerk (1 yr.)	1 140
42. Hazel C. Little, Stenographer (1 yr.)	1 140
43. Lela M. Karr, Stenographer (1 yr.)	1 140
44. _____, Stenographer (1 yr.)	1 080
45. Libbie M. McNeill, Stenographer and Clerk (1 yr.)	1 320
46. _____, Stenographer (1 yr.)	960
47. Gertrude Hazleton, Stenographer (½ time; 1 yr.)	570
48. _____, Stenographer (½ time; 1 yr.)	540
49. County Home Advisers, 22 @ \$1500 a year	33 000

	<i>Salary</i>
50. County Farm Advisers	
58 @ \$720 a year.....	\$41 760
37 @ \$420 a year.....	15 540 ¹
Or 95 counties @ \$720 a year from Smith-Lever and U.S.D.A. funds.	57 300 ²
Total, Smith-Lever Extension	\$204 420

Capper-Ketcham Extension

1. Dorothy E. Lynch, Assistant in Junior Club Work (E).....	\$ 1 600
2. _____, Extension Specialist in Marketing (E) (1 yr.)....	4 000
3. Field Salaries	
a. <i>Home Advisers</i>	
(1) Lulu S. Black, Temporary County Home Adviser.....	3 300 ³
(2) Katharine Patterson, Temporary County Home Adviser....	3 200 ³
(3) Dee Maier, Temporary County Home Adviser.....	3 100 ³
(4) Home Advisers ⁴	6 000
(5) Unassigned.....	300
	(15 900)
b. <i>Junior Club Work</i>	
(1) T. H. Hafer, District Junior Club Leader.....	3 000 ³
(2) District Junior Club Leaders.....	7 500 ³
(3) County Junior Club Leaders ⁴	5 800
	(16 300)
Total, Capper-Ketcham Extension	\$ 37 800

LIBRARY SCHOOL

1. P. L. Windsor, Director of the Library and Library School (1 yr.), Professor of Library Science (Indef.) (Salary under Library)....	.....
2. Frances Simpson, Associate Professor of Library Economy (Indef.), Assistant Director (1 yr.).....	\$ 3 900
3. Ethel Bond, Assistant Professor of Library Economy (2 yrs. from Sept. 1, 1929).....	2 900
4. Anne M. Boyd, Assistant Professor of Library Economy (2 yrs. from Sept. 1, 1929).....	2 900
5. Marie M. Hostetter, Associate in Library Economy (2 yrs. from Sept. 1, 1929).....	2 600
6. Margaret A. Gramesly, Instructor in Library Economy (10 mos.)..	2 200
7. _____, Instructor in Library Economy (10 mos.).....	2 200
8. Frances I. Ambuhl, Instructor in Library Economy (10 mos.)....	2 000
9. Anne P. Durand, Instructor in Library Economy (10 mos.).....	2 000
10. Edna E. Gustafson, Assistant (10 mos.).....	1 500
11. Katherine Brose, Assistant (10 mos.).....	1 500
12. Helen Small, Stenographer (C. S.).....	1 200
Total, Library School	\$ 24 900

¹The \$11,100 Cooperative Demonstration Fund appropriated by the United States Department of Agriculture will be paid directly to the farm advisers through the Extension Service by the United States Treasury Office as follows: 37 advisers @ \$300—\$11 100
An additional amount of \$200 is available to cover the cost of penalty envelopes and cards for the farm and home advisers, which are purchased by the United States Department of Agriculture and shipped to Illinois. 200

²To be increased in June, 1930, if any balances are available due to unused salaries accruing from vacancies in the counties. (This does not mean any increase in the salaries of farm advisers, but an increase in the amount of the advisers' salaries paid from federal funds).

³Includes \$700 each for auto expense @ 7c per mile actually traveled.

⁴Part salary.

Total \$11 300

COLLEGE OF LAW

	<i>Salary</i>
1. Albert J. Harno, Dean (1 yr.), Professor (Indef.)	\$ 8 500
2. Sveinbjorn Johnson, Professor (Indef.), Legal Counsel (1 yr.)	8 000
3. F. Green, Professor (Indef.)	8 000
4. O. A. Harker, Professor, <i>Emeritus</i>	3 000
5. O. L. McCaskill, Professor (Indef.)	8 000
6. M. I. Schnebly, Professor (Indef.)	7 000
7. W. E. Britton, Professor (Indef.)	7 000
8. W. L. Summers, Professor (Indef.) (On leave without pay 1929-1930)	6 000
9. G. W. Goble, Professor (Indef.)	6 000
10. G. B. Weisiger, Professor (Indef.), Law Librarian (1 yr.)	5 000
11. L. L. Fuller, Associate Professor (Indef.)	4 750
12. H. W. Holt, Associate Professor (2 yrs. from Sept. 1, 1928)	4 500
13. A. J. Casner, Instructor (10 mos.) (Salary charged to Summers position, not included in total)	(2 500)
14. Bertha M. Harper, Assistant to the Dean (1 yr.; exempt)	2 200
<i>Total, College of Law</i>	\$ 77 950

SCHOOL OF MUSIC

1. F. B. Stiven, Director (1 yr.), Professor (Indef.)	\$ 6 500
2. A. A. Harding, Professor (Indef.)	2 000
(Military Bands)	4 000)
(Total salary)	6 000)
3. G. F. Schwartz, Associate Professor (Indef.)	4 000
4. H. J. van den Berg, Associate Professor (Indef.)	3 750
5. R. H. Miles, Assistant Professor (1 yr.)	3 400
6. W. L. Roosa, Assistant Professor (1 yr.)	3 000
7. A. Beresford, Assistant Professor (1 yr.)	2 900
8. F. T. Johnson, Associate (1 yr.)	2 700
9. Jane C. Watt, Associate (1 yr.)	2 600
10. Henry MacNeill, Associate (1 yr.)	2 600
11. S. S. Schoonmaker, Associate (1 yr.)	2 400
12. C. E. Fouser, Instructor (¾ time; 10 mos.)	700
(College of Education)	1 400)
(Total salary)	2 100)
13. R. F. Dvorak, Instructor (½ time; 10 mos.)	1 400
(Military Bands)	1 400)
(Total salary)	2 800)
14. _____, Instructor (10 mos.)	2 300
15. Jessie L. Potter, Instructor (10 mos.)	2 000
16. Velma I. Kitchell, Instructor (⅙ time; 10 mos.)	750
(College of Education)	1 000)
(Total salary)	1 750)
17. Kathryn J. Sutherlin, Instructor (10 mos.)	1 800
18. E. W. Doty, Instructor (10 mos.)	1 800
19. Stella R. Percival, Instructor (⅙ time; 10 mos.)	1 400
20. Mrs. Ethel S. Phipps, Instructor (10 mos.)	1 600
21. N. A. Kjos, Assistant in Public School Music (⅓ time; 10 mos.)	600
(Military Bands, ¼ time)	450)
(Total salary)	1 050)
22. Betty Y. Freeman (Mrs.), Stenographer and Clerk (C. S.)	1 080
<i>Total, School of Music</i>	\$ 51 280

GRADUATE SCHOOL

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>Salaries</i>	\$ 11 200 00		\$ 11 200 00
<i>Scholarships and Fellowships</i>	25 000 00		25 000 00
<i>Administration</i>			
Expense and Equipment		\$ 850 00	850 00
<i>Publications</i>			
University Studies		8 000 00	8 000 00
Special Monographs		2 500 00	2 500 00
Journal of English and Germanic Philology		3 000 00	3 000 00
General Publications		1 000 00	1 000 00
<i>Research</i>			
General		10 000 00	10 000 00
Illinois Historical Society		5 000 00	5 000 00
Economic Geology			
<i>Total</i>	\$ 36 200 00	\$ 30 350 00	\$ 66 550 00

Salaries

	<i>Salary</i>
1. A. H. Daniels, Dean (1 yr.), Professor of Philosophy (Indef.)	\$ 8 000
2. Lida E. Voight, Secretary (1 yr.; exempt)	2 000
3. _____, Stenographer (C. S.)	1 200
<i>Total, Graduate School</i>	\$ 11 200

PHYSICAL WELFARE

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>Physical Education</i>			
Men	\$ 35 400 00	\$ 9 739 00	\$ 45 139 00
Women	25 140 00	4 825 00	29 965 00
<i>Health Service</i>			
.....	42 000 00	10 650 00	52 650 00
<i>Total</i>	\$102 540 00	\$ 25 214 00	\$127 754 00

Physical Education for Men and Athletic Coaching

	<i>Salary</i>
1. G. A. Huff, Director of Physical Welfare (1 yr.), Professor (Indef.)	\$ 8 000
Physical Education	2 400
(Paid by Athletic Association	(10 400)
2. R. C. Zuppke, Professor (Indef.), Physical Education	800
Athletic Coaching	1 000
(Total University salary	1 800)
(Paid by Athletic Association	8 200)
.....	(10 000)
3. C. L. Lundgren, Professor (Indef.), Physical Education	1 100
Athletic Coaching	300
(Total University salary	1 400)
(Paid by Athletic Association	5 100)
.....	(6 500)
4. S. C. Staley, Associate Professor (Indef.) (On leave with half pay for 1929-30) .....	.....
Physical Education	2 500
Athletic Coaching	2 300
(Total University salary	4 800)

	<i>Salary</i>
5. C. O. Jackson, Assistant (10 mos.). (Salary paid from unused portion of salary of S. C. Staley absent on leave, and not included in total) Physical Education	\$ 900
Athletic Coaching	300
(Total University salary	1 200)
(Paid by Athletic Association	1 000)
	(2 200)
6. C. R. Griffith, Director of Research in Athletics and Associate Professor (1 yr.), Athletic Coaching	1 000
(Paid by Athletic Association	4 000)
	(5 000)
7. G. T. Stafford, Assistant Professor (1 yr.), Physical Education	2 100
Athletic Coaching	1 900
(Total University salary	4 000)
8. M. M. Olander, Assistant Professor (1 yr.), Athletic Coaching	2 400
(Paid by Athletic Association	3 100)
	(5 500)
9. H. L. Gill, Associate (1 yr.). (On leave without pay from University for 1929-30) Physical Education	300
Athletic Coaching	1 200
(Total University salary	1 500)
(Paid by Athletic Association	4 500)
	(6 000)
10. H. R. White, Assistant (10 mos.) (Salary paid from unused portion of salary of H. L. Gill absent on leave, and not included in total) Athletic Coaching	(600)
11. J. C. Ruby, Associate (1 yr.), Physical Education	300
Athletic Coaching	1 900
(Total University salary	2 200)
(Paid by Athletic Association	2 600)
	(4 800)
12. E. J. Manley, Associate (1 yr.), Athletic Coaching	850
(Paid by Athletic Association	2 550)
	(3 400)
13. A. F. Smith, Associate (1 yr.), Athletic Coaching	2 000
(Paid by Athletic Association	750)
	(2 750)
14. C. M. Voyles, Associate (1 yr.), Physical Education	400
Athletic Coaching	1 600
(Total University salary	2 000)
(Paid by Athletic Association	2 000)
	(4 000)
15. F. E. Rokusek, Instructor (10 mos.), Athletic Coaching	1 600
(Paid by Athletic Association	1 700)
	(3 300)
16. H. E. Kenney, Instructor (10 mos.), Physical Education	700
(Paid by Athletic Association	2 000)
	(2 700)
17. A. R. Von Lehsten, Instructor (10 mos.), Athletic Coaching	1 700
(Paid by Athletic Association	1 000)
	(2 700)
18. J. J. Jordan, Instructor (10 mos.), Athletic Coaching	1 350
(Paid by Athletic Association	1 250)
	(2 600)
19. M. H. Sogolow, Instructor (10 mos.), Athletic Coaching	1 800
(Paid by Athletic Association	1 200)
	(3 000)
20. A. F. Brainard, Instructor (10 mos.), Physical Education	200
Athletic Coaching	2 100
(Total University salary	2 300)

	<i>Salary</i>
21. H. D. Price, Instructor (10 mos.), Physical Education.....	\$ 400
Athletic Coaching.....	900
(Total University salary.....)	1 300)
(Paid by Athletic Association.....)	900)
	(2 200)
22. W. S. Wilson, Instructor (10 mos.), Physical Education.....	200
Athletic Coaching.....	1 300
(Total University salary.....)	1 500)
(Paid by Athletic Association.....)	1 000)
	(2 500)
23. K. C. Gerard, Assistant (10 mos.), Physical Education.....	1 800
24. H. C. Paterson, Assistant (10 mos.), Physical Education.....	2 000
25. L. J. Kulcinski, Assistant (10 mos.), Physical Education.....	2 200
26. D. M. Bullock, Assistant (10 mos.), Athletic Coaching.....	600
(Paid by Athletic Association.....)	2 400)
	(3 000)
27. C. D. Werner, Assistant (10 mos.), Athletic Coaching.....	1 450
(Paid by Athletic Association.....)	1 250)
	(2 700)
28. H. B. DeCook, Assistant (10 mos.), Physical Education.....	1 000
Athletic Coaching.....	1 100
(Total University salary.....)	2 100)
29. J. P. Sabo, Assistant (10 mos.), Athletic Coaching.....	1 300
(Paid by Athletic Association.....)	1 200)
	(2 500)
30. J. L. Picard, Assistant (10 mos.), Physical Education.....	1 900
31. G. C. Law, Assistant (10 mos.), Physical Education.....	800
Athletic Coaching.....	800
(Total University salary.....)	1 600)
(Paid by Athletic Association.....)	400)
	(2 000)
32. K. J. McCristal, Assistant (10 mos.), Physical Education.....	1 600
33. H. W. Craig, Assistant (10 mos.), Physical Education.....	700
(Paid by Athletic Association.....)	700)
	(1 400)
34. E. M. Sain, Assistant ($\frac{1}{2}$ time; 10 mos.), Athletic Coaching.....	500
35. W. J. Treece, Assistant (10 mos.), Physical Education.....	1 700
36. W. W. Brown, Assistant (10 mos.), Physical Education.....	1 200
(Paid by Athletic Association.....)	1 300)
	(2 500)
37. —————, Assistant (10 mos.), Physical Education.....	1 200
Athletic Coaching.....	1 000
(Total University salary.....)	2 200)
38. Ellen C. Edwards, Secretary (1 yr.), Physical Education.....	500
Athletic Coaching.....	900
(Total University salary.....)	1 400)
(Paid by Athletic Association.....)	500)
	(1 900)
39. Clara Brown, Stenographer (C. S.), Physical Education.....	1 400
40. Lorene Rhodes, Stenographer (C. S.), Physical Education.....	400
(Paid by Athletic Association.....)	800)
	(1 200)
<i>Totals:</i>	
Physical Education.....	35 400
Athletic Coaching.....	34 850
(Total University.....)	70 250)
(Paid by Athletic Association.....)	52 800)
(Total salaries.....)	123 050)

Physical Education for Women

1. Louise Freer, Director (1 yr.), Professor (Indef.).....	\$ 4 000
2. Mary F. Lawson, Assistant Professor (2 yrs. from Sept. 1, 1929)...	3 000

	<i>Salary</i>
3. Carita Robertson, Instructor (10 mos.).....	\$ 2 700
4. Angela Kitzinger, Instructor (10 mos.).....	2 200
5. Ann A. Smith, Instructor (10 mos.).....	2 200
6. Elizabeth Noyes, Instructor (10 mos.).....	2 000
7. Catherine Richter, Instructor (10 mos.).....	1 900
8. Ione M. Johnson, Assistant (10 mos.).....	2 000
9. Laura J. Huelster, Assistant (10 mos.).....	2 000
10. Alice Bonar, Assistant (½ time; 10 mos.).....	800
11. Eloise Lukeman, Stenographer (C. S.).....	1 140
12. Elizabeth Goodrich, Custodian (C. S.).....	1 200

Total, Physical Education for Women.....\$ 25 140

Health Service (including Hygiene)

1. J. H. Beard, Professor of Hygiene (Indef.), University Health Officer (1 yr.).....	\$ 6 000
2. V. A. Ross, Assistant Health Officer, Senior Medical Adviser for Men (1 yr.).....	4 500
3. Maude L. Etheredge, Professor of Hygiene (Indef.), Medical Adviser for Women (1 yr.).....	4 000
4. J. R. Cain, Assistant Professor of Hygiene, Medical Adviser for Men (1 yr.).....	3 750
5. Ethel E. Little, Associate in Hygiene, Medical Adviser for Women (1 yr.).....	3 000
6. Virgil M. Gilchrist, Associate in Hygiene, Medical Adviser for Women (1 yr.).....	2 750
7. G. R. Blackstone, Associate in Hygiene, Medical Adviser for Men (1 yr.).....	3 000
8. H. C. Gebhart, Associate in Hygiene, Medical Adviser for Men (1 yr.).....	3 500
9. May Millbrook, Assistant in Hygiene, Medical Adviser for Women (1 yr.).....	2 500
10. L. D. Lewis, Assistant in Hygiene, Medical Adviser for Men (1 yr.).....	3 000
11. L. N. Judah, Assistant in Hygiene, Medical Adviser for Men (1 yr.).....	3 000
12. Wayne Brandstadt, Assistant in Hygiene, Medical Adviser for Men (1 yr.).....	3 000

Total, Health Service.....\$ 42 000

MILITARY

1. C. W. Weeks, Professor of Military Science and Tactics (1 yr.)...\$	900
2. _____, Storeroom Service.....	2 400
3. Jennie L. McWilliams (Mrs.), Stenographer (C. S.).....	1 500
4. Josephine Madigan, Stenographer (C. S.).....	1 260
5. Frances Lee, Stenographer (C. S.).....	1 020
6. Five student assistants to give instruction in Military Science (\$10 per mo.).....	500
7. 160 student assistantships for cadet officers (\$25 per semester).....	8 000
8. 65 student assistantships for bandmen (\$25 per semester), and services of band members at commencement.....	3 500

Total, Military.....\$ 19 080

WOMAN'S RESIDENCE HALLS

1. Beulah E. Gradwohl, House Manager of the Woman's Residence Hall and the West Residence Hall (12 mos.).....\$	3 000 ¹
2. Ida A. Ewald (Mrs.), Director of Social Activities in the West Residence Hall (10 mos.).....	900 ¹
3. Ella F. Boyd (Mrs.), Director of Social Activities in the Woman's Residence Hall (10 mos.).....	900 ¹

¹With maintenance, including living quarters, board, and personal laundry, while on duty. Salaries paid from the operating profits of the halls and not included in the budget total.

	<i>Salary</i>
4. Ida M. Staehle (Mrs.), House Manager and Social Director of Davenport House (10 mos.).....	\$ 1 250 ¹

McKINLEY HOSPITAL

1. Kate N. Putnam, Superintendent of McKinley Hospital (1 yr.)...	\$ 2 400 ²
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**CHICAGO GENERAL ADMINISTRATION
AND PHYSICAL PLANT**

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration and General.....	\$ 13 200 00	\$ 4 990 00	\$ 18 190 00
Physical Plant (Subject to adjustment within total)			
Building Operation.....		25 258 00	25 258 00
Building Maintenance.....		27 420 00	27 420 00
Heating and Lighting.....		26 925 00	26 925 00
<i>Total, Physical Plant</i>		(79 603 00)	(79 603 00)
Interest on Indebtedness.....		3 175 00	3 175 00
<i>Total</i>	\$ 13 200 00	\$ 87 768 00	\$ 100 968 00

Administration and Physical Plant

	<i>Salary</i>
1. W. H. Browne, Secretary of College of Medicine and Business Manager of the Chicago Departments (C. S.).....	\$ 2 500
(College of Medicine.....)	2 500)
(Total salary.....)	5 000)
2. E. C. Fletcher, Assistant Superintendent of Buildings and Purchasing Agent for the Chicago Departments (C. S.).....	3 500
3. Bess Walsh, Cashier and Stenographer (C. S.).....	1 600
4. Florence Schmidt (Mrs.), Clerk and Stenographer (C. S.).....	1 320
5. Leona Hanson, Switchboard Operator (C. S.).....	1 080
6. Florence Nelson (Mrs.), Bookkeeper (C. S.).....	1 700
7. Miriam Stillman (Mrs.), Chief Clerk (C. S.).....	1 500
<i>Total, Administration and Physical Plant</i>	\$ 13 200

COLLEGE OF MEDICINE

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 18 400 00	\$ 4 700 00	\$ 23 100 00
Contingent.....		3 100 00	3 100 00
General Equipment.....			
Animal Hospitals.....	5 910 00		5 910 00
Medical and Dental Illustration.....	(9 000 00) ³	(1 425 00) ³	(10 425 00) ³
Anatomy.....	32 640 00	11 000 00	43 640 00
Dermatology.....	9 110 00	1 100 00	10 210 00
Dispensary.....	35 790 00	18 000 00	53 790 00
Hospital Laboratory.....	17 390 00	4 675 00	22 065 00
Jurisprudence, Criminology, and Social Hygiene.....			
Laryngology, Rhinology, and Otology	3 700 00	1 400 00	5 100 00
Library.....	4 100 00	11 550 00	15 650 00

¹With maintenance, including living quarters, board, and personal laundry, while on duty. Salary paid from the operating profits of the halls and not included in the budget total.

²With maintenance, including living quarters, board, and laundry while hospital is in operation. Salaries paid from operating receipts of the Hospital and not included in the budget total.

³Entire amount chargeable to other departments of Medicine and Dentistry.

Medicine

(Subject to adjustment within total)			
Internal Medicine.....	\$ 26 300 00	\$ 4 230 00	\$ 30 530 00
Neurology and Psychiatry.....	5 100 00	1 350 00	6 450 00
Pediatrics.....	8 800 00	1 550 00	10 350 00
<i>Total, Medicine</i>	(40 200 00)	(7 130 00)	(47 330 00)
Obstetrics and Gynecology.....	16 400 00	2 250 00	18 650 00
Ophthalmology.....	6 470 00	1 080 00	7 550 00
Pathology and Bacteriology.....	30 890 00	9 675 00	40 565 00
Pharmacology and Therapeutics....	19 100 00	5 400 00	24 500 00
Physiology and Physiological			
Chemistry			
Physiology.....	17 980 00	3 130 00	21 110 00
Physiological Chemistry.....	19 340 00	6 150 00	25 490 00
<i>Total, Physiology and</i>			
<i>Physiological Chemistry</i>	(37 320 00)	(9 280 00)	(46 600 00)
Radiology.....	15 020 00	7 640 00	22 660 00
Surgery.....	29 776 00	9 350 00	39 126 00
<i>Grand Total</i>	\$322 216 00	\$107 330 00	\$429 546 00

Administration

	Salary
1. D. J. Davis, Dean (1 yr.), Professor of Pathology (Indef.).....	\$ 8 500
2. A. R. Cooper, Assistant to the Dean and Assistant Professor of Anatomy ($\frac{3}{4}$ time; 1 yr.).....	1 800
(Anatomy.....)	1 200)
(Total salary.....)	3 000)
3. Esther Broday, Secretary to the Dean (1 yr.; exempt).....	1 700
4. W. H. Browne, Secretary of the College of Medicine and Business Manager of the Chicago Departments (C. S.).....	2 500
(Chicago General Adm.....)	2 500)
(Total salary.....)	5 000)
5. Mabel Arneson, Assistant to the Secretary (C. S.).....	2 100
6. Ethel Engeljohn, Clerk (C. S.).....	1 800
<i>Total, Administration</i>	\$ 18 400

Animal Hospitals**Research Laboratory**

1. Karl Schlegel, Technician ($\frac{1}{2}$ time; 1 yr.).....	\$ 660
	plus
	tuition, lab.
	fees, and
	room
2. George Breeding, Animal Keeper (C. S.).....	1 500
3. _____, Animal Keeper (C. S.; $\frac{1}{2}$ time).....	690
4. A. L. Anderson, Technician (1 yr.).....	1 560

Medical Building

5. F. Stashak, Animal Keeper (C. S.).....	1 500
<i>Total, Animal Hospitals</i>	\$ 5 910

Medical and Dental Illustration

1. T. S. Jones, Chief Artist and Associate ($\frac{3}{4}$ time; 1 yr.).....	\$ 4 000
2. Marion L. Mason, Artist ($\frac{1}{2}$ time; 1 yr.).....	1 300
3. L. A. Toriello, Photographer (1 yr.).....	2 200
4. Nellie M. Frain (Mrs.), Artist in Dental Illustration ($\frac{1}{2}$ time; 1 yr.).....	1 500
<i>Total, Medical and Dental Illustration</i>	\$ 9 000

Anatomy

1. O. F. Kampmeier, Professor and Head of Department (Indef.)... \$	6 000
2. F. P. Reagan, Associate Professor (1 yr.).....	5 250
3. A. A. Zimmermann, Assistant Professor (1 yr.).....	3 500

	<i>Salary</i>
4. A. R. Cooper, Assistant Professor and Assistant to Dean ($\frac{3}{4}$ time; 1 yr.).....	\$ 1 200
(Medical Administration.....)	1 800)
(Total salary.....)	3 000)
5. R. L. Webb, Instructor (1 yr.).....	2 200
6. G. Zechel, Instructor ($\frac{1}{2}$ time; 1 yr.).....	1 400
7. _____, Instructor (1 yr.).....	2 500
8. _____, Instructor (1 yr.).....	2 000
9. Ruth Winkley, Technician (1 yr.).....	1 800
10. A. E. Fork (Mrs.), Technician ($\frac{3}{4}$ time; 1 yr.).....	1 050
11. George Miller, Technician (1 yr.).....	1 700
12. _____, Assistant (1 yr.).....	1 400
13. _____, Assistant (1 yr.).....	1 200
14. Katherine L. Lingenfelder, Typist (C. S.).....	1 440
15. _____, Assistant (1 yr.).....	Tuition and lab. fees
<i>Total, Anatomy.....</i>	\$ 32 640

Dermatology

1. F. E. Senear, Professor and Head of Department ($\frac{1}{2}$ time; Indef.)..	\$ 5 000
2. Max S. Wien, Assistant Professor ($\frac{1}{2}$ time; 1 yr.).....	1 200
3. Theodore Cornbleet, Instructor ($\frac{3}{4}$ time; 1 yr.).....	1 200
4. _____, Technician ($\frac{1}{2}$ time; 1 yr.).....	750
5. R. A. Lifvendahl, Assistant ($\frac{1}{2}$ time; 1 yr.).....	240
6. P. Gaberman, Assistant ($\frac{1}{2}$ time; 1 yr.).....	240
7. _____, Assistant ($\frac{1}{2}$ time; 1 yr.).....	240
8. _____, Assistant ($\frac{1}{2}$ time; 1 yr.).....	240
<i>Total, Dermatology.....</i>	\$ 9 110

Dispensary

1. E. S. Moore, Superintendent of Hospital Medical Staff ($\frac{3}{4}$ time; 1 yr.).....	\$ 3 900
2. _____, Anaesthetist (1 yr.).....	3 500
3. S. W. Morrison, Pharmacist and Associate in Pharmacy (1 yr.)... (Pharmacy.....)	1 750 1 750)
(Total salary.....)	3 500)
4. Helen F. Stocking, Dispensary Clerk (C. S.).....	1 400
5. Jessie Baskett Frederick (Mrs.), Dispensary Clerk (C. S.).....	1 020
6. _____, Dispensary Clerk (C. S.).....	1 020
7. Alice E. Fox, Drug Room Cashier and Clerk (C. S.).....	1 300
8. Clara M. Lowe, Superintendent of Dispensary Nurses (C. S.).....	2 100
9. Frances V. Craig, Assistant Superintendent of Dispensary Nurses (C. S.).....	2 000
10. Teresa J. Robertson, Dispensary Nurse (C. S.).....	1 800
11. Hattie C. Larson, Dispensary Nurse (C. S.).....	1 800
12. Alyce Riley, Dispensary Nurse (C. S.).....	1 800
13. Marie Sörenson, Dispensary Nurse and Cashier in Dermatology (C. S.).....	1 900
14. Hazel Koonce, Dispensary Nurse (C. S.).....	1 800
15. _____, Dispensary Nurse (C. S.).....	1 800
16. Elizabeth B. Andrushes, Dispensary Nurse (C. S.).....	1 800
17. Marguerite J. Glenn, Dispensary Nurse (C. S.).....	1 800
18. B. B. Miller, Orderly and Male Nurse (C. S.) (Also a room).....	1 500
19. _____, Dispensary Nurse (C. S.).....	1 800
<i>Total, Dispensary.....</i>	\$ 35 790

Hospital Laboratory

1. _____, Hospital Pathologist and Director (1 yr.) (Full time).....	\$ 3 600
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	<i>Salary</i>
2. R. P. MacFate, Hospital Chemist (1 yr.)	\$ 1 600
3. _____, Hospital Serologist (1 yr.)	1 800
4. _____, Bacteriologist (1 yr.)	1 800
5. Hedvig Kleppe, Assistant in Clinical Pathology (1 yr.)	1 560
6. _____, Assistant in Clinical Pathology (1 yr.)	1 500
7. Evald Petersen, Technician (1 yr.)	1 500
8. _____, Technician for General Dispensary (1 yr.)	1 320
9. Charlotte Karpas, Filing Clerk and Stenographer (½ time; C. S.)	750
(Ophthalmology)	750)
(Total salary)	1 500)
10. Louis Goldberg, Laboratory Attendant (C. S.)	960

Total, Hospital Laboratory.....\$ 17 390

Laryngology, Rhinology, and Otology

1. F. L. Lederer, Assistant Professor (½ time; 1 yr.)	\$ 1 600
2. Eleanor M. Kenny, Technician (1 yr.)	1 500
3. M. P. Palmer, Resident (1 yr. from July 1, 1929)	600

Total, Laryngology, Rhinology, and Otology.....\$ 3 700

Library

1. Metta M. Loomis, Librarian (C. S.)	\$ 2 500
2. Margaret M. Bates, Assistant Librarian (C. S.)	1 600

Total, Library.....\$ 4 100

Medicine

Internal Medicine

1. C. S. Williamson, Professor and Head of Department (½ time; Indef.)	\$ 5 000
2. R. W. Keeton, Professor (½ time; Indef.)	3 500
3. E. Foley, Assistant Professor (½ time; 1 yr.)	1 200
4. H. A. Singer, Assistant Professor (¾ time; 1 yr.)	1 800
5. A. L. Sawyer, Assistant Professor (½ time; 9 mos.)	300
6. A. VanderKloot, Assistant Professor (½ time; 9 mos.)	300
7. J. B. Cipriani, Assistant Professor (¾ time; 9 mos.)	300
8. D. W. Propst, Assistant Professor (¾ time; 9 mos.)	300
9. M. H. Streicher, Associate (¾ time; 1 yr.)	1 800
10. C. L. Birch, Associate (¾ time; 1 yr.)	1 800
11. _____, Instructor (1 yr.)	2 200
12. Paul Ewing, Instructor (1 yr.)	2 000
13. H. O. Deuss, Instructor (¾ time; 9 mos.)	300
14. Dorothy Dickson, Assistant (1 yr.)	1 800
15. A. R. Brandenberger, Resident (1 yr. from July 1, 1929)	600
16. Alyce Pollock, Social Service Worker and Stenographer (1 yr.)	1 600
17. Dorothy Sherman, Operator for Electrocardiograph (1 yr.)	1 500

Sub-total, Internal Medicine.....(\$26 300)

Neurology and Psychiatry

1. I. B. Diamond, Assistant Professor (½ time; 1 yr.)	1 200
2. D. M. Olkon, Associate (½ time; 1 yr.)	1 200
3. Frederic Storchheim, Resident (1 yr. from July 1, 1929)	600
4. Beatrice Kahn, Technician (1 yr.)	1 500
5. _____, Psychologist (1 yr.)	600

Sub-total, Neurology and Psychiatry..... (\$5 100)

Pediatrics

1. H. G. Poncher, Associate (1 yr.)	2 800
2. L. S. Robins, Associate (½ time; 1 yr.)	1 200

	<i>Salary</i>
3. Gustav Weinfeld, Associate ($\frac{1}{2}$ time; 1 yr.).....	\$ 1 200
4. _____, Assistant (1 yr.).....	1 500
5. _____, Assistant (1 yr.).....	1 500
6. _____, Resident (1 yr. from July 1, 1929).....	600
7. Maurice L. Dale, Instructor (5 mos. from July 1, 1929).....	(1 000) ¹
8. R. I. Klein, Research Assistant ($\frac{1}{2}$ time; 4 mos. from July 1, 1929)	(300) ¹
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<i>Sub-total, Pediatrics</i>	(\$8 800)
<i>Total, Department of Medicine</i>	\$ 40 200

Obstetrics and Gynecology

1. F. H. Falls, Professor and Head of Department ($\frac{1}{2}$ time; Indef.)..	\$ 5 000
2. _____, Associate (1 yr.).....	2 500
3. Florence W. Hark (Mrs.), Instructor ($\frac{1}{2}$ time; 1 yr.).....	1 200
4. A. F. Lash, Associate ($\frac{1}{2}$ time; 1 yr.).....	1 400
5. M. J. Summerville, Assistant and Resident (1 yr. from July 1, 1929).....	1 000
6. _____, Assistant and Resident (1 yr. from July 1, 1929).	1 000
7. _____, Instructor ($\frac{1}{2}$ time; 1 yr.).....	1 000
8. J. R. McLaughlin, Assistant ($\frac{1}{4}$ time; 1 yr.).....	400
9. M. J. Rose, Instructor ($\frac{1}{4}$ time; 1 yr.).....	400
10. Elvira Mahoney, Technician ($\frac{1}{2}$ time; 1 yr.).....	900
(Surgery.....)	900)
(Total salary.....)	1 800)
11. Paulette Burgie, Stenographer (C. S.).....	1 200
12. _____, Instructor ($\frac{1}{4}$ time; 1 yr.).....	400
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<i>Total, Obstetrics and Gynecology</i>	\$ 16 400

Ophthalmology

1. Hallard Beard, Associate Professor ($\frac{1}{2}$ time; 1 yr.).....	\$ 1 800
2. M. L. Folk, Associate ($\frac{1}{2}$ time; 1 yr.).....	1 500
3. S. C. Greenwald, Associate ($\frac{1}{2}$ time; 1 yr.).....	800
4. Kenneth C. Brandenburg, Resident (1 yr. from July 1, 1929).....	600
5. Charlotte Karpas, Technician ($\frac{1}{2}$ time; 1 yr.).....	750
(Hospital Laboratory.....)	750)
(Total salary.....)	1 500)
6. Nan Cushing, Refractionist ($\frac{1}{2}$ time; 1 yr.).....	1 020
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<i>Total, Ophthalmology</i>	\$ 6 470

Pathology and Bacteriology

1. D. J. Davis, Professor and Head of Department (Indef.), Dean (1 yr.) (Salary under Administration).....
2. W. F. Petersen, Professor of Pathology (Indef.).....	\$ 6 500
3. L. Arnold, Professor (Indef.).....	5 500
4. _____, Associate Professor of Pathology.....	4 500
5. I. Pilot, Associate Professor ($\frac{1}{2}$ time; 1 yr.).....	1 600
6. _____, Assistant Professor ($\frac{1}{2}$ time; 1 yr.).....	1 500
7. Benjamin Goldberg, Assistant Professor (1 yr.).....	(No salary)
8. B. Z. Rappaport, Associate in Pathology ($\frac{3}{4}$ time; 1 yr.).....	(No salary)
9. _____, Instructor ($\frac{1}{2}$ time; 1 yr.).....	1 200
10. M. G. Bohrod, Instructor ($\frac{1}{2}$ time; 1 yr.).....	1 200
11. _____, Instructor ($\frac{1}{2}$ time; 1 yr.).....	1 200
12. H. C. Becker, Instructor in Hygiene (4 mos.; II sem.).....	250
13. J. Lepak, Chief Technician (1 yr.).....	1 800
14. S. Moore, Technician (1 yr.).....	1 500
15. Hilda Paulsen, Technician (1 yr.).....	1 500
16. Charlotte T. Olsen, Technician (1 yr.).....	1 200

¹Paid from funds for investigation of irradiated ergosterol.

	<i>Salary</i>
17. _____, Stenographer (C. S.).....	\$ 1 44 ^o
18. T. G. Hull, Assistant Professor (1 yr.).....	(No salary)

Total, Pathology and Bacteriology..... \$ 30 890

Pharmacology and Therapeutics

1. H. A. McGuigan, Professor and Head of Department (Indef.).....	\$ 7 000
2. W. J. R. Camp, Assistant Professor (1 yr.).....	4 200
3. _____, Associate (1 yr.).....	2 200
4. _____, Instructor in Pharmacology and Therapeutics (1 yr.).....	1 800
5. La Verne Masterson, Stenographer (C. S.).....	1 500
6. John Willard, Technician (1 yr.).....	1 44 ^o
7. _____, Laboratory Helper (1 yr.).....	960

Total, Pharmacology and Therapeutics..... \$ 19 100

Physiology and Physiological Chemistry

Physiology

1. G. P. Dreyer, Professor and Head of Department (Indef.).....	\$ 5 500
2. R. M. Oslund, Associate Professor (1 yr.).....	4 200
3. C. I. Reed, Assistant Professor (1 yr.).....	3 500
4. _____, Instructor ($\frac{1}{2}$ time; 8 mos. from Oct. 1, 1929)...	700
5. L. D. Seager, Assistant ($\frac{1}{2}$ time; 8 mos. from Oct. 1, 1929).....	600
6. J. W. Thomas, Mechanic and Technician (1 yr.).....	1 800
7. R. E. Vessey, Laboratory Helper (C. S.).....	1 080
8. _____, Technician ($\frac{1}{2}$ time; 1 yr.).....	600

Sub-total, Physiology..... (\$17 980)

Physiological Chemistry

1. W. H. Welker, Professor (Indef.).....	6 500
2. O. Bergeim, Associate Professor (Indef.).....	4 000
3. A. G. Cole, Associate (1 yr.).....	2 600
4. A. K. Boor, Assistant ($\frac{1}{2}$ time; 1 yr.).....	1 200
5. _____, Assistant (1 yr.).....	1 200
6. R. W. Freeman, Technician (1 yr.).....	1 080
7. O. R. Burns, Technician (1 yr.).....	1 260
8. Sara Bock, Stenographer (C. S.).....	1 500

Sub-total, Physiological Chemistry..... (\$19 340)

Total, Physiology and Physiological Chemistry..... \$ 37 320

Radiology

1. Adolph Hartung, Professor of Radiology ($\frac{1}{2}$ time; Indef.).....	\$ 4 500
2. Albert Bachem, Professor of Bio-Physics (1 yr.).....	4 800
3. Arshag Killian, Assistant in Radiology (1 yr.).....	2 600
4. Margaret Hallinan, Nurse Attendant (1 yr.).....	1 800
5. Martha Cunningham, Stenographer (C. S.).....	1 320

Total, Radiology..... \$ 15 020

Surgery

1. C. A. Hedblom, Professor and Head of Department ($\frac{3}{4}$ time; Indef.).....	\$ 7 500
2. _____, Associate Professor ($\frac{3}{4}$ time; 1 yr.).....	3 000
3. O. E. Nadeau, Assistant Professor ($\frac{1}{2}$ time; 1 yr.).....	600
4. J. D. Koucky, Associate ($\frac{3}{4}$ time; 1 yr.).....	2 000
5. L. Seed, Associate ($\frac{3}{4}$ time; 1 yr.).....	2 000
6. J. R. Head, Instructor ($\frac{3}{4}$ time; 1 yr.).....	2 000
7. W. Van Hazel, Instructor in Genito-Urinary Surgery ($\frac{3}{4}$ time; 1 yr.)	1 800

	<i>Salary</i>
8. F. H. Steinman, Assistant and Senior Resident (1 yr.).....	\$ 1 200
9. D. A. Pence, First Junior Resident (1 yr.).....	600
10. C. N. Lambert, Second Junior Resident (1 yr.).....	600
11. Elvira Mahoney, Surgical Technician (½ time; 1 yr.).....	900
(Obstetrics.....)	900)
(Total salary.....)	1 800)
12. G. A. Kneeland, Technician (1 yr.).....	1 500
13. C. H. Phifer, Professor (Indef.).....	192
14. Arrie Bamberger, Assistant Professor (1 yr.).....	192
15. R. C. Sullivan, Associate (1 yr.).....	192
16. Isabel O. LaBine, Stenographer (C. S.).....	1 500
17. _____, Assistant Professor, Neurological Surgery (¾ time; 1 yr.).....	2 500
18. _____, Technician in Orthopedic Surgery (1 yr.).....	1 500
<i>Total, Surgery</i>	\$ 29 776

COLLEGE OF DENTISTRY

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 10 500 00	\$ 4 500 00	\$ 15 000 00
Illustration.....		2 700 00	2 700 00
Children's Clinic.....	4 000 00	600 00	4 600 00
English.....	1 000 00		1 000 00
Histology.....	6 200 00	1 308 00	7 508 00
Infirmary.....	11 600 00	16 000 00	27 600 00
Jurisprudence.....			
Materia Medica and Therapeutics...	12 700 00	625 00	13 325 00
Operative Dentistry.....	13 100 00	350 00	13 450 00
Oral Surgery.....	15 300 00	1 250 00	16 550 00
Orthodontia.....	8 730 00	800 00	9 530 00
Prosthetic Dentistry.....	25 200 00	1 050 00	26 250 00
Roentgenology.....	3 280 00	1 000 00	4 280 00
Technical Drawing.....	600 00		600 00
<i>Total</i>	\$112 210 00	\$ 30 183 00	\$142 393 00

Administration

	<i>Salary</i>
1. F. B. Noyes, Dean of the College of Dentistry, Director of Children's Clinic (1 yr.), Professor of Orthodontia (½ time; Indef.)	\$ 5 000
2. Nell Snow Talbot (Mrs.), Assistant to the Dean (1 yr.).....	2 500
(English Department.....)	1 000)
(Total salary.....)	3 500)
3. Miriam R. Borg, Secretary to the Dean (1 yr.; exempt).....	1 800
4. Mildred Warren, Stenographer (C. S.).....	1 200
<i>Total, Administration</i>	\$ 10 500

Children's Clinic

1. F. B. Noyes, Dean of the College of Dentistry, Director of Children's Clinic (1 yr.) (½ time) (Salary under Administration).....	.....
2. Elsie Gerlach, Superintendent of Children's Clinic; Associate (1 yr.)	\$ 2 400
3. _____, Assistant (1 yr.).....	1 600
<i>Total, Children's Clinic</i>	\$ 4 000

English

1. Nell Snow Talbot (Mrs.), Associate (1 yr.).....	\$ 1 000
(Dentistry Administration.....)	2 500)
(Total salary.....)	3 500)

Histology		<i>Salary</i>
1. I. Schour, Assistant Professor (1 yr.).....	\$	4 000
2. Frances Schwab, Instructor (1 yr.).....		2 200
<i>Total, Histology</i>		\$ 6 200

Infirmary		
1. V. T. Nylander, Director of Infirmary (1 yr.), Associate Professor (Indef.; $\frac{3}{5}$ time) (Salary under Operative Dentistry).....		.....
2. J. R. Blayney, Associate Director (1 yr.), Associate Professor (Indef.) (Salary under Materia Medica).....		.....
3. Alida Y. Shultheis, Clerk (C. S.).....	\$	1 300
4. Anna Toomey, Clerk (C. S.).....		1 800
5. Maud Gubbins, Filing Clerk (C. S.).....		1 500
6. G. Swanson, Technician (1 yr.).....		2 700
7. Carolyn Peterson, Nurse (C. S.).....		1 800
8. P. G. Lilja, Examiner; Associate ($\frac{3}{5}$ time; 1 yr.).....		2 500
<i>Total, Infirmary</i>		\$ 11 600

Materia Medica and Therapeutics		
1. J. R. Blayney, Associate Professor (Indef.), Associate Director of Infirmary (1 yr.).....	\$	6 000
2. E. C. Wach, Associate ($\frac{1}{2}$ time; 1 yr.).....		1 500
3. Anita Ellingson, Instructor (1 yr.).....		2 200
4. R. G. Kesel, Associate (1 yr.).....		3 000
<i>Total, Materia Medica and Therapeutics</i>		\$ 12 700

Operative Dentistry		
1. D. M. Gallie, Professor (Indef.) (four hours each week).....	\$	1 200
2. V. T. Nylander, Associate Professor (Indef.); Director of Infirmary (1 yr.) ($\frac{3}{5}$ time).....		4 500
3. E. J. Krejci, Associate ($\frac{1}{2}$ time; 1 yr.).....		2 400
4. T. W. Humble, Associate ($\frac{1}{2}$ time; 1 yr.).....		1 500
5. W. M. Mann, Instructor ($\frac{1}{2}$ time; 1 yr.).....		1 000
6. R. K. Baxter, Instructor (1 $\frac{1}{2}$ hours each week; 1 yr.).....		1 400
7. _____, Instructor ($\frac{1}{2}$ time; 1 yr.).....		1 100
<i>Total, Operative Dentistry</i>		\$ 13 100

Oral Surgery		
1. F. B. Moorehead, Professor ($\frac{1}{2}$ time; Indef.).....	\$	5 000
2. L. Schultz, Professor (4 hours each week; Indef.).....		1 200
3. R. L. Ladd, Assistant Professor ($\frac{3}{5}$ time; 1 yr.).....		3 000
4. Anna Rieke, Instructor (1 yr.).....		2 400
5. _____, Instructor (1 yr.; 11 hours each week).....		900
6. E. Olech, Associate (1 yr.; 11 hours each week).....		1 100
7. Nellie M. Frain, Artist ($\frac{1}{2}$ time; 1 yr.) (Salary under Medical and Dental Illustration).....		.....
8. Marie Westgate, Technician (1 yr.).....		1 700
<i>Total, Oral Surgery</i>		\$ 15 300

Orthodontia		
1. F. B. Noyes, Director of Children's Clinic (1 yr.), Professor of Orthodontia (Indef.) ($\frac{1}{2}$ time) (Salary under Administration).....		.....
2. A. G. Brodie, Professor ($\frac{1}{2}$ time; 1 yr.).....	\$	4 500
3. B. O. Sippy, Associate Professor ($\frac{3}{10}$ time; Indef.).....		2 250
4. Mary Newell, Instructor (1 yr.; 3 hours each week).....		480
5. Bess Helen Faust, Assistant (1 yr.).....		1 500
<i>Total, Orthodontia</i>		\$ 8 730

Prosthetic Dentistry		<i>Salary</i>
1. G. W. Dittmar, Professor (Indef.; 4 hours each week).....	\$	1 200
2. S. D. Tylman, Associate Professor (Indef.; $\frac{3}{5}$ time)		4 500
3. J. S. Kellogg, Associate Professor (Indef.).....		5 500
4. W. H. Kubacki, Associate Professor (Indef.; 40 hours each week)...		4 500
5. G. Kolar, Associate ($\frac{1}{2}$ time; 1 yr.).....		1 300
6. R. A. Jentsch, Associate ($\frac{1}{2}$ time; 1 yr.).....		1 300
7. W. B. Downs, Associate ($\frac{1}{2}$ time; 1 yr.).....		1 300
8. K. F. Knudtson, Instructor ($\frac{1}{2}$ time; 1 yr.).....		1 200
9. M. Galvin, Instructor ($\frac{1}{2}$ time; 1 yr.).....		1 200
10. S. F. Bradel, Instructor (1 yr.).....		2 200
11. _____, Instructor ($\frac{1}{2}$ time; 1 yr.).....		1 000

Total, Prosthetic Dentistry.....\$ 25 200

Roentgenology		
1. Margaret Dame, Instructor (1 yr.).....	\$	2 200
2. Judith Williams, Technician (1 yr.).....		1 080

Total, Roentgenology.....\$ 3 280

Technical Drawing		
1. C. Kerrick, Instructor (1 yr.) (5 hours each week, 1 sem.)	\$	600

SCHOOL OF PHARMACY

Botany and Materia Medica

1. W. B. Day, Professor (Indef.), Dean (1 yr.).....	\$	7 000
2. E. N. Gathercoal, Professor (Indef.).....		5 000
3. E. H. Wirth, Assistant Professor (1 yr.).....		3 600
4. S. E. Owen, Instructor (10 mos.).....		2 700
5. J. T. Groot, Lecturer (10 mos.).....		600
6. J. A. Dorjahn, Assistant (10 mos.).....		2 100
7. P. D. Carpenter, Assistant (10 mos.).....		1 800
8. Margaret Gallagher, Assistant (10 mos.).....		1 750
9. Vivian J. Stuchlik, Assistant (10 mos.).....		1 350
10. L. B. Eyer, Assistant (10 mos.).....		1 500
11. George Riendeau, Assistant (10 mos.).....		1 350

Chemistry

12. A. H. Clark, Professor (Indef.).....	\$	5 000
13. H. L. Davis, Assistant Professor (2 yrs. from Sept. 1, 1929).....		3 700
14. G. L. Webster, Associate (1 yr.).....		3 000
15. C. W. Clarke, Associate (1 yr.).....		3 100
16. L. D. Powers, Instructor (10 mos.).....		2 500
17. Rebecca Rosenblum, Assistant (10 mos.).....		1 700
18. E. R. P. Kirch, Assistant (10 mos.).....		1 400
19. P. G. Soderdahl, Assistant (10 mos.).....		1 200
20. Gilbert Mintz, Assistant (10 mos.).....		1 400
21. H. B. Pesata, Assistant (10 mos.).....		1 200

Pharmacy

22. C. M. Snow, Professor (Indef.).....	\$	5 000
23. R. E. Terry, Assistant Professor (1 yr.).....		3 500
24. L. E. Martin, Instructor (10 mos.).....		2 700
25. H. M. Emig, Instructor (10 mos.).....		2 600
26. S. W. Morrison, Associate and Pharmacist in the Research Hospital (College of Medicine.....)		1 750 1 750)
(Total salary.....)		3 500)
27. S. Shkolnik, Instructor (1 yr.) and acts as pharmacist in the Re- search Hospital while pharmacist is on vacation 1 month in summer and 2 half days each month during school year.....		2 300

	<i>Salary</i>
28. J. J. Ocenasek, Assistant (10 mos.).....	\$ 2 000
29. M. Balin, Assistant (10 mos.).....	1 700
30. R. Reifler, Assistant (10 mos.).....	1 700
31. Leonard Levin, Assistant (10 mos.).....	1 400
32. Lawrence Templeton, Assistant (10 mos.).....	1 500
General	
33. A. Burger, Technician (10 mos.).....	\$ 1 200
34. K. B. Teague, Technician (10 mos.).....	1 200
35. Mary M. Scanlan, Secretary to the Dean (1 yr.; exempt).....	2 100
36. Dorothea M. Wheeler (Mrs.), Stenographer (C. S.).....	1 500
37. Tillie Tinsky, Stenographer (C. S.).....	1 360
38. Leona M. Frankovich, Stenographer (C. S.).....	1 200
<i>Total, School of Pharmacy</i>	\$ 86 840

PHYSICAL PLANT EXTENSION, 1929-30

(Subject to Adjustments within the Total)

URBANA-CHAMPAIGN

Building Improvements	
Plumbing Improvements.....	\$ 4 000
Heating Improvements.....	4 000
Lighting Improvements.....	4 000
Minor Building Improvements.....	24 000
Awnings, Screens, etc.....	1 000
Lightning and Fire Protection.....	2 000
	<hr/> \$39 000
Campus Improvements	
Sidewalks.....	6 000
Drives, Grading, and Planting.....	10 000
Sewer and Drainage Improvements.....	1 000
	<hr/> 17 000
Furniture and Fixtures	
Special Furnishings.....	2 000
Classroom Furniture.....	3 000
Departmental Furniture.....	3 000
Lockers.....	1 000
	<hr/> 9 000
Heat, Power, and Light Improvements	
Car mover to handle coal cars.....	500
Centrifugal Pump at Vivarium (soft water).....	200
Service Pump at Pumping Station.....	1 500
Flow Meter at Power Plant.....	500
6" Heating Main, 3" Return Main from Ceramics to H. P. Gas Research Laboratories.....	3 000
4" Steam Line in Old 8" Line from Materials Test- ing Laboratory to Vivarium.....	500
Sump Pump for South Tunnel.....	600
Electric Cable to Library.....	3 000
Two-pipe Steam Line to Natural History Building.....	2 400
Rheostat for Power Factor Booster.....	100
Exciter for Engine Room.....	200
	<hr/> 12 500
General	
Paving and Lighting Assessments.....	6 000
Replace Trucks and Cars.....	6 000
Locomotive Crane.....	12 500
Liquid Air Machine.....	6 000
Electrical Equipment.....	5 000
Garage Equipment.....	1 000
	<hr/> 36 500

CHICAGO

Medical Building	}\$ 16 000
Dental Building		
Pharmacy Building		
Research Laboratory		
Research Hospital		
<i>Total</i>\$130 000

NEW APPOINTMENTS TO THE STAFF FOR 1929-30

(29) A list of new appointments to minor positions on the staff for 1929-30 has been approved since the last report was made to the Board. The names are included in the budget under the respective departments.

On motion of Mrs. Grigsby, the action of the President in making these appointments was confirmed.

SPECIAL NON-RECURRING APPROPRIATIONS

(30) I recommend that appropriations be made for special purposes as listed below.

These appropriations are over and above the budget appropriations for normal operation and equipment and are for special non-recurring needs of the year or for securing necessary important but costly equipment which should not be included in the normal operating budget.

Appropriations for these special purposes are made in total for the benefit of all departments of the College indicated unless otherwise specified and may be expended only on order of the Dean of the College, and, for expenditures exceeding \$500, the approval of the President. All such requisitions, however, should be sent to the Comptroller. All requisitions must show total expense of installation and necessary physical alterations and the purchase must not add to the net annual operating expense of the department or college without provision having been previously made therefor.

No expenditures may be made from the appropriations to the various Colleges other than the Graduate School for research of individual members of the staff or for graduate instruction except for work in the experiment stations or bureaus of research. No expenditures may be made from the appropriation to the Graduate School for equipment other than for the purposes of the research of individual members of the staff or for graduate instruction, not including, however, equipment for the work of the experiment stations and bureaus of research.

SPECIAL NON-RECURRING APPROPRIATIONS 1929-30

Alumni News.....	\$ 3 000
Education (typewriters for High School) ¹	700
Painting Outside of Pharmacy Building.....	2 000
Dentistry Equipment ¹	2 420
Engineering Equipment ¹	15 000
Music Equipment ¹	8 000
Liberal Arts and Sciences Equipment ¹	12 000
Agriculture Equipment ¹	20 000
University Press Equipment.....	7 000
Medicine Equipment ¹	15 000
Editing and Printing of Laws and Regulations.....	1 500
Graduate School (Illinium Research).....	5 000
Special Research Fund ²	20 000
Art Collection.....	10 000
Illinois Archaeological Explorations.....	5 000
President's Special Lecture Fund.....	1 500
Moving Departments.....	1 000
<i>Total</i> .....	.....\$129 120

¹Unencumbered balance lapses, April 1, 1930.

²To be assigned by President.

On motion of Mrs. Evans, these appropriations were made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Trees.

GYMNASIUM AND AUDITORIUM FOR HIGH SCHOOL

(31) After conference with the Dean of the College of Education, the Supervising Architect recommends that an appropriation of \$25,000 be made for the construction of an addition to the Education Building to house a gymnasium and auditorium for the University High School. I concur.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Trees.

SUGGESTED PURCHASE OF JONES PROPERTY

(32) The Supervising Architect recommends that an appropriation of \$9,000, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund, for the purchase of the Jones property on Railroad Street in Urbana, which is just east of the land on which the University coal is stored.

On motion of Mrs. Evans, this matter was referred to the Committee on Buildings and Grounds for consideration and report.

APPROPRIATION FOR CHANGES IN CERAMICS BUILDING

(33) The Supervising Architect recommends that an appropriation of \$7,500, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund, for certain structural improvements in the Ceramics Building, which will be required with the removal of the material testing equipment to the new laboratory.

I concur in this recommendation.

On motion of Mrs. Busey, this appropriation was made by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Trees.

APPROPRIATION FOR PRINT SHOP

(34) The Supervising Architect recommends that an appropriation of \$1,600, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for certain building changes to provide additional space for the Print Shop for storage.

I concur in this recommendation.

On motion of Mrs. Busey, this appropriation was made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Trees.

ATHLETIC ASSOCIATION BUDGET

(35) The Board of Directors of the Athletic Association submits the budget for the year 1929-30.

I recommend that this budget be referred to the Finance Committee for consideration and report.

This budget was referred to the Finance Committee as recommended.

THE REGISTRAR'S REPORT OF FEES

(36) The Registrar submits the following report of fees assessed by him for the second semester of 1928-29:

REGISTRAR'S REPORT OF FEES ASSESSED

Second Semester, 1928-29

URBANA DEPARTMENTS

	Gross	Refund	Net Total
Matriculation.....	\$ 3 750 00	\$ 80 00	\$ 3 670 00
Incidental			
Resident.....	184 300 00	3 462 50	180 837 50
Non-Resident.....	51 050 00	1 050 00	50 000 00
Thesis Work in Absentia.....	40 00		40 00
Tuition.....	1 215 00	127 50	1 087 50
Visitor's.....	172 50		172 50
Late Registration.....	1 235 00	475 00	760 00
Change.....	1 413 00	1 00	1 412 00
Special Examination.....	2 090 00	15 00	2 075 00
Special Fee in English.....	75 00		75 00
Transcript of Credits.....	260 50	1 50	259 00
Diploma.....	17 550 00	100 00	17 450 00
<i>Total General Fees, Urbana.....</i>	<i>\$263 151 00</i>	<i>\$5 312 50</i>	<i>\$257 838 50</i>

Laboratory Fees			
Agronomy.....	280 50	6 00	274 50
Anatomy.....	780 00	12 50	767 50
Athletic Coaching.....	458 00	9 00	449 00
Bacteriology.....	879 50	15 75	863 75
Botany.....	788 00	29 75	758 25
Ceramic Engineering.....	120 00	2 00	118 00
Chemistry.....	17 759 00	756 00	17 003 00
Civil Engineering.....	727 00	11 00	716 00
Dairy Husbandry.....	160 50	15 00	145 50
Electrical Engineering.....	546 75	4 25	542 50
Entomology.....	152 25	13 25	139 00
Farm Mechanics.....	150 50	13 00	137 50
General Engineering Drawing.....	497 00	27 50	469 50
Geology.....	378 50	14 75	363 75
Home Economics.....	1 122 50	46 25	1 076 25
Horticulture.....	478 50	14 25	464 25
Journalism.....	201 00	6 50	194 50
Law.....	43 00		43 00
Mechanical Engineering.....	1 136 50	25 25	1 111 25
Mining Engineering.....	10 50		10 50
Music.....	4 425 00	312 50	4 112 50
Physical Education (Women).....	2 197 50	67 50	2 130 00
Physics.....	1 936 00	49 50	1 886 50
Physiology.....	738 50	15 75	722 75
Psychology.....	42 00	3 00	39 00
Public Speaking.....	110 00	10 00	100 00
Spanish.....	10 50	1 00	9 50
T. & A. Mechanics.....	543 50	39 00	504 50
Zoology.....	1 534 25	70 87	1 463 38
<i>Total Laboratory Fees, Urbana.....</i>	<i>\$ 38 206 75</i>	<i>\$1 591 12</i>	<i>\$ 36 615 63</i>
<i>Total Fees, Urbana.....</i>	<i>\$301 357 75</i>	<i>\$6 903 62</i>	<i>\$294 454 13</i>

CHICAGO DEPARTMENTS¹

Matriculation.....	\$ 30 00		\$ 30 00
Tuition.....	59 891 68	\$ 707 28	59 184 40
Late Registration.....	15 00		15 00
Transcript of Credits.....	17 00		17 00
Special Examination.....	385 00		385 00
Diploma.....	2 500 00		2 500 00
<i>Total General Fees, Chicago.....</i>	<i>\$ 62 838 68</i>	<i>\$ 707 28</i>	<i>\$ 62 131 40</i>
Laboratory Fees.....	17 168 25	400 08	16 768 17
<i>Total Fees, Chicago.....</i>	<i>\$ 80 006 93</i>	<i>\$1 107 36</i>	<i>\$ 78 899 57</i>
TOTAL FEES, UNIVERSITY.....	\$381 364 68	\$8 010 98	\$373 353 70

This report was received for record.

¹Does not include deposits, breakage fees, locker fees and infirmary fees. During the academic year a total of \$18,001.92 has been assessed on account of these items. The total refunds on these items have been \$4,699.20. The year figures are given rather than the semester figures because several of these fees are assessed the first semester and refunded in June.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(37) The following report from the Comptroller on contracts and purchases executed since the last report:

July 12, 1929

President David Kinley, 355 Administration West

DEAR PRESIDENT KINLEY:

I transmit herewith report of contracts executed by the Comptroller since the last report, together with report of the Purchasing Agent of purchase orders issued during the month of June, 1929, amounting to \$1,000 or more.

I am also submitting a summary of all purchase orders for the year ending June 30, 1929. As the report indicates, a total of 14,328 orders were issued during the year representing a total amount of \$933,545. Of this number 102, representing a cost of \$275,155, were \$1,000 or over in amount and have been reported to the Board in detail month by month.

Orders placed within the State of Illinois represented 76 per cent of the total.

Definite prices were secured, competition being followed in every case practicable, on 56 per cent of the orders issued. These orders represented 84 per cent of the total cost of all orders placed.

Respectfully submitted,
LLOYD MOREY
Comptroller

CONTRACTS EXECUTED BY THE COMPTROLLER JUNE 5, 1929, TO JULY 12, 1929

Contract reported to the Board of Trustees in meeting of June 11, 1929:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Chilean Nitrate of Soda Educational Bureau of N. Y. City	\$1 500	May 29, 1929	Experimental research by Agricultural Experiment Station on effects of potash on crop production.

Contracts executed under general regulations:

Paul S. Millikin	1 200	June 21, 1929	Cleaning, pressing and repairing 2,500 army overcoats.
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Illinois Printing Company	7 934 (Approximately) Based on unit prices.	June 24, 1929	Printing, binding, and delivering 4,000 copies of 1928 Alumni Directory.
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Lease contract executed under general regulations:

<i>Leased to</i>	<i>Property</i>	<i>Rental</i>	<i>Date</i>	<i>Tenure</i>
A. C. Wilson	Dwelling at 806 South Sixth St., Champaign, Illinois	\$70.00 per month	June 30, 1929	July 1, 1929, to June 30, 1930.

PURCHASE ORDERS ISSUED IN JUNE AMOUNTING TO \$1000 OR MORE

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
Agricultural Extension Service	E. V. Kirby Company	Two Fords	\$1 290 00	Quoted
Agricultural Extension Service	E. V. Kirby Company	Five Fords	2 835 00	Quoted
Dairy	Mojonnier Brothers Company	Vacuum Pan	1 815 70	Quoted
Supervising Architect	American Seating Company	Chairs	4 620 00	Competitive ¹
Supervising Architect	Central States General Electric Supply Company	Lighting Fixtures	1 195 89	Competitive ²
Supervising Architect	Central States General Electric Supply Company	Lighting Fixtures	1 953 80	Competitive ²
Dairy	J. L. Brentlinger	Wheat Straw	1 035 00	Competitive
Supervising Architect	Curtis Lighting, Inc.	Ceiling Units	1 019 00	Competitive ²

Supervising Architect	American Seating Company	Chairs	\$ 2 120 00	Competitive ¹
Supervising Architect	Allis Chalmers Manufacturing Company	Centrifugal Pumps	5 939 00	Competitive ⁴
Supervising Architect	American Well Works	Centrifugal Pumps	1 583 00	Competitive ⁴
Supervising Architect	Steel Furniture Company	Opera Chairs	5 501 70	Competitive ⁴
Supervising Architect	G. B. Limbert and Company	Steel Pipe	4 286 00	Competitive
Supervising Architect	W. B. Read and Company	Desks	1 105 92	Competitive
Horticulture	Melzer Auto Sales	Dodge Truck	1 110 25	Quoted
Total.....			\$37 410 26	

¹Approved by Board of Trustees June 11, 1929.

²Bids received by Supervising Architect and approved by the Board of Trustees June 11, 1929.

³Same chair as on previous award by the Board of Trustees.

⁴Approved by the Executive Committee of the Board of Trustees June 28, 1929.

SUMMARY OF PURCHASE ORDERS, YEAR ENDING JUNE 30, 1929

	Number	Per cent
Purchase orders placed locally.....	5 329	37 19
Purchase orders placed in the state other than locally.....	5 578	38 93
Purchase orders placed in the United States other than Illinois.....	3 360	23 45
Purchase orders placed in foreign countries.....	61	43
Procedure by Number of Orders		
	14 328	100 00
Open orders.....	5 667	39 55
Quoted prices.....	7 991	55 77
Blanket orders.....	491	3 43
Emergency orders.....	63	44
Contract.....	116	81
Procedure by Volume of Orders		
	14 328 ¹	100 00
Open orders.....	\$101 988 50	10 92
Quoted prices.....	781 067 67	83 67
Blanket orders.....	39 937 12	4 28
Emergency orders.....	380 76	04
Contract.....	10 170 81	1 09
\$933 544 86¹		100 00

¹A total of 102 of these orders amounting to \$275,155.46 were \$1,000 or over in amount and have been reported to the Board in detail month by month.

H. M. EDWARDS
Purchasing Agent

This report was received for record.

CERTIFIED COPIES OF UNIVERSITY APPROPRIATION BILL

(38) I submit herewith certified copies of the Acts passed by the 56th General Assembly, making appropriations to the University of Illinois for 1929-31. These include the general appropriation bill providing for a total of \$12,095,000 (\$12,030,000 plus \$65,000 interest on the endowment funds of the University), the reappropriation of Federal funds granted under Acts of Congress passed 1890 and 1907 (totaling \$100,000), and an appropriation of \$20,000 for the Cook County Experiment Station.

(SENATE BILL NO. 115)

An Act making appropriations for the University of Illinois and providing for the expenditure thereof.

Be it enacted by the People of the State of Illinois, represented in the General Assembly:

SECTION 1. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1929, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of four million seven hundred sixty-five thousand dollars (\$4,765,000) per annum, payable as follows: Out of money paid into the State Treasury and set apart for the use and maintenance of the University of Illinois, in accordance with an Act entitled, "An Act to provide by

State tax for a fund for the support and maintenance of the University of Illinois," approved June 10, 1911, in force July 1, 1911, as amended July 7, 1927, two million seven hundred and fifty thousand dollars (\$2,750,000) per annum; out of any funds in the State Treasury not otherwise appropriated, two million and fifteen thousand dollars (\$2,015,000) per annum; for the following objects and purposes:

For salaries and wages.....	\$3 515 000 per annum
For office expenses, including printing and publications.....	150 000 per annum
For travel.....	35 000 per annum
For operation.....	485 000 per annum
For repairs.....	160 000 per annum
For equipment.....	290 000 per annum
For improvements other than new buildings.....	130 000 per annum

Total.....\$4 765 000 per annum

Sec. 2. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1929, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, the sum of two million five hundred thousand dollars (\$2,500,000) payable out of any funds in the State Treasury not otherwise appropriated, for buildings as follows:

Addition to Power Plant:

(Boiler House Addition and equipment, new deep well, and filtration plant).....	\$ 250 000
Woman's Gymnasium and Equipment.....	300 000
Chemistry Annex and Equipment.....	335 000
Agricultural Buildings and Equipment (Completion of Cattle Feeding Plant and Agronomy Seed House).....	115 000
Medical and Dental Laboratories and Equipment to be located on the grounds of the Research and Educational Hospital in Chicago.....	1 500 000

Sec. 3. The appropriations made in Sections 1 and 2 of this Act shall be subject to all the provisions, conditions, and limitations of an Act entitled, "An Act in relation to State finance," approved June 10, 1919, in force July 1, 1919.

Sec. 4. There is hereby appropriated to the University of Illinois for the two years beginning July 1, 1929, and until the expiration of the first fiscal quarter after the adjournment of the next General Assembly, for the payment of interest on the endowment funds of said University as provided by Section 2 of an Act entitled, "An Act to make appropriations for the University of Illinois, and providing for the management of the funds of said University and for the protecting of the interest of the State in connection therewith," approved and in force June 11, 1897, the sum of thirty-two thousand five hundred dollars (\$32,500) per annum, or so much thereof as may be necessary under the terms of said Act.

Sec. 5. Upon the Order of the President of the Board of Trustees of the University of Illinois, countersigned by its Secretary and with the corporate seal of said University attached thereto, the Auditor of Public Accounts is herewith authorized and directed to draw his warrants on the State Treasurer for the sums appropriated in Section 4 of this Act.

Approved, June 14, 1929.

LOUIS L. EMMERSON

Governor

FRED E. STERLING

President of the Senate

DAVID E. SHANAHAN

Speaker of the House of Representatives

(SENATE BILL NO. 114)

An Act appropriating to the University of Illinois the money granted by an Act of Congress, approved August 30, 1890, entitled, "An Act to apply a portion of the proceeds of the public lands to the more perfect endowment and support of the colleges for the benefit of agriculture and the mechanic arts, established under the provisions of an Act of Congress, approved July 2, 1862," and the money granted by an Act of Congress, approved March 4, 1907, entitled "An Act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908."

Be it enacted by the People of the State of Illinois, represented in the General Assembly:

SECTION 1. That the sum of fifty thousand dollars (\$50,000) per annum, or so much thereof as shall accrue to the State of Illinois under the provisions of an Act of Congress entitled, "An Act to apply a portion of the proceeds of the public lands to the more complete endowment and support of the colleges for the benefit of agriculture and the mechanic arts, established under the provisions of an Act of Congress, approved July 2, 1862," approved August 30, 1890, and an Act of Congress entitled, "An Act making appropriations for the Department of Agriculture for the fiscal year ending June 30, 1908," approved March 4, 1907, during the two years beginning July first, 1929, is hereby appropriated to the University of Illinois.

Whenever any portion of said sum shall be received by the State Treasurer from the United States, it shall immediately be due and payable into the treasury of the University of Illinois.

Sec. 2. Upon the order of the President of the Board of Trustees of the University of Illinois, countersigned by its secretary and with the corporate seal of said University attached thereto, the Auditor of Public Accounts is hereby authorized and directed to draw his warrants on the State Treasurer for the sums appropriated in Section 1 of this Act.

Approved, May 9, 1929.

LOUIS L. EMMERSON

Governor

FRED E. STERLING

President of the Senate

DAVID E. SHANAHAN

Speaker of the House of Representatives

(HOUSE BILL NO. 287)

An Act making an appropriation for the University of Illinois Experimental Station in Cook County.

WHEREAS, the University of Illinois is maintaining and developing an experimental station on twenty acres of land in Cook County; and

WHEREAS, the sum of twenty thousand dollars (\$20,000) is necessary to carry out proposed plans for constructing buildings and for maintaining the said experimental station; therefore

Be it enacted by the People of the State of Illinois, represented in the General Assembly:

SECTION 1. The sum of twenty thousand dollars (\$20,000), or so much thereof as may be necessary is appropriated to the University of Illinois for the biennium ending July 1, 1931, for the purpose of constructing buildings and maintaining the experimental station in Cook County.

SECTION 2. This appropriation is subject to the provisions of "An Act in relation to State finance," approved June 10, 1919, as amended.

Approved, June 10, 1929.

LOUIS L. EMMERSON

Governor

DAVID E. SHANAHAN

Speaker, House of Representatives

FRED E. STERLING

President of the Senate

This report was received for record.

CLINICAL FACULTY OF THE COLLEGE OF MEDICINE

(39) The Dean of the College of Medicine recommends the following annual appointments of the non-salaried clinical faculty for the year 1929-30, subject to corrections. I recommend approval.

Department of Medicine

Internal Medicine

MAURICE LEWISON, M.D., *Professor of Physical Diagnosis* (Indef.)

SIDNEY STRAUSS, A.B., M.D., *Professor of Clinical Medicine* (Indef.)

FRANK CHAUVET, M.D., *Associate Professor of Clinical Medicine* (Indef.)

ERNEST SISSON MOORE, Ph.B., M.D., *Associate Professor of Medicine* (Indef.)

- JACOB MEYER, M.S., M.D., *Associate Professor of Medicine* (3 yrs. from Sept. 1, 1929)
 ISADORE PILOT, M.D., *Associate Professor of Medicine* (3 yrs. from Sept. 1, 1929)
 FRANKLIN S. WILSON, Ph.G., M.D., *Assistant Professor of Medicine* (3 yrs. from Sept. 1, 1927)
 SAMUEL PERLSTEIN, M.D., *Assistant Professor of Medicine* (2 yrs. from Sept. 1, 1929)
 ELLIS B. FREILICH, M.D., *Assistant Professor of Medicine* (2 yrs. from Sept. 1, 1929)
 HERMAN PETRUS GUNNAR, B.S., M.D., *Assistant Professor of Medicine* (2 yrs. from Sept. 1, 1929)
 FRANK MAX WITTELLE, B.S., M.D., *Associate in Medicine* (1 yr.)
 I. A. RABENS, M.S., M.D., *Associate in Medicine* (1 yr.)
 MOSES GOLDWASSER, M.D., *Instructor in Medicine* (1 yr.)
 SEYMOUR J. COHEN, M.S., M.D., *Instructor in Medicine* (1 yr.)
 JACOB M. MORA, B.S., M.D., *Instructor in Medicine* (1 yr.)
 MILTON H. KRONENBERG, B.S., M.D., *Instructor in Medicine* (1 yr.)
 RICHARD A. LIFVENDAHL, B.S., M.D., *Instructor in Medicine* (1 yr.)
 DIETRICH KLEMPFNER, M.D., *Instructor in Medicine* (1 yr.)
 OSCAR RICHTER, B.S., M.D., *Instructor in Medicine* (1 yr.)
 HAROLD H. ROSENBLUM, B.S., M.D., *Instructor in Medicine* (1 yr.)
 WILLIAM CLARENCE DOEPP, M.S., M.D., *Instructor in Medicine* (1 yr.)
 LOUIS FELDMAN, B.S., M.D., *Instructor in Medicine* (1 yr.)
 A. J. WEINBERG, B.S., M.D., *Instructor in Medicine* (1 yr.)
 JACOB FISCHER, B.S., M.D., *Instructor in Medicine* (1 yr.)
 WALTER W. DALITSCH, B.S., M.D., *Instructor in Medicine* (1 yr.)
 LOUIS BERNARD KARTOON, M.D., *Instructor in Internal Medicine* (1 yr.)
 MAX E. FISCH, M.S., M.D., *Assistant in Medicine* (1 yr.)
 MAX T. BOLOTIN, B.S., M.D., *Assistant in Medicine* (1 yr.)
 SAUL S. SOLOWAY, B.S., M.D., *Assistant in Medicine* (1 yr.)
 ISRAEL BECKER, M.D., *Assistant in Medicine* (1 yr.)
 HYMEN W. GOLUB, B.S., M.D., *Assistant in Medicine* (1 yr.)
 SIDNEY W. RAYMOND, B.S., M.D., *Assistant in Medicine* (1 yr.)
 EUGENE GROSZ, M.D., *Assistant in Medicine* (1 yr.)
 SAMUEL SEINFELD, M.D., *Assistant in Medicine* (1 yr.)
 A. G. MARSHALL, B.S., M.D., *Assistant in Medicine* (1 yr.)
 JULIUS A. GURVEY, B.S., M.D., *Assistant in Medicine* (1 yr.)

History of Medicine

BERNARD JOHN CIGRAND, M.S., D.D.S., *Lecturer* (1 yr.)

Pediatrics

- JULIUS H. HESS, M.D., *Professor of Pediatrics* (Indef.)
 HENRY EUGENE IRISH, M.D., *Associate Professor of Pediatrics* (Indef.)
 MAURICE LAMM BLATT, M.D., *Associate Professor of Pediatrics* (Indef.)
 LESTER EDWARD BOWER, A.B., M.D., *Assistant Professor of Pediatrics* (3 yrs. from Sept. 1, 1927)
 JOSEPH K. CALVIN, B.S., M.D., *Assistant Professor of Pediatrics* (2 yrs. from Sept. 1, 1929)
 MAXWELL P. BOROVSKY, B.S., M.D., *Assistant Professor of Pediatrics* (2 yrs. from Sept. 1, 1929)
 JOSEPH GREENGARD, B.S., M.D., *Associate in Pediatrics* (2 yrs. from Sept. 1, 1928)
 PHILIP ROSENBLUM, M.D., *Assistant Professor of Pediatrics* (2 yrs. from Sept. 1, 1929)
 SOLOMON MAXWELL GOLDBERGER, M.D., *Associate in Pediatrics* (1 yr.)
 ISADOR MICHAEL LEVIN, B.S., M.D., *Associate in Pediatrics* (1 yr.)
 IRIS MCKY CHAMBERLAIN, M.D., *Associate in Pediatrics* (1 yr.)
 ROBERT L. FURBY, M.D., *Instructor in Pediatrics* (1 yr.)
 CARL COHEN, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 MAX E. ENGERMAN, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 JAMES J. LEACH, M.D., *Instructor in Pediatrics* (1 yr.)
 THOMAS P. SALTIEL, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 BENJAMIN M. LEVIN, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 NORBERT PAUKER, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 BENJAMIN M. GASUL, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 LOUIS J. HALPERN, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 HYMAN N. BROWN, B.S., M.D., *Assistant in Pediatrics* (1 yr.)
 CLARA D. TIGAY, A.B., M.D., *Assistant in Pediatrics* (1 yr.)
 LEONARD MARKIN, M.D., *Assistant in Pediatrics* (1 yr.)

I. PAT BRONSTEIN, B.S., M.D., *Assistant in Pediatrics* (1 yr.)
 CLOYD L. PUGH, B.S., M.D., *Assistant in Pediatrics* (1 yr.)

Neurology and Psychiatry

HAROLD DOUGLAS SINGER, M.B., M.D., *Professor of Psychiatry* (Indef.)
 GEORGE BORIS HASSIN, M.D., *Professor of Neurology* (Indef.)
 HAIM I. DAVIS, M.D., *Professor of Clinical Psychiatry* (Indef.)
 ABRAHAM A. LOW, M.D., *Instructor in Neurology* (1 yr.)
 ALFRED P. SOLOMON, A.B., M.D., *Assistant in Neurology* (1 yr.)
 JACOB PASKIND, M.D., *Assistant in Neurology* (1 yr.)

Department of Surgery

General Surgery

CHARLES EDWARD HUMISTON, M.D., D.Sc., *Professor of Clinical Surgery* (Indef.)
 NELSON MORTIMER PERCY, M.D., *Professor of Clinical Surgery* (Indef.)
 FREDERICK GEORGE DYAS, M.D., *Professor of Clinical Surgery* (Indef.)
 LOUIS SCHULTZ, D.D.S., M.D., *Professor of Oral Surgery and Attending Oral Surgeon to the Research and Educational Hospital* (1 yr.)
 GEORGE DE TARNOWSKY, M.D., *Associate Professor of Surgery* (3 yrs. from Sept. 1, 1927)
 GEORGE LUTHER DAVENPORT, M.D., *Assistant Professor of Clinical Surgery* (3 yrs. from Sept. 1, 1928)
 AUGUSTUS G. ZIMMERMAN, LL.B., M.D., *Assistant Professor of Clinical Surgery* (1 yr.)
 SELIM WALKER MCARTHUR, Ph.B., M.D., *Assistant Professor of Surgery* (1 yr.)
 ARTHUR R. METZ, A.B., M.D., *Assistant Professor of Operative Surgery* (2 yrs. from Sept. 1, 1928)
 HAROLD E. JONES, M.D., *Assistant Professor of Surgery* (1 yr.)
 FRANK J. JIRKA, M.D., *Assistant Professor of Surgery* (1 yr.)
 DENNIS R. W. CRILE, B.S., M.D., *Associate in Surgery* (1 yr.)
 ARCHIE JAMES GRAHAM, B.S., M.D., *Instructor in Operative Surgery* (1 yr.)
 HENRY O. WERNICKE, A.B., M.D., *Instructor in Operative Surgery* (1 yr.)
 RALPH AUGUST KORDENAT, M.S., M.D., *Instructor in Clinical Surgery* (1 yr.)
 HENRY REX AMBERSON, B.S., M.D., *Instructor in Surgery* (1 yr.)
 JACOB M. MORA, B.S., M.D., *Instructor in Surgery* (1 yr.)
 MINAS JOANNIDES, M.D., *Instructor in Surgery* (1 yr.)
 HAROLD IRVING MEYER, M.D., *Instructor in Surgery* (1 yr.)
 RUDOLPH J. E. ODEN, A.B., M.D., *Instructor in Surgery* (1 yr.)
 DAVID A. WILLIS, B.S., M.D., *Instructor in Surgery* (1 yr.)
 BENJAMIN BRAUDE, M.S., M.D., *Assistant in Operative Surgery* (1 yr.)
 MILTON H. KRONENBERG, B.S., M.D., *Instructor in Surgery* (1 yr.)
 MORRIS L. PARKER, B.S., M.D., *Assistant in Surgery* (1 yr.)
 OSCAR S. LEVIN, B.S., M.D., *Instructor in Surgery* (1 yr.)
 GUSTAV L. ZECHEL, M.D., *Instructor in Surgery* (1 yr.)
 EMIL J. STEIN, M.D., *Instructor in Surgery* (1 yr.)
 A. G. MARSHALL, B.S., M.D., *Assistant in Surgery* (1 yr.)

Genito-Urinary Surgery

CHARLES MORGAN MCKENNA, B.S., M.D., *Professor of Genito-Urinary Surgery* (Indef.)
 RUSSELL DORR HERROLD, B.S., M.D., *Assistant Professor of Genito-Urinary Surgery* (1 yr.)
 VINCENT JOHN O'CONNOR, B.S., M.D., *Assistant Professor of Genito-Urinary Surgery* (1 yr.)
 EDWIN WALTER HIRSCH, B.S., M.D., *Associate in Genito-Urinary Surgery* (1 yr.)
 JOSEPH W. PLATIN, M.D., *Instructor in Genito-Urinary Surgery* (1 yr.)

Orthopedic Surgery

HENRY BASCOM THOMAS, B.S., M.D., *Professor of Orthopedic Surgery* (Indef.)
 MARCUS HATFIELD HOBART, A.B., M.D., *Assistant Professor of Orthopedic Surgery* (1 yr.)
 FRANK GEORGE MURPHY, B.S., M.D., *Associate in Orthopedic Surgery* (1 yr.)
 EMIL DANIEL W. HAUSER, B.S., B.M., M.D., *Associate in Orthopedic Surgery* (1 yr.)
 WALTER RATHFON FISCHER, B.S., M.D., *Instructor in Orthopedic Surgery* (1 yr.)
 WILLIAM MARSHALL, B.S., M.D., *Instructor in Orthopedic Surgery* (1 yr.)

Department of Obstetrics and Gynecology

- WALTER CHARLES HAMMOND, M.D., *Assistant Professor of Obstetrics* (1 yr.)
 JULIUS ERNEST LACKNER, B.S., M.D., *Assistant Professor of Obstetrics* (1 yr.)
 CHARLES NEWBERGER, B.S., M.D., *Associate in Obstetrics* (1 yr.)
 JAMES EDWARD FITZGERALD, B.S., M.D., *Instructor in Obstetrics* (1 yr.)
 WADE L. MARTIN, M.D., *Instructor in Obstetrics* (1 yr.)
 CARL A. BACON, B.S., M.D., *Instructor in Obstetrics* (1 yr.)
 MARY R. MCGUIRE, M.D., *Instructor in Obstetrics* (1 yr.)
 HARRY O. MARYAN, B.S., M.D., *Instructor in Obstetrics* (1 yr.)
 JAMES T. GROOT, B.S., M.D., *Instructor in Obstetrics* (1 yr.)
 JAMES H. SKILES, A.B., M.D., *Instructor in Obstetrics* (1 yr.)
 JOHN A. C. BUSBY, B.S., M.S., M.D., *Instructor in Obstetrics* (1 yr.)
 MAT BLOOMFIELD, B.S., M.D., *Instructor in Obstetrics* (1 yr.)
 ALLAN E. STAMLER, B.S., M.D., *Assistant in Obstetrics* (1 yr.)
 EGAN WALTER FISCHMANN, M.D., *Associate Professor of Gynecology* (1 yr.)
 JOHN MICHAEL LANG, M.D., *Assistant Professor of Gynecology* (1 yr.)
 FRANK LEE STONE, M.D., *Assistant Professor of Gynecology* (1 yr.)
 LEO ANTHONY JUHNKE, M.D., *Associate in Gynecology* (1 yr.)
 GOLDYE HOFFMAN, M.D., *Associate in Gynecology* (1 yr.)

Department of Dermatology

- LEONARD F. WEBER, M.D., *Associate in Dermatology* (1 yr.)
 HENRY R. KRASNOW, M.D., *Assistant in Dermatology* (1 yr.)
 HERBERT RATTNER, M.D., *Assistant in Dermatology* (1 yr.)
 C. E. STECKBAUER, *Assistant in Dermatology* (1 yr.)

Department of Laryngology, Rhinology, and Otology

- NORVAL H. PIERCE, M.D., *Professor of Laryngology, Rhinology, and Otology and Head of the Department* (Indef.)
 JOSEPH CLAR BECK, M.D., *Associate Professor of Laryngology, Rhinology, and Otology* (Indef.)
 JACQUES HOLINGER, M.D., *Assistant Professor of Laryngology, Rhinology, and Otology* (1 yr.)
 WALTER HENRY THEOBALD, B.S., M.D., *Associate in Laryngology, Rhinology, and Otology* (1 yr.)
 GEORGE SHAYNIN LIVINGSTON, M.S., M.D., *Associate in Laryngology, Rhinology, and Otology* (1 yr.)
 JOHN JOSEPH THEOBALD, B.S., M.D., *Associate in Laryngology, Rhinology, and Otology* (1 yr.)
 ERNEST A. BREDLAU, M.D., *Instructor in Laryngology, Rhinology, and Otology* (1 yr.)
 ARTHUR J. COOMBS, A.B., M.D., *Assistant in Laryngology, Rhinology, and Otology* (1 yr.)
 NATHAN SCHNECK, A.B., A.M., M.D., *Assistant in Laryngology, Rhinology, and Otology* (1 yr.)
 IRWIN G. SPIESMAN, B.S., M.D., *Assistant in Laryngology, Rhinology, and Otology* (1 yr.)
 JOHN W. HARNED, B.S., M.D., *Assistant in Laryngology, Rhinology, and Otology* (1 yr.)
 FRANK T. COOTE, M.D., *Assistant in Laryngology, Rhinology, and Otology* (1 yr.)
 SHERMAN L. SHAPIRO, B.S., M.D., *Assistant in Laryngology, Rhinology, and Otology* (1 yr.)
 OLIVER E. VAN ALYEA, M.D., *Assistant in Laryngology, Rhinology, and Otology* (1 yr.)
 MELVIN REESE GUTTMAN, B.S., M.D., *Assistant in Laryngology, Rhinology, and Otology* (1 yr.)
 LEON S. SHALLA, B.S., M.D., *Assistant in Laryngology, Rhinology, and Otology* (1 yr.)

Department of Social Hygiene, Criminology, and Medical Jurisprudence

- HERMAN MORRIS ADLER, A.M., M.D., *Professor of Criminology and Head of the Department of Social Hygiene, Criminology, and Medical Jurisprudence* (1 yr.)
 RACHELLE S. YARROS, M.D., *Professor of Social Hygiene* (1 yr.)

MATTHEW MILLS, A.B., LL.B., *Lecturer in Medical Jurisprudence* (1 yr.)
 PAUL L. SCHROEDER, B.S., M.D., *Instructor in Criminology* (1 yr.)
 GEORGE J. MOHR, B.S., M.D., *Instructor in Criminology* (1 yr.)

Department of Ophthalmology

SAMUEL I. KAUFMAN, M.D., *Instructor in Ophthalmology* (1 yr.)

On motion of Dr. Noble, these appointments were made.

SALARY OF MR. C. E. JANVRIN, NATURAL HISTORY LIBRARIAN

(40) By action of the Board when the Natural History Library was accepted from the Natural History Survey, it was agreed that Mr. C. E. Janvrin, Librarian, should be paid his full salary by the University after an adjustment had been made between the University and the Natural History Survey. Our salary payments for the year for appointments like this run to August 31; those on the Survey to June 30.

On account of this discrepancy, on recommendation of Director P. L. Windsor of the Library, I request an appropriation of \$200 from the Reserve and Contingent Fund to pay the balance of Mr. Janvrin's salary for the months of July and August.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Trees.

LEAVE OF ABSENCE FOR MR. LLOYD MOREY

(41) Mr. Lloyd Morey, Comptroller, requests leave of absence from the University for the purpose of travel and study in this country and abroad for five months from September 1, 1929, to January 31, 1930.

On motion of Dr. Noble, this leave was granted. The matter of making the arrangements necessitated by the absence of the Comptroller was referred to the President of the University.

DEGREES IN MEDICINE

The Secretary presented for record a list of graduates of the College of Medicine, on whom the degree of M.D. had been conferred according to rule, from October 1, 1928, to July 1, 1929.

	<i>Conferred October 3, 1928</i>
FRANCIS WILLIAM LOGAN	LEE ROY McDANIEL
	<i>Conferred October 13, 1928</i>
JOHN KELLY MOEUR	
	<i>Conferred November 1, 1928</i>
RALPH OTIS PETERSON, B.S.	
	<i>Conferred December 1, 1928</i>
HAROLD D CLAYBERG, A.B., M.S., Ph.D.	
	<i>Conferred December 31, 1928</i>
SERGIVS FELIX ARQUIN, B.S.	HERBERT THOMAS NASH
EDWARD ALBERT GRABARSKI, B.S.	LOUIS PARMACEK, B.S.
CORNELIUS EDWARD HEALY	FREDERIC BURNHAM WESTERN, B.S.
HAROLD WILLIAM KISHPAUGH, B.S.	
	<i>Conferred January 31, 1929</i>
GEORGE MILLES, Ph.G., B.S.	NICHOLAS ERNEST SODARO
	<i>Conferred February 14, 1929</i>
JOHN RICHARDSON ALEXANDER	
	<i>Conferred April 1, 1929</i>
PAUL FREDERICK KIONKA	

Conferred June 10, 1929

PAUL ANDREW KOESTNER

Conferred June 15, 1929

FRED COOPER

JOSEPH HYNEK JUST, B.S.

FRANK GLASSMAN

BARTON JEROME POWELL, JR., B.S.

EARNEST EUGENE JONES, B.S.

MILO EDWARD VACIN

Conferred June 17, 1929

WENDEL FRANCIS HOLMES, B.S.

Conferred June 18, 1929

AMADEL FERRUCCIO GREGOLINE, B.S.

Conferred June 29, 1929

TOM GEORGE HAYS

Conferred July 1, 1929

ABE LOUIS AARONSON, B.S.

HOWARD JACK LEVINE, B.S.

WRIGHT ROWE ADAMS, B.S.

MAHLON DANIEL MCPHERSON, A.B.

KENNING MEREDITH ANDERSON, B.S.

FRANK JOHN MANISCALCO, B.S.

JACOB MORRIS ARONSON, B.S.

CECIL LAWRENCE MARTIN

WILLIAM ODUS BALDRIDGE

LAVILLE HENDRICKS MERRILL, A.B.

ANTHONY MARTIN BARONE

HERSHEL MEYER, B.S.

WILLIAM JAMES BLACKARD, JR.

OSCAR JAMES MICHAEL

JOHN RICHARD BOYD, B.S.

HAROLD MONTGOMERY MORTIMER, B.S.

ARTHUR RUSSEL BRANDENBERGER, B.S.

WILLIAM HOWARD NEWTON, B.S.

BENJAMIN DAVIS BRAUNSTEIN, B.S.

LESTER CLEO OLIN, A.B.

OLGA GOWSEEVNA BROLNITSKY

EMANUEL PADNOS, B.S.

CLYDE M BROOKS

NELL TREVA PATTENGALE, B.S.

ALLEN MAXWELL BRUNER, B.S.

BEN PEARLMAN, B.S.

HYMAN JACK BURSTEIN, B.S.

DWIGHT PENCE, B.S.

PAUL VINCENT CARELLI, JR., B.S.

KENNETH NORMAN PETRI, B.S.

JAMES PATRICK CARMODY, B.S.

JULIUS PROHOVNIK, B.S.

MOREY CHAPMAN, B.S.

CLOYD LONG PUGH, B.S.

FRED DANZIGER, B.S.

GLENN RAYMOND RAY, B.S.

GEORGE EDWARD DETRANA, B.S.

WALTER JACOB REICH, B.S.

ROWLAND MAGNUS EKSTRAND, B.S.

MARTIN ABRAHAM REICHMAN

WALTER RAYMOND FALLON, B.S.

JACOB EDGAR REISCH, B.S.

BURTON ALBERT FINNE, B.S.

LOUIS ALLAN RICHBURG, B.S.

JOSEPH RICHARD FRANCO

CYRIL BROWN RITCHIE, B.S.

FRED GILBERT, B.S.

JOHN BARTHOLOMEW RUGGIERO, B.S.

JACK GREENWALD, B.S.

GEORGE SCHATZ, B.S.

LILBURN SILVAS GREENWOOD, B.S.

WILLIAM HENRY SCHOWENGERDT, B.S.

JULIUS A. GURVEY, B.S.

CARLO SALVADORE SCUDERI, B.S.

HAROLD FREDERICK HANSEN

GALEN KRAUTH SELLERS, B.S.

FREDERICK E HASKINS, B.S.

DANIEL ANDERSON SIMMONS, B.S.

IDA HEISSIG, B.S.

ARCH E SPELMAN, B.S.

HAROLD HERRIN HILL, B.S.

HARRY HART STEPHENS, B.S.

JOHN GEORGE HILLEBRAND, B.S.

LELAND MANFORD THOMAS STILWELL,

EDMUND HERMAN HOLTEN

A.B., B.S.

FRANK DOUGLAS JACOBS, JR., B.S.

MILTON JOSEPH SUMMERVILLE, A.B.

ELMER THEODORE JOHNSON, B.S.

HENNING MELVILLE SWENSON, B.S.

EDWARD FRANCIS JOSS, B.S.

JAMES STEWART WALSH, A.B.

JOSEPH KANTER, B.S.

EDGAR WILKIN WEIR

MEYER JACOB KEREN, Ph.G.

JAMES WALKER WETZEL

BENJAMIN HERMAN KESERT, B.S.

LYLE JOSEPH WILLIS, B.S.

FRANK MILTON KILGARD, B.S.

ONA VERNE WILSON, A.B.

JOHN ADOLPH LARSON, B.S.

SAMUEL DAVID ZUKER, B.S.

HERMAN G LEVIN, B.S.

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Bloomfield, Mat, Instructor in Obstetrics and Gynecology, in the College of Medicine, for two months beginning July 1, 1929, without salary. (June 24, 1929)¹

Brandenberger, A. R., Resident in Medicine, in the Department of Internal Medicine, in the College of Medicine, for one year beginning July 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 30, 1929)

Brandenburg, Kenneth Charles, Resident in Ophthalmology, in the College of Medicine, beginning July 1, 1929, and continuing until June 30, 1930, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 24, 1929)

Dale, Maurice Louis, Instructor in Pediatrics, in the College of Medicine, for five months beginning July 1, 1929, at a cash compensation at the rate of two hundred dollars (\$200) a month. (June 30, 1929)

Gillesby, William J., Assistant in Medicine, in the College of Medicine, on one-half time, beginning June 15, 1929, and continuing until September 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 24, 1929)

Jensen, Vernon Peter, Special Research Assistant in Theoretical and Applied Mechanics, in the Engineering Experiment Station, in the College of Engineering, beginning July 1, 1929, and continuing until further notice, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (June 27, 1929)

Kaplan, Morris A., Assistant in Physiological Chemistry, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, for three months beginning June 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (May 29, 1929)

Klein, Reuben I., Research Assistant in Pediatrics, in the College of Medicine, on one-half time, for four months beginning July 1, 1929, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (June 30, 1929)

Kobak, Alfred Julian, Assistant in Obstetrics and Gynecology, in the College of Medicine, on one-half time, for three months beginning June 1, 1929, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (June 24, 1929)

Kronenberg, Milton H., Instructor in Surgery, in the College of Medicine, beginning June 18, 1929, and continuing until September 1, 1929, without salary. (June 24, 1929)

Lambert, Claude N., Second Junior Resident in the Department of Surgery, in the College of Medicine, beginning July 15, 1929, and continuing until September 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (July 3, 1929)

March, F. A., Supply Officer in the Military Department, beginning June 17, 1929, and continuing until August 31, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 15, 1929)

Marshall, Alexander George, Assistant in Surgery, in the College of Medicine, beginning June 10, 1929, and continuing until September 1, 1929, without salary. (June 24, 1929)

Morris, Lloyd P., Special Research Assistant in Electrical Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning July 1, 1929, and continuing until further notice, at a cash compensation at the rate of one hundred sixty-six dollars sixty cents (\$166.60) a month. (June 30, 1929)

Mullen, Timothy Francis, Instructor in Orthopedic Surgery, in the College of Medicine, beginning June 27, 1929, and continuing until September 1, 1929, without salary. (July 3, 1929)

Palmer, Mahlon Phelps, Resident in Otolaryngology, in the College of Medicine, for one year beginning July 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 24, 1929)

Pugh, Cloyd L., Assistant in Pediatrics, in the College of Medicine, for two months beginning July 1, 1929, without salary. (June 24, 1929)

Rosaen, Arnold Whitney, Library Assistant in Chemistry, beginning June 15, 1929, and continuing until August 31, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred forty-one dollars sixty-six cents (\$141.66) a month. (June 24, 1929)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Ross, Hector Morrison, Instructor in Orthopedic Surgery, in the College of Medicine, beginning June 21, 1929, and continuing until September 1, 1929, without salary. (July 3, 1929)

Stamler, Allan E., Assistant in Obstetrics and Gynecology, in the College of Medicine, for two months beginning July 1, 1929, without salary. (June 24, 1929)

Stanley, W. M., Special Research Assistant in Chemistry, for ten months beginning, July 1, 1929, at a cash compensation at the rate of two hundred seventy-five dollars (\$275) a month. (June 14, 1929)

Storchheim, Frederic, Resident Physician in Neurology and Medicine, in the Department of Internal Medicine, in the College of Medicine, for one year beginning July 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (June 24, 1929)

Summerville, Milton Joseph, Assistant and Resident in Obstetrics and Gynecology, in the College of Medicine, for one year beginning July 1, 1929, at a cash compensation of one thousand dollars (\$1000). (June 24, 1929)

Willard, John, Technician in the Department of Pharmacology, in the College of Medicine, for three months beginning June 1, 1929, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (June 14, 1929)

The Board adjourned, to meet in September at the call of the President.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

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MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

September 18, 1929



The September meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9:30 a.m. on Wednesday, September 18, 1929.

When the Board convened, the following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of July 17, 1929.

On motion of Dr. Noble, the minutes were approved as printed on pages 259 to 349 above.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

LEAVE OF ABSENCE FOR PROFESSOR H. M. WESTERGAARD

(1) A request from Dr. H. M. Westergaard, Professor of Theoretical and Applied Mechanics, approved by the Head of the Department, Professor Enger, and the Assistant Dean of the College, for leave of absence without pay during the academic year 1929-30 to accept a position as technical expert in the Department of the Interior.

I submit this without recommendation.

On motion of Mr. Barr, this leave was granted. It was voted that the Board looks with disapproval on requests from members of the staff for leave of absence so near the time for beginning work.

LEAVE OF ABSENCE FOR MISS M. A. SOUDER

(2) A recommendation from Dean Mumford that Miss M. A. Souder, Associate in Home Management Extension, be given a leave of absence for the month of September without pay on account of illness.

I authorized this leave on the terms suggested. Since Miss Souder is doing extension work her absence does not interfere with regular University work. I request confirmation of my action.

On motion of Mrs. Grigsby, this action was confirmed.

LEAVE OF ABSENCE FOR MISS HELEN E. MCCULLOUGH

(3) Owing to illness, Miss Helen E. McCullough, Associate in the Department of Home Economics, is not able to resume her duties at present. The Acting Head of the Department requests, with Dean Mumford's approval, that Miss McCullough be given a leave of absence on pay until October 1, pending developments.

On motion of Mrs. Busey, this leave was granted.

At this point, Mr. Blair took his place with the Board.

APPOINTMENT OF DR. ARTHUR RANDOLPH KELLY

(4) A recommendation of Professor E. T. Hiller, of the Department of Sociology, approved by the Dean of the College, that Arthur Randolph Kelly of 28 Chatham Street, Cambridge, Massachusetts, be appointed Assistant Professor of Anthropology in the Department of Sociology, for two years, at a yearly rate of \$3500, the appointment to be effective when he reports for duty.

On motion of Mrs. Evans, the President of the University was authorized to make this appointment.

APPOINTMENT OF MR. RAY R. HAMM AS DIRECTOR OF THE PHOTOGRAPHIC AND BLUE-PRINTING LABORATORIES

(5) On recommendation of the Superintendent of Business Operations and the Comptroller I appointed Mr. Ray R. Hamm of Champaign as Director of the Photographic and Blue-Printing Laboratories, beginning August 1, 1929, and continuing until August 31, 1930, at a salary of \$208.33 per month, to be paid out of the receipts of the Laboratories.

I request confirmation of my action.

On motion of Mr. Trees, this action was confirmed.

RESIGNATION OF PROFESSOR J. D. FITZ-GERALD

(6) Professor J. D. Fitz-Gerald of the Department of Romance Languages submitted his resignation, effective September 1, 1929, in order to accept a position at the University of Arizona. I accepted the resignation.

This report was received for record.

EMERITUS PROFESSORSHIPS FOR DOCTORS JOSEPH M. PATTON AND WILLIAM M. HARSHA

(7) Dean Davis and Professor Williamson, Head of the Department of Medicine, recommend that Dr. Joseph McIntyre Patton, who served as Assistant in Medicine

from 1883-90, and as Professor of Physical Diagnosis, Associate Professor of Medicine and Professor of Clinical Medicine from 1899 to date (without salary), be retired effective September 1, 1929, with the rank of Professor of Clinical Medicine *Emeritus*.

Dean Davis also recommends that Dr. William McIntyre Harsha, who served as Professor of Surgery (without salary) from 1891 to 1925, when he retired from the faculty, be given the rank of Professor of Surgery *Emeritus*, effective September 1, 1925.

I concur in these recommendations.

On motion of Dr. Noble, these recommendations were adopted.

ADJUSTMENTS IN THE BUDGET

(8) Recommendations of adjustments in the salary budget, as of September 1, 1929:

1. That the salary of Professor L. C. Dillenback, Professor of Architectural Design, be made \$6,000 instead of \$5,000.

On motion of Mrs. Grigsby, this increase was authorized.

2. That the salary of Professor W. C. Huntington, Head of the Department of Civil Engineering, be made \$7,000 instead of \$6,500.

On motion of Mr. Barr, this recommendation was adopted.

3. That Assistant Professor Arthur Hamilton be made Associate Professor of Romance Languages, on indefinite tenure, at a salary of \$3,500 a year.

On motion of Mrs. Busey, this recommendation was adopted.

4. That the salary of Assistant Professor R. R. Barlow of the School of Journalism be made \$3,500 instead of \$3,000.

5. That the salary of Mr. L. F. Rickey, Associate in the Department of Agronomy, be increased from \$3,600 to \$3,800.

On motion of Mrs. Evans, these recommendations were adopted.

6. Dean Davis reports that Dr. S. A. Levinson, Director of the Hospital Laboratory and Assistant Professor of Pathology, who was recommended by the Dean for appointment on three-fourths time at \$2700, is disinclined to accept the position for less than \$3000. This is on a full time \$4000 basis and seems to me not unreasonable. The Dean recommends that the \$3000 salary be granted.

This increase was approved.

7. At the July meeting of the Board I reported that Professor A. B. Coble had been offered \$10,000 by a sister institution. I pointed out the desirability of meeting that offer and was informally instructed by the members present to say to Professor Coble that the salary offer would be met. I so informed him and he agreed to stay with us. I ask formal approval of this action.

I may add that this salary as a maximum is becoming more usual in the better class of institution. If we are to keep our best men we shall, it seems to me, be obliged to make this our maximum salary, bearing in mind, of course, that only a very few can expect to get it. In some departments other universities are paying as high as \$12,000. I do not myself think it necessary for us to go beyond the smaller figure as our maximum, certainly for a good while to come. However, \$10,000 is becoming so usual that it will be impossible for us to avoid paying this unless we are willing to acknowledge that we cannot compete for the few really first-class men in certain departments.

In this connection I recall to your attention the Legislative Resolution, passed by the General Assembly in 1909, on the matter of University salaries: "It is the sense of this General Assembly that the Board of Trustees of the University of Illinois should adopt such a policy as will in their judgment attract to, and retain in, the service of the university and the State, the best available ability of this and other countries."

On motion of Dr. Noble, the salary of Professor Coble was fixed at \$10,000 a year, beginning September 1, 1929.

On motion of Mr. Trees, the President of the Board was requested to appoint a special committee of three members (including the Presi-

dent of the Board) to investigate budget matters in conference with the President of the University, and to report to the Board.

President Armstrong appointed Mr. Trees and Mr. Barr to serve with him on this committee.

CONTRACTS FOR AGRONOMY SEED HOUSE

(9) A recommendation from the Supervising Architect for award of contracts for the general work, heating and plumbing, and wiring on the Agronomy Seed House:

September 17, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I am sending you a schedule of the bids received last Saturday on the Agronomy Seed House and recommend that contracts be awarded to the low bidders, as follows:

For the General Work, to A. W. Stoolman of Champaign, at his bid of.....	\$38 239 00
For the Heating and Plumbing, to Johnson Bros. of Champaign, at their combined bid of.....	6 243 00
For the Wiring, to the Dexter Electric Shop of Champaign, at their bid of.....	695 00

Yours very truly,

JAMES M. WHITE
Supervising Architect

GENERAL WORK

<i>Bidders</i>	<i>Bids</i>
1. A. W. Stoolman, Champaign.....	\$38 239 00
2. Sowers & Corkery, Champaign.....	40 590 00
3. English Bros., Champaign.....	42 967 00
4. J. H. Hunzinger & Co., Davenport, Ia.....	43 793 00
5. Wm. C. F. Kuhne, Rantoul.....	44 527 00
6. King & Petry, Champaign.....	45 764 00
7. Murch Bros. Construction Co., St. Louis.....	46 547 00
8. Burrell Eng. & Constr. Co., Chicago.....	68 952 00

PLUMBING AND HEATING

<i>Bidders</i>	<i>Plumbing</i>	<i>Heating</i>	<i>Heating and Plumbing</i>
1. Johnson Bros., Champaign.....			\$6 243 00
2. The Carson-Payson Co., Danville....			6 396 00
3. Champaign Plumbing & Heating Co., Champaign.....			7 926 00
4. Reliable Plumbing & Heating Co., Champaign.....	\$4 183 00	\$4 173 00	8 183 00
5. O. L. Kern & Co., Urbana.....		4 302 34	

WIRING

<i>Bidders</i>	<i>Bids</i>
1. Dexter Electric Shop, Champaign.....	\$ 695 00
2. Hughes-Krabbe Co., Champaign.....	929 00
3. F. E. Newbery Electric Co., St. Louis.....	1 015 00
4. Folks Electric Shop, Champaign.....	1 044 00
5. Marrs-Tanner Electric Co., Danville.....	1 450 00

On motion of Mr. Trees, the contracts for the Agronomy Seed House were awarded to the lowest bidders as recommended.

CONTRACTS FOR UNIVERSITY HIGH SCHOOL GYMNASIUM

(10) A recommendation from Professor James M. White, Supervising Architect, concerning the award of contracts for the general work, plumbing, heating, and wiring on the University High School Gymnasium:

September 16, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

With Mrs. Busey and Mrs. Evans present, we opened bids Saturday, September 14, for the General Work, Plumbing, Heating, and Wiring on the University High School Gymnasium and the Agronomy Seed House. I am enclosing a schedule of the bids received on the High School Gymnasium and make the following recommendations:

That the contract for the General Work be awarded to G. A. Applegate of Champaign, the low bidder, at his bid of \$19,085.00.

That Carson-Payson Company of Danville be awarded the contract for the Heating and Plumbing on their combined bid of \$2,700.00, which is low.

That the Dexter Electric Company of Champaign, the low bidder on the Wiring, be awarded this contract on their bid of \$388.00.

Recommendations with reference to the Agronomy Seed House will be made to you later.

Yours very truly,

JAMES M. WHITE
Supervising Architect

GENERAL WORK

<i>Bidders</i>	<i>Bids</i>
1. G. A. Applegate, Champaign.....	\$19 085 00
2. A. W. Stoolman, Champaign.....	19 987 00
3. J. H. Hunzinger & Co., Davenport, Ia.....	21 336 00
4. Sowers & Corkery, Urbana.....	21 640 00
5. English Bros., Champaign.....	21 989 00
6. King & Petry, Champaign.....	23 643 00
7. Murch Bros. Construction Co., St. Louis.....	24 351 00
8. Wm. C. F. Kuhne, Rantoul.....	24 744 00

PLUMBING AND HEATING

<i>Bidders</i>	<i>Plumbing</i>	<i>Heating</i>	<i>Heating and Plumbing</i>
The Carson-Payson Co.....	\$ 699 00	\$2 100 00	\$2 700 00
Johnson Bros.....			2 780 00
Champaign Plumbing & Heating Co....			3 112 00
Reliable Plumbing & Heating Co.....	899 00	2 285 00	3 130 00
O. L. Kern & Co.....	1 039 65	2 095 59	3 135 24

WIRING

<i>Bidders</i>	<i>Bids</i>
1. Dexter Electric Co.....	\$388 00
2. F. E. Newbery Electric Co.....	420 00
3. Hughes-Krabbe Co.....	458 00
4. Marrs-Tanner Electric Co.....	900 00

On motion of Mrs. Evans, the contracts for the gymnasium were awarded to the lowest bidders as recommended.

AGRICULTURAL ADVISORY COMMITTEES

(11) Recommendations of the Dean of the College of Agriculture for the appointment of Advisory Committees for the various departments of the College for the year 1929-30:

Agronomy (Farm Crops Section)

EUGENE FUNK, Bloomington
W. E. RIEGEL, Tolono
HARVEY J. SCONCE, Sidell
O. J. SOMMER, Pekin
WILLIAM WEBB, Plainfield

Agronomy (Soils Section)

N. F. GOODWIN, Palestine
FRANK S. HAYNES, Geneseo
F. I. MANN, Gilman
G. F. TULLOCK, Rockford

Animal Husbandry

J. R. FULKERSON, Jerseyville
L. E. STOUTENBERG, Flora
W. S. CORSA, Whitehall
P. B. SCOTT, Alexis
LESLIE E. MATHERS, Mason City

Dairy Husbandry

H. C. HORNEMAN, Danville
F. E. SHUSTER, Springfield
N. W. HEPBURN, Peoria
HARRY M. WOOD, Delavan
LEE M. GENTRY, Oregon

Farm Mechanics

O. W. HOIT, Geneseo
L. S. FOOTE, Tunnel Hill
C. A. EWING, Decatur
E. F. DERWENT, Durant
J. P. STOUT, Chatham

Farm Organization and Management

CHARLES FOSS, Freeport
JOHN P. HANNA, Geneseo
F. C. PARKS, Minonk
FRANK H. MCKELVEY, Springfield
CLARENCE WATSON, Macomb

Floriculture

JAMES N. COLE, Peoria
GEORGE J. BALL, Glen Ellyn
F. L. WASHBURN, Bloomington
J. W. ROSS, Centralia
J. F. AMMANN, Edwardsville

Horticulture

GUY BEAUMAN, Tunnel Hill
AUGUST GEWEKE, Des Plaines
W. S. PERRINE, Centralia
W. R. SOVERHILL, Tiskilwa
H. M. DUNLAP, Savoy

General Advisory Committee

HARVEY J. SCONCE, Farm Crops
F. I. MANN, Soils
J. R. FULKERSON, Animal Husbandry
N. W. HEPBURN, Dairy Husbandry
O. W. HOIT, Farm Mechanics
F. C. PARKS, Farm Organization and Management
W. S. PERRINE, Horticulture
J. F. AMMANN, Floriculture

On motion of Mr. Blair, these committees were appointed.

EXECUTIVE STAFF OF MCKINLEY HOSPITAL

(12) A recommendation that Doctors J. H. Beard, V. A. Ross, and Maude L. Etheredge be reappointed as the executive staff of McKinley Hospital, to serve from July 1, 1929, to July 1, 1930, in accordance with the policy adopted by the Board on April 8, 1925 (Minutes, page 196).

On motion of Dr. Noble, this recommendation was adopted.

EMPLOYMENT OF MR. CHARLES PLATT

(13) The Supervising Architect submits the following recommendation:

September 10, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

Mr. Platt is already at work on the drawings for the Women's Gymnasium, but the Board of Trustees have not formally approved the terms of his employment.

I am submitting an agreement which I recommend be approved. This is the same form which we used on the Commerce Building, and under the agreement on

that building, we paid Mr. Platt just about 2½ per cent commission on the cost of the building. I presume that the percentage would not run much more than this on the Gymnasium.

Yours truly,

JAMES M. WHITE
Supervising Architect

On motion of Dr. Noble, the employment of Mr. Platt was authorized as recommended.

APPROPRIATION FOR WRIGHT STREET AND ARMORY AVENUE LIGHTS

(14) The Supervising Architect reports that the City of Champaign will install lights on Wright Street between University and Springfield Avenues, and on Armory Avenue between First Street and the Illinois Central property line. The University's share of the assessment for this improvement will be \$1,066.78 for Wright Street, and \$504.47 for Armory Avenue.

The Supervising Architect requests that an appropriation of \$1600, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to pay the University's share of these improvements.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher, Dr. Noble, Mr. Simpson.

PURCHASE OF BONDS ON THE DENTAL BUILDING

(15) The Acting Comptroller states that he has been advised by the Stock Yards Trust and Savings Bank of Chicago that they have for disposal at 98 plus accrued interest \$1500 of the six per cent bonds on the Dental Building. He requests that in accordance with the previous policy of the Board an appropriation of \$1500, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for the purchase of these bonds at 98 plus accrued interest and that he be authorized to redeem them accordingly.

On motion of Mr. Trees, this recommendation was adopted, by the following vote: Aye, President Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

ADDITION TO LIBRARY SCHOOL STAFF

(16) A statement from Professor P. L. Windsor, Director of the Library School, that the registration will be so far in excess of that of last year in the beginning class that more help is needed and requesting authority to find an additional assistant at \$1500. I have authorized him to do this inasmuch as the matter is urgent, and ask approval.

On motion of Mrs. Evans, this action was confirmed.

DEATH BENEFIT—RUTHE E. MURPHEY

(17) The Acting Comptroller requests an appropriation of \$870 from the Reserve and Contingent Fund to pay the death benefit of Ruthe E. Murphey who was an employee in the Physical Plant and who died August 21, 1929. This is payable to her beneficiary, Mr. M. W. Murphey.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

DEATH BENEFIT—FRANCIS CRATHORNE

(18) The Acting Comptroller requests an appropriation of \$382.47 from the Reserve and Contingent Fund to pay the death benefit of Francis Crathorne who was retired September 1, 1926, and died July 21, 1929. This is payable to his beneficiary, Arthur R. Crathorne.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

ASSESSMENT AGAINST UNIVERSITY FOR PROPOSED SYSTEM OF SEWERS ON WEST SIDE OF CHICAGO

(19) A letter from Professor White stating that he has notice of assessments against the University on account of its Chicago property under date of September 9, 1929, and that the court will be asked to confirm the assessments on September 26. These assessments are on account of the proposed system of sewers on the west side of Chicago north of Harrison Street, which includes, therefore, our medical and dental properties. The assessment on account of the medical site is \$1370.25, on account of the dental, \$725, and on account of the pharmacy, \$650.35, making a total of \$2,745.60, which is payable in five annual installments with 5 per cent interest.

There is some indication that these assessments may be reduced. I recommend that the matter be taken up by our Legal Counsel with the Superintendent of Special Assessments of the City of Chicago, the Legal Counsel being empowered to advise the Superintendent that the University will accept an assessment when satisfied that such assessment is a fair assessment.

On motion of Dr. Noble, this recommendation was adopted.

COOPERATIVE INVESTIGATION OF THE GROWTH OF TOXIN FORMATION BY CLOSTRIDIUM BOTULINUM IN CERTAIN CANNED MEAT PRODUCTS

(20) A recommendation from the head of the Department of Bacteriology and the Dean of the College, that an agreement with the Institute of American Meat Packers, for a cooperative investigation of the Growth of anti-toxin Formation by Clostridium Botulinum in certain canned meat products, be approved. The agreement is drawn for a period of one year beginning September 15, 1929, and the Institute of American Meat Packers agrees to pay \$3500 to cover the expenses of this investigation.

On motion of Mrs. Evans, this agreement was authorized.

APPROPRIATION FOR COLLEGE OF DENTISTRY

(21) By a misunderstanding, part of the special appropriation made for Dental Research was allowed to lapse on June 30, last, instead of being carried forward, as the Dean had requested, to meet the expenses which occurred through the summer in this work. The Dean requests an appropriation, which should be \$375. I request this appropriation from the Reserve and Contingent Fund.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

REPORT ON KEY SYSTEM TRANSIT COMPANY BONDS

(22) The University holds bonds of the face value of \$5,000 of the Key System Transit Company (part of the principal of the Marcus Russell Trust Fund). These bonds are of the Series General and Refunding Mortgage Gold Bonds, at 5 per cent, dated July 1, 1923.

On May 17, 1929, the Board directed the Comptroller and the Treasurer to sell the bonds at the best price obtainable (Minutes, page 212). In July, the Comptroller reported that no bids had been received on these bonds and that the interest coupons due July 1, 1929, had been returned unpaid.

Judge Johnson, Legal Counsel, then corresponded with Cushing and Cushing, a reputable law firm in San Francisco, and with the Secretary of the Readjustment

Committee of the Key System Transit Company. A reorganization is planned by the Company, which contemplates, among other things, that holders of the class of bonds which the University has may receive par for par of five per cent cumulative second preferred stock provided that they purchase at \$25 per share one share of six per cent cumulative first preferred stock for each \$100 of bonds held. The University would have to purchase for cash \$1250 of first preferred stock in order to receive second preferred stock in exchange for our bonds. This investment would yield a total of \$325 a year. The actual value of the preferred stock which it is proposed to issue appears to be uncertain.

On August 16, Judge Johnson received a telegram from Cushing and Cushing in which they stated that the time to deposit the bonds would not be extended after August 20; that the present market value of the bonds was about 20 per cent and that if the bonds were not deposited the amount received by bondholders after foreclosure would probably be less than the present market value. On August 21 the Legal Counsel received a letter from Cushing and Cushing to the effect that the time to deposit had been extended to September 20.

On September 3, Judge Johnson received another telegram from Cushing and Cushing in which they again advised the University to deposit the bonds under the reorganization plan or to sell at present market. Judge Johnson wrote me on September 4 that he believed the proper course was to deposit the bonds, take the receipts and sell them or sell the bonds at the current market price, if they have any.

Under date of September 11, President Armstrong of the Board suggested in a letter that the securities be forwarded by the Treasurer to some bank in Oakland, California, to be held subject to telegraphic instruction after the Board Meeting on September 18.

Accordingly, on September 12, I directed Mr. A. M. Burke, Treasurer of the Board, to send the securities to some depository in Oakland, California, to be held subject to instructions of the Board after its meeting on September 18.

Mr. Trees, for the Finance Committee, presented a recommendation that the Treasurer be authorized and directed to deposit these bonds with the proper officer or agent of the company and to take certificates and sell them at the market price.

On motion of Mr. Trees, this recommendation was adopted.

LISTING UNIVERSITY EMPLOYEES

(23) The last General Assembly passed an act requiring State Departments and officers, including the Board of Trustees of the University, to file "in the office of the Auditor of Public Accounts before the end of each calendar year, a list of all employees in their respective offices or departments for the past calendar year, stating the names of the persons employed, the total salary paid each employee for the past calendar year, their addresses, showing the streets and cities and counties in which they vote."

I request instructions as to the method which the Board wishes to be followed in complying with this act.

On motion of Mr. Barr, the President of the University was directed to compile the list and to make the report as required.

AMERICAN LEGION BUILDING IN PARIS

(24) A request from Lt. Col. Francis E. Drake, President American Legion Building Corporation, that the University provide a bronze memorial tablet to be placed in the new building erected by the American Legion in Paris.

The President of the University was asked to get the opinion of the Legal Counsel on this matter.

REPORT ON MODIFICATION OF AGREEMENT CONCERNING RESEARCH AND EDUCATIONAL HOSPITAL

(25) Following instructions of the Board at its meeting on May 17, 1929 (Minutes, page 198), the agreement between the Department of Public Welfare and the University concerning the operation of the Research and Educational Hospital was amended, as directed. The amendment agreement was signed by Honorable Rodney

H. Brandon, acting for the Department of Public Welfare, and myself, acting for the University.

This report was received for record.

RETIREMENT OF MEMBERS OF THE STAFF

(26) Under the rules of the Board concerning retirement, the following members of the staff are due for retirement, beginning September 1, 1929:

BEVIER, ISABEL, *Professor, Home Economics*
 BROOKS, MORGAN, *Professor, Electrical Engineering*
 BROTHERS, E. D., *Lecturer, Medical and Dental Jurisprudence*
 CARMAN, A. P., *Professor, Physics*
 SNYDER, J. C., *Physical Plant*
 SPRINKLE, D. C., *Horticulture*
 MCINTIRE, W. A., *Record Clerk, Agronomy*

Professor Bevier requests, and Dean Mumford concurs, that she be continued in active service for one year, beginning September 1, 1929.

Mr. Sprinkle, who reached the retiring age last year, and who was permitted to continue for the year 1928-29, asks to be continued for another year. He is the night watchman in the Floriculture Division. Dean Mumford and Professor Blair recommend that his request be granted. The Supervising Architect concurs in their recommendation.

Mr. Snyder, in the grounds department, will reach the retiring age on August 12, after 27 years' service. He asks to be continued during the year 1929-30. His request is endorsed by his foreman, the Superintendent of Grounds, and the Supervising Architect.

Dr. Harry Sands Grindley, Professor of Animal Nutrition, and Associate Chief of Animal Nutrition in the Agricultural Experiment Station, having reached the age of 65, asks to be retired as of August 31, 1929, under Section III, Paragraph (a) of the rules governing retiring allowances. He has been on the staff continuously since 1894, and previous to that time he served as an assistant in chemistry in 1888-89. Dean Mumford and Professor Rusk recommend approval of his request.

On motion of Mr. Trees, these recommendations were adopted.

Director P. L. Windsor of the Library recommends that Miss Amanda Flattery, Cataloger, be put on the retired list as of September 1, 1929. Miss Flattery is 73 years old and has served on the staff continuously since November 25, 1913. She does not come under the retiring allowance system since she had not served fifteen years when she became 68. She has now completed fifteen years of service. In view of her excellent and faithful service and the fact that she will soon not be able to stand the daily strain of her work, I concur.

On motion of Mrs. Evans, this recommendation was approved.

Dean Mumford recommends that Mr. W. T. Marsh, laborer in the Department of Dairy Husbandry, who was 70 years old on January 26, 1929, and who, on April 13, 1929, had completed fifteen years of service, be retired on July 1. Mr. Marsh, like Miss Flattery, does not come under the rules since he had not served fifteen years when he became 68. Moreover, our practice has been to make all retirements effective September 1. I recommend that Mr. Marsh be retired, effective September 1, 1929, in view of his service and the fact that in the work in which he is employed he is subject at his age to more than average danger of accidental injury, and it would be better to replace him with a younger man.

On motion of Mr. Blair, this recommendation was approved.

RETIRING ALLOWANCES AND DEATH BENEFITS FOR EMPLOYEES OF THE ATHLETIC ASSOCIATION

(27) Judge O. A. Harker, Secretary of the Board of Directors of the Athletic Association, submits, on their behalf, the following resolution adopted by that Board, concerning retiring allowances and death benefits for employees of the Athletic Association and requests its approval by the Board of Trustees of the University:

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE ATHLETIC ASSOCIATION OF THE UNIVERSITY OF ILLINOIS, that from and after September 1, 1929, all members of the staff and employees of said Athletic Association shall be thereafter employed on contract which shall provide that compensation for services shall be paid to them by the said Athletic Association as follows:

1. Such part thereof in cash as the Board of Directors shall from time to time fix and determine, to be paid to them for such time only as they shall satisfactorily perform the services of their respective employments.

2. A part thereof in the value of death benefits to be provided by the said Board of Directors for them, or their respective heirs, legal representatives, or designated beneficiaries, based on the cash portion of compensation agreed to be paid to them by the said Athletic Association for the academic year during which death shall occur, in the following amounts and under the following conditions, to-wit:

Death during first year of service, nothing.

Death during second year of service, 10% of cash compensation for the academic year.

Death during third year of service, 15% of cash compensation for the academic year.

Death during fourth year of service, 20% of cash compensation for the academic year.

Death during fifth year of service, 25% of cash compensation for the academic year.

Death during sixth year of service, 30% of cash compensation for the academic year.

Death during seventh year of service, 35% of cash compensation for the academic year.

Death during eighth year of service, 40% of cash compensation for the academic year.

Death during ninth year of service, 45% of cash compensation for the academic year.

Death during tenth or any succeeding year of service, 50% of cash compensation for the academic year.

PROVIDED, HOWEVER, that no death benefit shall be in excess of \$3,000.

Death benefits shall not be paid in the following cases:

(a) If employee commits suicide.

(b) If in the judgment of a majority of the members of the Board of Directors, an employee's death is caused or contributed to by his use of intoxicating liquor, or by his violation of any law of the State of Illinois.

(c) No employee shall be entitled to receive death benefits from the said Athletic Association unless he has been in the continuous employment of the Association for at least 10 months prior to death.

3. As to all employees of the Athletic Association who have been in the service of the Association for fifteen or more years and who shall be in the employment of, and active service of the Association the following retiring allowances are provided for to be paid by the Board of Directors in the following amounts and under the following conditions, to-wit:

(a) An employee of said Association shall retire at the age of 68. Said retirement to begin on the first day of September following his sixty-eighth birthday anniversary. An employee after continuous service of 15 years may with the consent of the Board of Directors retire after reaching the age of 65 years.

(b) Upon the retirement there shall be paid to the employee retiring during his life an amount equal to 25% of the average cash portion of compensation which has been paid to him during the last five years prior to retirement, together with 1% of such average amount additional for each year of his service for the Association; the maximum payment, however, not to exceed one-half of such average amount. And no retiring allowance shall be paid in excess of \$3,000.

(c) All members of the staff retired hereunder shall be subject to call by the Board of Directors for the performance of such specific duties for the Board as shall be assigned to them.

4. All rights and claims of any employee in or to death benefits and retiring allowances as aforesaid shall cease with the termination of such services whether such termination is voluntary or otherwise.

ADOPTED, June 4, 1929.

Attest O. A. HARKER
Secretary

On motion of Mr. Trees, this resolution was approved.

PERQUISITES OF AGRICULTURAL EMPLOYEES

(28) A list of employees in the College of Agriculture who are furnished houses and other perquisites in addition to a cash compensation:

	Cash wage	Estimated value of items furnished by University				Total cost of Position to the University
		House Rent	Water	Light	Feed	
ANIMAL HUSBANDRY						
J. L. Munson	\$1 740	\$360	\$18	\$36		\$2 154
W. J. Hampton	2 040	330	18	36		2 424
J. L. Heddins	1 740	360	18	36		2 154
Silas Kilton	1 740	330	18	36		2 124
George Potts	2 040	240	18	36		2 334
Alex Edgar	1 800	300	18	36		2 154
John Rains	1 800	300	18	25		2 143
AGRONOMY						
William Wood	1 200	240 ¹	18	36		1 494
DAIRY HUSBANDRY						
John Palfrey	1 680	420	18	36	\$80	2 234
W. J. Huck	1 440	120	18	18		1 596
Nelson Mosser	1 620	120	..	..		1 740
HORTICULTURE						
James Boyer	1 440	240 ²	..	..		1 680
Walter Young	1 200	120 ³	..	18		1 338
Frederick Snell	1 380	180 ⁴	..	18		1 578
Ralph Chaplin	1 320	180 ⁵	..	..		1 500

¹Telephone.

²House and telephone.

³Living quarters (two rooms) and use of telephone; light.

⁴Living quarters (three rooms) and use of telephone; light.

⁵House; water; telephone.

This report was received for record.

REQUEST FOR DEFERMENT OF INTEREST PAYABLE ON PREFERRED STOCK OF THE URBANA COKE CORPORATION

(29) The following letter from Professor S. W. Parr, requesting that the interest on the Preferred stock of the Urbana Coke Corporation, become cumulative December 1, 1929 instead of December 1, 1926, as provided in the original contract:

June 15, 1929

President David Kinley, University of Illinois

DEAR PRESIDENT KINLEY:

You will recall the provision in the contract between the University and the Urbana Coke Corporation wherein it was stated that the interest, six per cent, on the preferred stock should be cumulative beginning December 1, 1926.

What would you think of the propriety of asking the Board of Trustees to authorize a change of date to read December 1, 1929?

I can see no possible chance that any revenue may accrue soon on account of the coking process; certainly not before a year from December 1, 1929. I shall be exceedingly happy if an industrial installation is even ready for operation by that time.

The Urbana Coke Corporation has spent something over \$135,000.00 not counting the \$50,000.00 of preferred stock issued to the University. All of this sum has been devoted to experimentation. It seems to me that it would be a fair proposition under all the circumstances to recognize the date of December 1, 1929, as the time for counting cumulative interest.

I am not writing this note as an official of the Urbana Coke Corporation but purely as a personal matter. It is possible that such relinquishment might be credited to my account by the Urbana Coke Corporation and thereby substantially maintain

my ratio of holdings in the Company. I, of course, have not been in a position to add my share of cash investment to the experimental costs as they have accumulated in the last three years. It would seem to me appropriate for the Urbana Coke Corporation to credit my account with this cumulative interest if the University sees its way clear to make the suggested alteration.

Very truly yours,

S. W. PARR

On motion of Mr. Barr, this matter was referred to the Finance Committee for investigation and report.

AUDIT OF UNIVERSITY ACCOUNTS

(30) In connection with their detailed audit of the University's accounts for the quarter ending March 31, 1929, Arthur Young & Company suggested a program for regular quarterly audits which they consider adequate in connection with the system of accounting and internal checks now prevailing in the University's Business Office. These suggestions appear in the report which was presented at the meeting of May 17, 1929 (Minutes, page 177).

The Comptroller recommends adopting these suggestions and that the firm be advised of the Board's action.

I concur in this recommendation.

On motion of Mrs. Busey, this recommendation was adopted.

PATENT ON PROCESS FOR PRODUCTION OF GAS BY FERMENTATION OF CORN STALKS

(31) A recommendation from Professor J. M. White that the University assume the expense of securing the patent on a process developed by Professor A. M. Buswell for the production of gas by the fermentation of corn stalks, and accept the assignment of the patent.

On motion of Dr. Noble, this recommendation was adopted.

APPROPRIATION FOR SERVICES OF PATENT ATTORNEYS

(32) A recommendation from Professor James M. White, chairman of the Committee on Patents, that an appropriation of \$456 from the Reserve and Contingent Fund be made for the services of Brown, Jackson, Boettcher, & Diener, as the costs to date in connection with the patent applications on the Phosphorus Test (Minutes, July 17, 1929, page 261), and on the Cellulose Digestion, Case 1 (Gas from corn stalks, etc.).

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

REQUEST TO MANUFACTURE AND SELL TEST SOLUTION FOR MEASURING PHOSPHORUS CONTENT OF SOILS

(33) A recommendation from Professor James M. White and Dean Mumford concerning granting permission to the Urbana Laboratories to manufacture and sell the solution described in the Agricultural Experiment Station Bulletin No. 337 and called "A Field Test for Available Phosphorus in Soils," for which the University has a patent application pending.

September 12, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I am returning the letter of August 21 from the Urbana Laboratories requesting permission to manufacture and sell the solution described in Agricultural Experiment Station Bulletin No. 337, entitled "A Field Test for Available Phosphorus in Soils."

Dean Mumford and Professor Burlison have made a careful check on the cost of the manufacture and bottling of this solution and find it to be seventy-four cents a quart. The Urbana Laboratories propose to sell it at \$1.00 a pint, \$1.50 a quart, or \$5.00 a gallon. As the cost of seventy-four cents does not include any selling costs or general overhead, it seems to me that this is a reasonable scale of prices.

The above information was obtained from Dean Mumford under date of September 5. I enclose his recommendation of August 30, to give the Urbana Laboratories the right to sell this test material and I concur in his recommendation on the basis of the information received September 5 as to cost and selling price.

I therefore recommend that the Urbana Laboratories be granted permission to make this solution under such supervision as Professor Burlison feels is necessary to insure its being strictly in accordance with the formula, and that they be permitted to advertise and sell the product at the proposed prices; this privilege to be granted without royalty to the University until November 1, 1929, at the end of which period the question of the payment of a royalty shall be reviewed. The University reserves the right of withdrawing this privilege upon thirty days' notice, after November 1, 1929.

I further recommend that the Urbana Laboratories be required to keep records of their sales so that they may be examined by the University at any time. This provision is desirable so that we may obtain information as to the terms under which patent rights should be granted.

Yours very truly,

JAMES M. WHITE
Chairman—Committee on Patents

On motion of Mrs. Evans, this recommendation was concurred in.

REQUEST OF GENERAL TALKING PICTURES CORPORATION ON INFRINGEMENT OF KUNZ PATENT

(34) A request of the General Talking Pictures Corporation, apparently successor to the DeForest Phonofilms, for permission to bring suit against certain people who are infringing the Kunz patent. The contract between the University and the DeForest Phonofilms Company provides that the Company shall bring suit but must first obtain permission from the University.

On motion of Mr. Barr, this matter was referred to the President of the University, with power to act after conference with the Legal Counsel.

REPORT ON EXTENSION OF HART LOAN

(35) The Acting Comptroller, Mr. H. M. Edwards, under date of September 9, reports as follows:

September 9, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I desire to report that in accordance with the action of the Board of Trustees under date of July 17, 1929, an extension agreement on the loan of \$15,000 to Mr. M. M. Hart of Benton, Illinois, has been completed and delivered to the Trevett-Mattis Banking Company. The extension is for five years from July 16, 1929, and the agreement which was signed by Mr. M. M. Hart and Judge W. H. Hart provides:

- (1) That \$500 of the principal (with interest) be paid by August 15, 1929;
- (2) That \$500 of the principal be paid yearly, besides the interest, to be paid by the last interest date of each year.
- (3) That \$2,500 in addition to the \$500 annual payment, and in addition to interest be paid on the principal on or before December 15, 1932.

I would report further that a payment of \$500 with interest due August 15, 1929, has been received.

Cordially yours,

H. M. EDWARDS
Acting Comptroller

This report was received for record.

REPORT ON EXPENDITURE OF APPROPRIATION FOR ALUMNI NEWS

(36) The Comptroller submits the following report received by him from Mr. C. J. Roseberry, Executive Manager of the Alumni Association, showing how the appropri-

ation of \$3000 made by the Board at its meeting of November 16, 1928 (Minutes, page 86), "toward the expense of the improvement of the Alumni News" was expended:

Printing Special Editions of News on "Faculty," Class Reunions, College of Medicine, etc.....	\$1137 37
Printing additional pages for regular issues.....	903 40
Mailing, postage, envelopes, (including estimate of mailing Dedication Special based on cost of mailing other specials).....	420 15
Cuts for all special issues excepting Dedication Special.....	175 85
Letter to reunion classes to secure material for Reunion Edition..	143 11
Miscellaneous help.....	252 24
Colored covers.....	105 00
Miscellaneous.....	24 38
	<hr/>
	\$3161 50
<i>Deduct</i> —paid by Alumni Association.....	161 50
	<hr/>
	\$3000 00

This report was received for record.

REPORT OF ATTEMPT AT BURGLARY IN THE ADMINISTRATION BUILDING

(37) The Comptroller submits a report of an attempt at burglary in the Administration Building on Friday morning, July 26.

The loss consisted of property damage only, which was entirely covered by insurance.

This report was received for record.

CONTRACT WITH HINNERS ORGAN COMPANY

(38) On August 7 the Purchasing Agent, acting for the Comptroller, submitted the following bids, secured by Director F. B. Stiven, covering the building and installation of a practice organ in the Music Building. These bids were based on specifications compiled by Director Stiven:

Hinners Organ Company.....	\$1285 00
Wicks Organ Company.....	1400 00
Moller Organ Company.....	1500 00
Kimball Organ Company.....	2800 00
Estey Organ Company.....	3052 50

After conference on the telephone with President Armstrong and Mrs. Grigsby of the Executive Committee, I authorized the Comptroller and the Secretary of the Board to execute a contract for the University with the Hinners Organ Company, the low bidder.

On motion of Dr. Noble, this action was confirmed.

RESEARCH ON EFFECTS OF RADIATION ON LIVING ORGANISMS

(39) The National Research Council has assigned to Dr. J. T. Buchholz (who joins the staff this year as Professor of Botany), \$1250 for research on the effects of radiation on living organisms. One of the conditions of the grant is that the University accept these funds. This merely involves keeping the accounts of this grant in the same manner as accounts of other funds of the University are kept. I have authorized the Comptroller to accept these funds, and request confirmation of my action on this matter.

On motion of Mrs. Evans, this action was confirmed.

GIFTS TO THE UNIVERSITY

(40) The Chemical Foundation, Incorporated, has made an appropriation of \$15,000 covering a period of two years, to be payable quarterly, for work on Partial Oxidation to be carried on under the direction of Professor D. B. Keyes. This research problem is an attempt to discover a method of simplifying the steps involved in the manufacture of organic chemicals by substituting air as the oxidizing agent for other agents. Many organic chemicals are oxidation products of other organic compounds and the

present methods of manufacture involve several steps using costly oxidizing agents. There are no restrictions on this gift except that the money be used for investigation of Partial Oxidation.

The Standard Oil Company of Indiana has sent a check for \$1200 to the University for the continuation of a research assistantship on the nature of detonation in internal combustion engines, under the conditions and University regulations which were laid down when the assistantship was established.

The Tennessee Products Company of Nashville, Tennessee, has sent a check for \$1000 to the University for the continuation of a research assistantship in the Department of Chemistry established by that company last year.

Mr. L. L. Valentine of Chicago, who is a prominent collector of art objects, has offered the University a painting, "April," by Wilson H. Irvine, A. N. A. This painting was part of a collection which was lent the University for an exhibit last spring. The painting is 24 by 27 inches and is valued at \$500. A Committee which advises me on such matters reports that it is a fine piece of work.

Mrs. Ross Mattis of Champaign, sister of the late Senator William B. McKinley, has presented the University with a portrait of Senator McKinley, to be placed in the McKinley Hospital. For the present, it has been hung in the Art Gallery.

The Sherzer Rolling Lift Bridge Company has offered to contribute \$300 for experiments now being carried on by Professor W. M. Wilson of the Department of Civil Engineering, to determine allowable bearing pressure on the edge of web plates.

The Ruhm Phosphate and Chemical Company of Tennessee has offered the Agricultural Experiment Station four wheelbarrow phosphate spreaders.

The American Can Company of Chicago has given the Department of Bacteriology 30 cases of canned corn and 20 cases of condensed milk for use by students in studies of microorganisms in normal foods.

The Western Electric Company has offered the Department of Electrical Engineering a filter, three resistance boxes, a condenser, and a relay, valued at \$100.

I have authorized acceptance of these gifts.

This report was received for record.

GIFTS OF PICTURES OF GERMAN BRICK ARCHITECTURE

(41) Mr. Arthur Woltersdorf of Chicago has presented to the Department of Architecture one-half of a collection of photographs of German Brick Architecture which has been a traveling exhibit in the United States during the past year (the other half has been presented to the University of Michigan). Dean Ketchum and Professor Provine recommend acceptance of this gift. Since this is an imported collection, the regulations of the Treasury Department require that the recipient execute a bond to the effect that these photographs imported by Mr. Woltersdorf and donated to the University shall not be sold or exposed for sale or be used in any way contrary to law.

I recommend that this gift be accepted, that the following resolution be adopted, and that the Secretary be directed to issue a certified copy of this resolution to be sent to the United States Customs Service:

RESOLUTION

RESOLVED, that H. M. Edwards, Acting Comptroller, be and is hereby authorized and directed to execute in the name of the Board of Trustees of the University of Illinois, a bond to the United States of America in the sum of two hundred five dollars (\$205) to the effect that photographs of German Brick Architecture imported by Arthur Woltersdorf and donated to the University of Illinois for use in its Department of Architecture, shall be used only for the purpose of exhibition and shall not be sold or exposed for sale or use in any way contrary to the laws and regulations of the United States.

On motion of Mr. Blair, this resolution was adopted.

On motion of Mr. Barr, the Comptroller was authorized to execute a bond for two hundred five dollars as required.

On motion of Mr. Barr, the Secretary was directed to send a certified copy of the resolution to the United States Customs Service.

RESOLUTION CONCERNING PARK SYSTEM IN THE MEDICAL CENTER ON THE WEST SIDE OF CHICAGO

(42) The following letter from the Vice-President of The Presbyterian Hospital in Chicago was received by me in July. If your Board acquiesces in the request to endorse the proposition explained in the letter I suggest the adoption of the following resolution:

July 2, 1929

DEAR PRESIDENT KINLEY:

Enclosed please find copy of a letter which is being sent by order of the Board of Managers of The Presbyterian Hospital of The City of Chicago in the interests of Medical Center on the west side of the city to the following public authorities:

Hon. William Hale Thompson, Mayor of Chicago;
 Hon. Anton J. Cermak, President of the Board of County Commissioners;
 Hon. Herman N. Bundeson, Coroner;
 Hon. James Simpson, Chairman of the Chicago Plan Commission;
 Hon. Michael J. Faherty, President of the Board of Local Improvements;
 Hon. Arnold H. Kegel, Commissioner of Health;
 Hon. Michael Zimmer, Warden of the Cook County Hospital.

A copy is also being sent, with a letter similar to this, to the following:

Mr. Harold H. Swift, President of the Board of Trustees of the University of Chicago;

Rev. Robert M. Kelley, S.J., President of Loyola University.

Will you kindly bring this matter to the attention of your Board of Trustees with a view to similar action, and any other and further action that they may deem proper. For your information, the matter is being studied by the technical staff of the Chicago Plan Commission.

Yours respectfully,

ALFRED T. CARTON
V.P. Presbyterian Hospital

RESOLUTION

WHEREAS, the Board of Managers of the Presbyterian Hospital of the City of Chicago has addressed a letter to the Board of Trustees of the University of Illinois requesting their cooperation in urging upon the public authorities of the City of Chicago and the County of Cook that the public interest demands the creation of parks, parkways, and boulevards requisite for a medical center in which are located institutions for the care of the sick under the control of various universities and hospitals, together with provision for the future growth.

NOW, THEREFORE BE IT RESOLVED by the Board of Trustees of the University of Illinois that the Board hereby expresses its approval of the proposal to form a park district which will include the area roughly bounded by Jackson Boulevard on the north, Ogden Avenue on the northwest, Robey Street on the west, Ashland Boulevard on the east, and Taylor Street on the south, within which are located the Cook County Hospital; the Presbyterian Hospital; the Medical Hospitals and Schools of the University of Illinois; Rush Medical College of the University of Chicago; the Medical College of Loyola University; and other hospitals and medical schools, and

BE IT FURTHER RESOLVED, that the President of the Board of Trustees be authorized and requested to send the sense of this resolution to the proper public authorities and others interested.

On motion of Mr. Blair, this resolution was adopted.

QUARTERLY REPORT OF COMPTROLLER

(43) The quarterly report of the Comptroller as of June 30, 1929:

To the Members of the Board of Trustees of the University of Illinois:

I transmit herewith the Quarterly Report required of me covering the financial transactions of the University for the quarter ending June 30, 1929. The Report includes the following statements:

Schedule A. Statement of the Reserve and Contingent Fund, or working balance of general income, for the quarter.

Schedule A 1. Statement of Budget Income for the year 1928-29.

Schedule B. Realization of Income for Operation. This statement shows the estimated income for all purposes other than for new buildings provided for by Special State Appropriations, for the current fiscal year, and the amount realized from each source to June 30. The amount realized from State Appropriations is the amount of vouchers certified to the State Auditor for payment from these appropriations. The amount realized from Student Fees is the net amount after allowing for all rebates. The amount realized from Sales is the total sales irrespective of whether collection has been made in cash.

Schedule C. Summary of Receipts and Disbursements. This statement shows the amount of cash receipts from all sources for the current fiscal year to June 30, deposited with the Treasurer of the University, also the amount appropriated to the University by the State for the current fiscal year. It shows also the disbursements from funds in the hands of the University Treasurer and from State Appropriations and the unexpended (not unencumbered) balance in each fund as at June 30.

Schedule D is a summary of the appropriations made by the Board of Trustees for the current fiscal year, the expenditures from these appropriations, the outstanding encumbrances in the form of orders and contracts, and the free balances on June 30. Included with appropriations under the heading "Total Credits" are reappropriations of balances from the previous year and sales credited to departments.

Schedule E shows operation of storerooms and service departments. Costs of materials and labor are first charged to these revolving accounts, and later are charged to appropriation accounts when the service has been completed, the revolving accounts being credited.

Schedule F is a summary of all trust endowments held by the University, and Schedule G is a summary of the operations of all expendable trust funds.

Schedule H is a balance sheet showing all assets for which the Board of Trustees is responsible and all commitments and obligations of those assets.

Appendix I is a summary of the operations of the Residence Halls for the year.

Appendix II is a report of the Memorial Stadium Fund, of which the Board of Trustees is custodian.

The figures contained in this Report are cumulative for the fiscal year and, therefore, represent the financial operations of the University for the fiscal year ending June 30, 1929 and the financial condition of the University at that date.

This report is subject to audit by the accounting firm employed by the Board for that purpose. The certificate of audit will be furnished as soon as the audit is complete.

Respectfully submitted,

LLOYD MOREY
Comptroller

SCHEDULE A
STATEMENT OF RESERVE AND CONTINGENT FUND
QUARTER ENDING JUNE 30, 1929

Balance forward April 1, 1929.....		\$113 167 83
Add:		
Estimated Additional Income from:		
Agricultural Sales—Animal Husbandry.....	\$6 300 00	
U. S. Smith-Lever Supplementary Act.....	10	6 300 10
Lapsed Unused 1927-28 Balances (carried forward to cover encumbrances but not required).....		<u>460 88</u> \$119 928 81
Deduct:		
Appropriations made by Board of Trustees		
April 10, 1929		
Death Benefits (W. F. Kaiser).....	864 00	
Patents on Discoveries and Inventions.....	1 000 00	
Chemistry Expense (Additional).....	4 000 00	
Journal of English and Germanic Philology Expense (Additional).....	600 00	
Archæological Explorations (Additional).....	600 00	
Purchase of Dental Building Bonds.....	1 530 00	
May 17, 1929		
Board of Trustees (Additional).....	1 300 00	
Publication of Laws Concerning the University.....	750 00	
Publishers Trade List.....	500 00	
Meeting of Federation of Illinois Colleges.....	500 00	
Death Benefits (W. F. Kaiser, additional).....	96 00	
Animal Husbandry (see income above).....	6 300 00	
Health Service (Additional).....	800 00	
Working Drawings for New Buildings (Additional).....	5 000 00	
Insectary.....	1 200 00	
June 11, 1929		
Alumni Directory (Additional).....	2 400 00	
Animal Houses (Animal Pathology).....	1 000 00	
June 28, 1929 (Executive Committee)		
Death Benefits (W. A. Cummins).....	1 350 00	
Stadium Windstorm Insurance.....	1 440 00	31 230 00
Assignment of Additional Estimated Income from U. S. Smith-Lever Supplementary Act.....		10
Adjustment in Salary Budget		
Home Economics.....	500 00	<u>31 730 10</u>
Unappropriated Balance June 30, 1929.....		<u>88 198 71</u>
Add:		
Surplus of Actual Incomes over Estimates		
State Board for Vocational Education.....	38 31*	
Student Fees.....	15 787 11	
McKinley Endowment.....	1 666 90*	
Miscellaneous Sources.....	<u>28 632 48</u>	42 714 38
Adjustment of Stores Inventories.....		15 750 42
Lapsed Appropriation Balances.....		<u>205 422 70</u>
Balance of Income Account June 30, 1929 (Sch. H)....		<u>263 887 50</u>
		<u>\$352 086 21</u>

*Deficit—deduct.

SCHEDULE A I
STATEMENT OF BUDGET INCOME FOR THE YEAR ENDING
JUNE 30, 1929

<i>Balances July 1, 1928</i>			
Reserve for Orders and Contracts Outstanding.....		\$908 292 67	
Balances Reappropriated or Carried Forward.....		102 002 08	
Unappropriated Agricultural Income.....		12 991 60	
Unappropriated General Income.....		<u>375 548 52</u>	\$1 488 834 87
<i>Income</i>			
From State Appropriations			
For Operation			
Salaries and Wages.....	\$3 275 000 00		
Travel.....	40 000 00		
Equipment.....	290 000 00		
Office Expense.....	140 000 00		
Operation.....	465 000 00		
Repairs.....	160 000 00		
Improvements.....	<u>130 000 00</u>	\$4 500 000 00	
For Buildings (Balance of Biennium Appropriation)			
Library Building Addition.....	30 936 34		
Lincoln Hall Addition.....	116 153 25		
Materials Testing Laboratory..	<u>160 797 39</u>	307 886 98	
For Special Purposes			
Agricultural Experiment Station, Cook County.....	15 000 00		
School of Journalism.....	<u>15 000 00</u>	30 000 00	4 837 886 98
From United States Grants			
Land Grant of 1862 (Interest on Endowment)...	32 450 66		
Morrill Act of 1890.....	25 000 00		
Nelson Act of 1907.....	25 000 00		
Hatch Act of 1881.....	15 000 00		
Adams Act of 1906.....	15 000 00		
Smith-Lever Act of 1914.....	228 495 98		
Smith-Lever Supplementary Act of 1928.....	11 128 36		
Purnell Act of 1925.....	50 000 00		
Capper-Ketcham Act of 1928.....	20 000 00		
Smith-Hughes Act of 1917.....	<u>15 961 69</u>	438 036 69	
From Student Fees (Net) ¹		865 787 11	
From Department Sales and Miscellaneous			
Agriculture.....	289 358 55		
Others.....	<u>122 055 19</u>	411 413 74	
From McKinley Endowment.....		5 333 10	
From Adjustment of Book Balances to Actual Inventories of Storerooms.....		<u>15 750 42</u>	
<i>Total Income</i>			6 574 208 04
<i>Total Available Resources</i>			<u>8 063 042 91</u>
<i>Charges to Income</i>			
Disbursements from Appropriations (See Sch. D)...		6 906 179 66	
Reserve for Orders and Contracts Outstanding (See Sch. D).....		679 234 92	
Balances Subject to Reappropriation (See Sch. D) .		107 846 24	
Research in Athletics Balance July 1, 1928 transferred to Trust Accounts.....		<u>171 76</u>	
<i>Total Charges</i>			<u>7 693 432 58</u>
<i>Balances of Income Accounts</i>			
<i>June 30, 1929 (Sch. H)</i>			
Unappropriated Agricultural Income.....		17 524 12	
Unappropriated General Income.....		<u>352 086 21</u>	369 610 33

¹After allowing for \$28,379.10 refunds.

SCHEDULE B
 REALIZATION OF INCOME FOR OPERATIONS
 YEAR ENDING JUNE 30, 1929

	Budget Estimate	Realized to Date	Unrealized Balance Closed to Unappropriated Income
<i>State Funds</i>			
From Mill Tax	\$2 625 000 00	\$2 625 000 00	
From General Revenue	1 875 000 00	1 875 000 00	
<i>Total, State</i>	(4 500 000 00)	(4 500 000 00)	
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund	239 624 34	239 624 34	
Hatch-Adams Funds	30 000 00	30 000 00	
Furnell Fund	50 000 00	50 000 00	
Capper-Ketcham Fund	20 000 00	20 000 00	
From State Treasurer			
Interest on Endowment Fund	32 450 66	32 450 66	
Morrill-Nelson Funds	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes)	16 000 00	15 961 69	\$38 31
<i>Total, Federal</i>	(438 075 00)	(438 036 69)	(38 31)
<i>Student Fees</i>	850 000 00	865 787 11	15 787 11*
<i>Sales</i>			
Credited to Departments			
Agriculture	124 860 00	133 090 04	8 230 04**
Other Departments		3 672 91	3 672 91*1
Credited to Estimated Agricultural Sales	138 900 00	141 042 58	2 142 58*
Credited to General Income	90 000 00	118 632 48	28 632 48*
Credited to Estimated Income from Creamery Surplus	14 310 00	14 310 00	
<i>Total, Sales, etc.</i>	(368 070 00)	(410 748 01)	(42 678 01*)
<i>McKintey Endowment</i>	7 000 00	5 333 10	1 666 90
<i>Grand Total</i>	\$6 163 145 00	\$6 219 904 91	\$56 759 91*

*Deduct—Income exceeds estimate.

1No budget estimate set up.

2Credited direct to revolving accounts, not closed to Unappropriated Income.

SCHEDULE C
 SUMMARY OF RECEIPTS AND DISBURSEMENTS
 YEAR ENDING JUNE 30, 1929

	Balance July 1, 1928 and Adjustments	Receipts and State Appropriations	Disbursements	Balance June 30, 1929
<i>Funds Held by University Treasurer</i>				
General Fund	\$685 934 53	\$2 034 858 73	\$1 982 524 21	\$738 269 05
Trust Fund	131 771 67	333 244 07	344 746 53	120 269 21
<i>Total</i>	(817 706 20)	(2 368 102 80)	(2 327 270 74)	(858 538 26)
<i>State Appropriations</i>				
For Operation				
Salaries and Wages		3 275 000 00	3 275 000 00	
Office Expense		140 000 00	140 000 00	
Travel		40 000 00	40 000 00	
Operation		465 000 00	465 000 00	
Repairs	4 584 88	160 000 00	164 584 88	
Equipment		290 000 00	290 000 00	
Improvements		130 000 00	130 000 00	
<i>Total, Operation</i>	(4 584 88)	(4 500 000 00)	(4 504 584 88)	
For Buildings 1927-29				
Library Building Addition	205 961 02		167 941 24	38 019 78
Lincoln Hall Addition	486 787 67		216 150 55	270 637 12
Materials Testing Laboratory	481 820 32		296 390 27	185 430 05
<i>Total, Buildings</i>	(1 174 569 01)		(680 482 06)	(494 086 95)
For Special Purposes				
Agricultural Experiment Station, Cook County		15 000 00	14 580 70	419 30
School of Journalism		15 000 00	15 000 00	
<i>Total, State</i>	(1 179 153 89)	(4 530 000 00)	(5 214 647 64)	(494 506 25)
<i>Grand Total</i>	\$1 996 860 09	\$6 898 102 80	\$7 541 918 38	\$1 353 044 51

SCHEDULE D
SUMMARY OF APPROPRIATIONS AS AT JUNE 30, 1929

	<i>Total Credits</i>	<i>Disburse- ments</i>	<i>Reserved for Outstanding Encumbrances</i>	<i>Balance Lapsed Subject to Reappropriation</i>	<i>Balance Lapsed</i>
Administration and General.....	\$ 431 953 76	\$ 383 625 95	\$ 4 444 29	\$ 20 270 85	\$ 23 612 67
Library.....	226 554 43	219 430 03			7 124 40
Agriculture					
University Appropriation.....	1 173 006 38	1 096 419 72	46 350 27	8 961 07 ¹	21 275 32 ²
U. S. Extension.....	269 601 31	254 139 86	7 50	15 453 95 ²	
Liberal Arts and Sciences.....	1 130 216 81	1 089 512 72	5 581 61	350 00	34 772 48
Engineering.....	697 186 72	658 369 24	23 679 22	2 130 77	13 007 49
Graduate School.....	83 431 90	63 628 32	7 300 30	352 45	12 150 83
Medicine, Dentistry and Pharmacy.....	778 924 61	725 732 23	8 818 10	4 394 40	39 979 88
Journalism.....	28 233 50	26 975 24		314 00	944 26
Law.....	91 317 36	87 556 54	1 694 22		2 066 60
Library School.....	23 855 18	23 271 49	87 52		496 17
Military.....	21 544 16	20 031 01	277 43		1 235 72
Music.....	57 278 76	56 367 39	482 21		429 16
Education.....	188 584 05	181 179 52	890 31		6 514 22
Summer Session 1928.....	39 035 82	38 676 29			359 53
Summer Session 1929.....	80 000 00	37 648 37	333 28	42 018 35	
Commerce.....	222 177 18	208 435 08	697 10	1 600 00	11 445 00
Physical Welfare.....	125 678 66	121 662 86	1 579 81		2 435 99
Physical Plant Operation and Maintenance.....	651 231 87	631 572 40			19 659 47
<i>Sub-total</i>	6 319 812 46	5 924 234 26	1 02 537 17	95 531 84	197 509 19
Land, Buildings and Improvements					
Special State Building Appropriations.....	1 175 482 11	680 217 48	495 264 63		
Other Appropriations.....	409 699 62	301 727 92	81 433 12	12 314 40	14 224 18
<i>Grand Total</i>	\$7 904 994 19	\$6 906 179 66	\$679 234 92	\$107 846 24	\$211 733 37 ³

¹Includes \$5,756.75 Revolving Accounts Balances carried forward without reappropriation.

²Includes \$2,882.44 Revolving Account Balances carried forward without reappropriation.

³Includes \$1,878.54 lapsed to offset Unrealized Estimated Agricultural Income and \$4,432.13 lapsed to Unappropriated Agricultural Income.

SCHEDULE E
STATEMENT OF THE STORES AND REVOLVING ACCOUNTS
AS AT JUNE 30, 1929

	Balance July 1, 1928	Disburse- ments	Credits from Department Requisitions and Sales	Balance June 30, 1929
<i>Storerooms</i>				
Chicago General Stores	\$ 1 060 70	\$10 726 04	\$ 8 093 22	\$ 3 693 52
General Chemical Stores	35 102 08	49 984 48	58 734 36	31 054 89
General Chemical Stores Overhead		4 702 69		
Office Supply Stores	19 104 42	57 367 25	60 017 08	19 875 49
Office Supply Stores Overhead		3 494 40	73 50	
Physical Plant Stores	35 101 63	112 660 56	104 447 39	49 110 25
Physical Plant Stores Overhead		7 145 28	1 347 83	
Postage	1 14*	21 840 52	21 667 47	171 91
Storage Coal	8 874 99	108 473 52	108 137 03	9 211 48
<i>Total, Storerooms</i>	(99 242 68)	(376 392 74)	(362 517 88)	(113 117 54)
<i>Service Departments</i>				
Applied Chemistry Testing	124 32	4 306 83	5 225 00	793 85*
Blueprinting	1 466 77*	2 930 69	3 204 35	1 720 43*
Photography	179 66	6 369 32	7 497 02	948 04*
Chicago Print Shop	443 79	3 217 16	3 717 55	56 60*
Chicago Job System	1 237 63*	84 674 04	83 592 11	155 70*
Chicago Animal Hospital	21 68	5 139 44	5 180 48	19 36*
Physical Plant Job System	17 930 75	827 120 73	799 748 94	45 302 54
Physical Plant Job System Overhead	520 20*	10 020 38	9 541 89	41 71*
Labor Pay Roll	402 54	507 436 58	508 997 87	1 158 72*
Organic Chemical Manufactures	1 580 58	8 379 38	10 094 62	1 034 66*
Print Shop	6 265 78	91 760 81	95 620 01	2 406 58
Stenographic Bureau		6 902 06	6 902 06	
<i>Total, Service Departments</i>	(23 724 50)	(1 558 277 42)	(1 540 221 90)	(41 780 02)
<i>Revolving Accounts</i>				
Library Science Outlines		215 90	164 39	51 51
Tabulating Machine Operation		3 81	14 50	10 69*
Military Overcoats	448 29*		2 942 00	3 390 29*
Military Uniforms	485 28*	12 794 79	14 253 83	1 944 32*
Vending Machines	213 08*	583 00	338 61	31 31
<i>Total, Revolving Accounts</i>	(1 146 65*)	(13 597 50)	(17 713 33)	(5 262 48*)
<i>Grand Total</i>	\$121 820 53	\$1 948 267 66	\$1 920 453 11	\$149 635 08

*Credit Balance.

SCHEDULE F
SUMMARY OF TRUST ENDOWMENT FUNDS
AS AT JUNE 30, 1929

	Total	Separate		Group	Cash
		Investments and Receivables	Invest- ments			Balances
Professorial and Lectureship Endowments.....	\$119 686 16	\$104 952 36	\$14 686 16		\$47 64
Student Loan Endowments.....	179 797 76	165 212 20			14 585 56
Scholarship, Fellowship and Prize Endowments..	84 556 27	27 427 17	57 129 10		
Miscellaneous Endowments.....	80 030 71	73 550 00	6 480 71		
<i>Sub-total</i>	464 070 90	371 141 73	78 295 97		14 633 20
Cash Balances Subject to Group Investment...			-55 69		55 69
<i>Grand Total</i>	\$464 070 90	\$371 141 73	\$78 240 28		\$14 688 89

SCHEDULE G
SUMMARY OF EXPENDABLE TRUST AND SPECIAL FUNDS
AS AT JUNE 30, 1929

	Balance July 1, 1928	Receipts	Disburse- ments	Balance June 30, 1929
Professorial and Lectureship Endowment In- come.....	\$3 028 94	\$6 433 91	\$7 598 08	\$1 864 77
Student Loan Endowments Income (subject to annuity).....	275 69	253 51	257 59	271 61
Scholarship, Fellowship and Prize Endowments Income.....	2 391 12	3 868 00	3 878 04	2 380 18
Miscellaneous Endowments Income.....	3 577 08	4 704 16	6 271 78	2 010 36
Building and Improvement Funds.....	747 69	558 25	632 24	673 70
Research Donations.....	27 519 69	125 658 25	110 168 54	43 009 40
Scholarship, Fellowship, and Prize Donations...	4 306 04	10 108 72	8 513 10	5 901 66
Other Expendable Funds.....	34 241 80	23 338 54	20 608 25	36 972 09
Deposit Funds.....	13 492 54	75 422 60	76 418 59	12 496 55
University Organizations' Funds.....	8 396 93	21 274 65	29 671 58 ¹	
<i>Grand Total</i>	\$97 978 42	\$271 620 59	\$264 018 69	\$105 580 32

¹Removed from University Accounts during 1928-29.

SCHEDULE H
BALANCE SHEET AS AT
JUNE 30, 1929

ASSETS

<i>I. General and Building Funds</i>			
Cash held by University Treasurer (Sch. C)....		\$738 269 05	
Petty Cash Funds.....		30 600 00	
Balance in State Appropriation (Sch. C)			
For Buildings.....	\$494 086 95		
For Special Purposes.....	419 30	494 506 25	
Stores and Service Departments (Sch. E).....		149 635 08	
Unsold Beef Cattle Inventory.....		3 851 43	
Loan to McKinley Hospital (Trust Fund).....		12 317 00	
Accounts Receivable.....		26 460 48	
Due from State Board of Vocational Education (Smith-Hughes).....		15 961 69	\$1 471 600 98
<i>II. Trust Funds</i>			
Cash held by University Treasurer (Sch. C)....		120 269 21	
Notes Receivable.....		158 212 20	
Investments			
Securities.....	244 619 81		
Land.....	46 550 00	291 169 81	569 651 22
<i>III. Endowment Fund</i>			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862.....			649 012 91
<i>IV. Plant and Property</i>			
Plant and Property (July 1, 1928).....			22 226 540 48
<i>Total Assets</i>			\$24 916 805 59

LIABILITIES AND SURPLUS

<i>I. General and Building Funds</i>			
Appropriation Balances (Sch. D)			
Reserved to cover Encumbrances.....	\$679 234 92		
Subject to Reappropriation.....	107 846 24	\$787 081 16	
Reserve for Extension			
Petty Cash Funds.....		1 200 00	
Reserve for Stores.....		122 360 64	
Reserve for Loan to Trust Fund.....		12 317 00	
Residence Hall and Hospital Balances.....		179 031 85	
Unappropriated Agricultural Income.....		17 524 12	
Unappropriated Income (Reserve and Contingent Fund) (Sch. A).....		352 086 21	\$1 471 600 98
<i>II. Reserve for Trust Funds</i>			
Due General Funds for Repayment of Loan....		12 317 00	
Expendable Funds (Sch. F).....		105 580 32	
Non-Expendable Funds (Sch. G).....	464 070 90		
Less: Loan from General Funds (above)....	12 317 00	451 753 90	569 651 22
<i>III. Reserve for Endowment Fund</i>			
			649 012 91
<i>IV. Bonds and Surplus</i>			
Dental Property Bonds.....		50 900 00	
Surplus Invested in Fixed Assets.....		22 175 640 48	22 226 540 48
<i>Total Liabilities and Surplus</i>			\$24 916 805 59

APPENDIX I
RESIDENCE HALLS
SUMMARY OF OPERATIONS
1928-29

	<i>Woman's Residence Halls</i>	<i>Davenport House</i>	<i>Total</i>
Summer Session Surplus.....	\$1 473 34		\$1 473 34
Winter Term Surplus:			
September 12 to October 15, 1928.....	5 983 80	\$937 08	6 920 88
October 15 to November 15, 1928.....	5 990 38	982 45	6 973 03
November 15 to December 15, 1928.....	5 991 82	968 08	6 959 90
December 15 to January 15, 1929.....	3 526 39	461 83	3 988 22
January 15 to February 15, 1929.....	6 786 75	1 071 38	7 858 13
February 15 to March 15, 1929.....	5 205 31	917 91	6 123 22
March 15 to April 15, 1929.....	7 322 80	1 093 49	8 416 29
April 15 to May 15, 1929.....	6 188 42	1 012 82	7 201 24
May 15 to June 15, 1929.....	4 654 62	672 70	5 327 32
<i>Total Surplus from Operations 1928-29 to June 15, 1929...</i>	<u>53 123 83</u>	<u>8 117 65</u>	<u>61 241 48</u>
Add:			
Forfeited Deposits.....	670 00	90 00	760 00
	<u>53 793 83</u>	<u>8 207 65</u>	<u>62 001 48</u>
Deduct:			
Extraordinary Repairs, Equipment, Remodeling, and Im- provements—August 15-September 12, 1928.....	17 719 14	5 671 95	23 391 09
<i>Unused 1928-29 Surplus from Operations.....</i>	<u>36 074 69</u>	<u>2 535 70</u>	<u>38 610 39</u>
Add:			
Balance forward June 15, 1928.....	114 886 01	9 904 07	124 790 08
<i>Surplus as at June 15, 1929.....</i>	<u>\$150 960 70</u>	<u>\$12 439 77</u>	<u>\$163 400 47</u>

APPENDIX II
STATEMENT OF MEMORIAL STADIUM FUND
AS AT JUNE 30, 1929
Receipts and Disbursements

	<i>Prior to July 1, 1928</i>	<i>July 1, 1928 to June 30, 1929</i>	<i>Total to Date</i>
<i>Receipts</i>			
From Subscriptions.....	\$1 663 030 45	\$9 067 90	\$1 672 098 35
From Donations.....	5 008 12	63 80	5 071 92
From Interest.....	26 451 49	657 57	27 109 06
From Loans.....	44 000 00	11 500 00*	55 500 00
<i>Total Receipts.....</i>	<u>1 738 490 06</u>	<u>1 710 73*</u>	<u>1 736 779 33</u>
<i>Disbursements</i>			
Office Collection Expense.....		96 87 ¹	96 87 ¹
Construction.....	1 735 635 78		1 735 635 78
<i>Total Disbursements.....</i>	<u>\$1 735 635 78</u>	<u>\$96 87</u>	<u>\$1 735 732 65</u>
<i>Cash Balance.....</i>			1 046 68

Balance Sheet

<i>Assets</i>			
Cash.....		\$1 046 68	
Due from Pledge Installments			
Past Due Installments.....	\$484 380 54		
Future Installments.....	<u>3 781 50</u>	488 162 04	
Due from Athletic Association for Office Expense...		<u>96 87¹</u>	
<i>Total Assets.....</i>			\$489 305 59
<i>Liabilities and Surplus</i>			
Notes Payable.....			<u>32 500 00</u>
<i>Excess of Assets (including Unpaid Pledges) over Li- abilities.....</i>			<u>\$456 805 59</u>

*Deduction due to repayment of loan.

¹To be refunded by Athletic Association.

This report was received for record.

REPORT OF TREASURER

(44) The Acting Comptroller transmits herewith a report of the University Treasurer in accordance with Article Six, Section Four, of the By-laws of the Board. His letter and the report are as follows:

September 10, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I transmit herewith a report of the Treasurer of the University prepared in accordance with the provisions of the By-Laws, Art. 6, Sec. 4 of the Board of Trustees. I have examined this report and hereby certify that it is correct in accordance with my records. I attach a reconciliation between the cash balance as reported by the Treasurer and the balance as given in my quarterly report already submitted.

Respectfully submitted,

H. M. EDWARDS
Acting Comptroller

RECONCILIATION WITH THE UNIVERSITY TREASURER
AS AT JUNE 30, 1929

Treasurer's Balance	\$1 027 712 22	
Add:		
Receipts not Deposited	<u>30 678 73</u>	
		\$1 058 390 95
Deduct:		
Deposits not entered by us		10
Unpaid Warrants		<u>199 852 59</u>
Business Office Balance		\$858 538 26
Consisting of:		
General Fund	738 269 05	
Trust Fund	<u>120 269 21</u>	858 538 26

The Board of Trustees of the University of Illinois, Urbana, Illinois

GENTLEMEN:

In compliance with the by-laws of the Board of Trustees of the University of Illinois, Article 6, Section 4, pertaining to the duties of the Treasurer, I am submitting herewith a detailed report of the securities in my possession as at June 30, 1929, also a report of all receipts and disbursements from July 1, 1928, to June 30, 1929.

Respectfully yours,

A. M. BURKE
Treasurer, University of Illinois

TRUST FUND INVESTMENTS AS AT JUNE 30, 1929

Security	Interest Rate	Maturity	Par Value	Purchase Rate	Amortized Book Value	Date Acquired	Fund
<i>Special Investments—Endowment Funds</i>							
British Columbia Pulp and Paper Company, Limited, First Mortgage Sinking Fund Bonds	6	Nov. 1, 1950	\$2 000 00	Gift	\$2 000 00	1923	
Vancouver Lumber Company, Limited, First Mortgage Gold Bonds	7½	May 1, 1937	300 00	Gift	300 00 (2 300 00)	1923	Ira O. Baker Prize Fund
Chicago By-Products Coke Corporation, First and Refunding Bonds	5	Jan. 1, 1976	2 000 00	Gift	2 000 00	Dec. 8, 1925	William Beaumont Mem. Fund
Argentine Republic Bonds	5	Mar. 1, 1945	13 000 00 14 595 00	Gift	10 000 00	1921	Robt. F. Carr Fellowship in Chem.
U. S. A. First Lib. Loan Converted Bonds West Penn Power Company First Mortgage Gold Bonds Series "E"	4½	June 15, 1947	2 000 00	Gift	2 000 00	Oct. 13, 1928	Elec. Eng. Society Loan Fund
U. S. A. First Lib. Loan Converted Bonds First Mortgage on 339 acres of land Franklin County, Illinois ¹	5	March 1, 1963	500 00	98 50	493 50	Sept. 9, 1925	English Poetry Prize Fund
First Mortgage on 280 acres of land Franklin County, Illinois	4½	June 15, 1947	100 00	99 10	99 10	April 24, 1929	
First Mortgage on 400 acres of land Franklin County, Illinois	7	June 16, 1929	15 000 00	100 00	15 000 00	Aug. 29, 1928	
First Mortgage (Part) 160 acres of land Champaign County, Illinois	7	July 7, 1932	7 500 00	100 00	7 500 00	Aug. 29, 1928	
Appalachian Power Company First Mortgage Bonds	7	Sept. 30, 1931	5 250 00	100 00	5 250 00	Aug. 29, 1928	
Chicago Union Station Company First Mortgage Bonds	5	June 1, 1933	2 508 33	100 00	2 508 33	Aug. 4, 1928	
Detroit Edison Company First Mortgage Bonds	5	June 1, 1941	4 000 00	101 50	4 057 84	Feb. 5, 1929	
Kansas City Terminal Company, First Mortgage Bonds	4½	July 1, 1963	15 000 00	10M 100 475 2M 99 125 2M 99 50 1M 99 625 3M 103 00 1M 102 00 6M 102 25 5M 102 875 9M 88 75 3M 89 00 6M 90 75 2M 91 25 10M 102 50 5C 101 75 101 00	15 037 39	Jan. 15, 1929 Aug. 2, 1928 July 28, 1928 July 28, 1928 Sept. 14, 1928 July 30, 1928 July 30, 1928 Sept. 14, 1928 Sept. 14, 1928 Jan. 15, 1929 April 16, 1929 Aug. 1, 1928	
Swift and Company, First Mortgage Sinking Fund Bonds	4	Jan. 1, 1960	20 000 00	10M 102 875 9M 88 75 3M 89 00 6M 90 75 2M 91 25 10M 102 50 5C 101 75 101 00	17 977 00	Aug. 1, 1928 Aug. 2, 1928 Aug. 2, 1928 Aug. 2, 1928 Aug. 2, 1928 Aug. 3, 1928	
Terminal R. R. Ass'n of St. Louis, Missouri, First Mortgage Bonds	5	July 1, 1944	10 500 00	10M 102 50 5C 101 75 101 00	10 758 75		
West Penn Power Company, First Mortgage Gold Bonds	4½	Oct. 1, 1939	1 000 00	101 00	1 011 34		
	5	March 1, 1963	10 000 00	1M 103 00 1M 102 75 1M 103 75 3M 104 00 4M 103 50	10 368 28		

¹Application for renewal is under consideration by Board of Trustees.

Savings Account, Trevett-Mattis Banking Company, Champaign, Illinois.....										
						12 17				
						(104 952 36)				
Booth St. Louis Cold Storage Company, First Mortgage Gold Bonds.....	6	Jan. 1, 1931	25 000 00	Gift	25 000 00		Jan. 24, 1917	McKinley Endowment—Economics of Public Utilities		
College of Physicians and Surgeons, First Mortgage Gold Bonds.....	6	July 1, 1932	4 700 00	1M	94 00	940 00	March 1, 1922	McKinley Hospital Endowment		
				24C	98 00	2 352 00	May 9, 1922			
				13C	100 00	1 300 00	1913			
						(4 592 00)				
Key System Transit Company, General Refunding Gold Bonds.....	5	July 1, 1938	5 000 00	Gift	5 000 00		April 14, 1926	Robt. L. Rea Med. Schol. Fund		
U. S. Gov't Fourth Lib. Loan Bond.....	4½	Oct. 15, 1938	50 00		100 52	50 00	June 2, 1924	Marcus Russell Loan Fund		
Farm Mortgage (Part) 160 acres land, Champaign County, Illinois.....	5	June 1, 1933	5 491 67		100 00	5 491 67	Aug. 4, 1928	Thrift Committee Economics Prize Fund		
Farm Mortgage on 80 acres of land Piatt County, Illinois.....	5	May 1, 1933	4 500 00		100 00	4 500 00	June 4, 1928	E. A. Wallace Memorial Scholarship Fund		
						(9 991 67)				
<i>Group Investments—Endowment Funds</i>										
U. S. Gov't First Lib. Bonds Converted..	4½	June 15, 1947	100 00		99 1	99 10	April 24, 1929			
Atchison, Topeka and Santa Fe R. R. Company, First Mortgage Bonds...	4	Jan. 1, 1965	12 000 00	11M	92 125					
Cleveland Electric Illuminating Company, First Mortgage Bonds.....	5	April 1, 1939	10 000 00	1M	91 75	11 074 63	Jan. 15, 1929			
Commonwealth Edison Company, First Mortgage Bonds.....	5	June 1, 1943	15 000 00	10M	105 00					
Des Moines Electric Company, First Mortgage Bonds.....	5	Nov. 1, 1938	11 000 00	5M	104 75	15 713 44	Jan. 27, 1929			
				10M	101 50					
Detroit Edison Company, First Mortgage Gold Bonds.....	5	Jan. 1, 1933	2 000 00	1M	101 25	11 155 84	March 5, 1929			
					101 25	2 016 89	Dec. 4, 1926			
San Diego Consolidated Gas and Electric Company, First Mortgage Bonds...	5	March 1, 1939	11 000 00	5M	103 25	11 354 60	Jan. 15, 1929			
Swift and Company, First Mortgage Sinking Fund Bonds.....	5	July 1, 1944	1 000 00	6M	103 50					
					101 75	1 017 50	April 16, 1929			
West Penn Power Company, First Mortgage Bonds.....	5	March 1, 1946	15 000 00	10M	103 00					
				5M	102 855	15 463 08	Jan. 17, 1929			
						(78 240 28)				
						<u>244 619 81</u>				
<i>Other Investments</i>										
Urbana Coke Corporation 500 Shares Preferred Capital Stock (Dividends cumulative from January 1, 1926).....	6		50 000 00		None		Dec., 1925	Received in exchange for Patent Number 1,458,964 "Process of Manufacture of Coke for Metallurgical Uses," and for right and title to such inventions as had been conceived by Messrs. Parr and Laying pertaining to the coking of coal.		

I hereby certify that the above is a correct listing of the securities owned by the University of Illinois, and that these securities are in my possession.
Date July 24, 1929

A. M. BURKE, *Treasurer, University of Illinois*

STATEMENT OF RECEIPTS AND DISBURSEMENTS OF THE TREASURER OF THE UNIVERSITY OF ILLINOIS YEAR ENDING JUNE 30, 1929

Balance June 30, 1928.....				\$ 1 083 551 27
Receipts:				
July.....	\$130	994	17	
August.....	94	529	01	
September.....	647	672	91	
October.....	209	725	29	
November.....	72	144	89	
December.....	82	092	71	
January.....	303	110	01	
February.....	437	503	50	
March.....	74	602	13	
April.....	82	147	28	
May.....	99	940	66	
June.....	136	128	73	\$2 370 591 29
				\$3 454 142 56
Disbursements (as per cancelled warrants returned to the Comptroller)				
July.....	\$352	512	90	
August.....	434	963	42	
September.....	129	922	06	
October.....	226	100	34	
November.....	157	501	29	
December.....	211	882	79	
January.....	127	740	96	
February.....	163	907	49	
March.....	148	819	71	
April.....	172	821	57	
May.....	265	199	51	
June.....	335	058	30	\$2 426 430 34
Balance on Hand June 30, 1929.....				\$1 027 712 22

On motion of Mr. Barr, this report was referred to the Finance Committee for consideration and report.

AUDITORS' REPORT

(45) The report of Arthur Young & Company of their audit of University accounts for the year ending June 30, 1929, and for the quarter ending June 30, 1929.

September 6, 1929

Board of Trustees, University of Illinois

DEAR SIRS:

We have audited the accounts of the University of Illinois for the year ending June 30, 1929, and we hereby certify that, so far as we have been able to ascertain by an extended detail examination,

All Income which the University should have received during the year has been received and duly accounted for.

All Disbursements have been made for University purposes and have been properly authorized, and the expenditures have been correctly recorded in the books of account.

The Cash and Securities as shown by the Books as at June 30, 1929, are correct in amount and have been verified by actual inspection, count or direct confirmation from the depositories.

The Annual Report of the Comptroller to the Board of Trustees as at June 30, 1929, as submitted to us, showing the Balance Sheet and detailed accounts as at that date, together with Statements of Operation for the year ending June 30, 1929, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,

ARTHUR YOUNG & Co.

September 6, 1929

Board of Trustees, University of Illinois

DEAR SIRS:

We have audited the books of the University of Illinois for the quarter ending June 30, 1929, and submit the following brief summary of the work done and the result of the audit:

The Cash Receipts have been verified by checking all cash receipts vouchers into the cash book, supplemented by an examination of a substantial portion of the orig-

inal departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The Disbursement Warrants drawn upon the University Treasurer and the warrants certified to the State Auditor have been checked into the cash book, and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure, and receipt of goods or services by the University. The footings of the cash book have been proved.

The Cash Balance in the hands of the University Treasurer as at June 30, 1929, together with the Securities in his custody, as shown by the books of account, have been verified by actual inspection and confirmation from depositories.

The Income for the quarter under audit has been verified by extensive detail checking and by comparison with independent records; these tests have been extended to cover the larger items of income for the entire year ending June 30, 1929, thus supplementing our previous audits.

The accounts of the Chicago Departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct.

The records of the meetings of the Board of Trustees of April 10, May 17 and June 11, 1929, have been examined and all actions affecting the finances of the University, in so far as they had been consummated up to the time of our audit, have been checked into the books of account.

We hereby certify, that so far as we have been able to ascertain by an extended detail examination,

All Income which the University should have received during the quarter ending June 30, 1929, has been received and duly accounted for.

All Disbursements have been made for University purposes and have been properly authorized, and the expenditures have been correctly recorded in the books of account.

The Cash and Securities as shown by the books as at June 30, 1929, are correct in amount and have been verified by actual inspection, count or direct confirmation from the depositories.

The Report of the Comptroller to the Board of Trustees for the quarter ending June 30, 1929, copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The Financial Report of the Comptroller to the Governor of the State of Illinois, for the period beginning July 1, 1927, and ending June 30, 1929, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,

ARTHUR YOUNG & Co.

These reports were received for record.

FINANCIAL REPORT OF MCKINLEY HOSPITAL

(46) The following Financial Report from the Comptroller on the operations of the McKinley Hospital for the year ending June 30, 1929:

July 19, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I send you for your files copy of a financial report of McKinley Hospital for the year ending June 30, 1929. A preliminary report was sent you some time ago giving an estimate of the conditions at the end of the year. The actual deficit for the year \$4672.56 as compared with \$6046.67 for the preceding year. In addition, purchases of equipment aggregating \$5940.45 were made during the year. Funds to meet the deficit as well as for the purchase of this equipment were supplied from the Mutual Benefit Hospital Fund.

Cordially yours,

LLOYD MOREY
Comptroller

This report was referred to the special committee on the Hospital for consideration and report.

REPORT ON E. A. WALLACE MEMORIAL SCHOLARSHIP FUND

(47) The Comptroller makes the following report on the E. A. Wallace Memorial Scholarship Fund for the year ending June 30, 1929. A copy of this report has been sent to the President of the Board of Education of the City of Havana in accordance with the provisions of the bequest:

E. A. WALLACE MEMORIAL SCHOLARSHIP FUND

Principal Account

Net amount received from bequest of Gertrude E. Haweis
(per last year's report)..... \$9 991 67

Investments

Farm Mortgage note signed by Jessie A. and Keith W. Swigart. Dated May 1, 1928, interest at 5% payable annually, maturing May 1, 1933. Secured by mortgage on North ½ of Southwest ¼ of Section 2, Township 21 North, Range 5 East of Third Principal Meridian; 80 acres situated in McLean County, Illinois. (Previous Report)..... \$4 500 00

Purchased August 4, 1928, Farm Mortgage Note signed by C. W. Richards and Angie C. Richards, dated June 1, 1928, interest at 5% payable semi-annually, maturing June 1, 1933. Secured by mortgage on Northwest quarter of fractional section 7, Township 20 North, Range 10 East of the Third Principal Meridian, containing 160 acres, located in Champaign County, Illinois. Total mortgage \$8000, amount held by this fund..... 5 491 67 9 991 67

Income Account

Balance forward June 30, 1928..... 163 48

Receipts

Swigart Mortgage Interest.....\$225 00

Richards Mortgage Interest..... 274 68

A. M. Burke, Treasurer, Interest on Cash Balance 29 75 529 43 692 91

Disbursements

Purchase of Accrued Interest

Richards Mortgage..... 48 79

Scholarship Awards

Clay V. Hoskins (one semester)..... 163 50

Wayne Craggs (two semesters)..... 270 00 482 29

Balance June 30, 1929..... \$210 62

This report was received for record.

REGISTRAR'S REPORT OF FEES FOR THE SUMMER SESSION

(48) The Registrar's report of fees assessed for the summer session of 1929.

Urbana

	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Matriculation Fees.....	\$ 1 600 00	\$ 130 00	\$ 1 470 00
Incidental Fees.....	37 387 00	3 256 00	34 131 00
Tuition Fees.....	210 00		210 00
Visitor's Fees.....	97 50	7 50	90 00
Transcript of Credits Fees.....	169 00		169 00
Change Fees.....	170 00	1 00	169 00
Special Examination Fees.....	635 00	15 00	620 00
Diploma Fees.....	1 070 00	20 00	1 050 00
<i>Total, General Fees.....</i>	<i>\$41 338 50</i>	<i>\$3 429 50</i>	<i>\$37 909 00</i>

Laboratory Fees

Athletic Coaching.....	\$ 1 50	\$ 1 50	\$.....
Bacteriology.....	235 00	8 00	227 00
Botany.....	129 50	6 50	123 00
Chemistry.....	2 021 00	177 25	1 843 75
French.....	2 00	25	1 75
Industrial Education.....	2 00		2 00
Journalism.....	6 00		6 00
Law.....	18 50		18 50
Music.....	504 00	39 00	465 00
Physical Education (women).....	253 50	39 00	214 50
Physics.....	125 50	14 75	110 75
Physiology.....	35 00		35 00
Spanish.....	50		50
Zoology.....	202 00	6 50	195 50
<i>Total, Laboratory Fees.....</i>	<i>\$ 3 536 00</i>	<i>\$ 292 75</i>	<i>\$ 3 243 25</i>
<i>Total Fees, Urbana.....</i>	<i>\$44 874 50</i>	<i>\$3 722 25</i>	<i>\$41 152 25</i>

Chicago

Tuition Fees.....	\$ 1 257 50		\$ 1 257 50
<i>Total Fees, Chicago.....</i>	<i>\$ 1 257 50</i>		<i>\$ 1 257 50</i>
<i>Total Fees Summer Session.....</i>	<i>\$46 132 00</i>	<i>\$3 722 25</i>	<i>\$42 409 75</i>

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(49) The following report from the Comptroller on contracts and purchase orders executed since the last report:

September 12, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I transmit herewith report of contracts executed by the Comptroller since the last report, together with report of the Purchasing Agent of purchase orders issued during the months of July and August, 1929, amounting to \$1,000 or more.

Cordially yours,

H. M. EDWARDS
Acting Comptroller

CONTRACTS EXECUTED BY THE COMPTROLLER
JULY 12, 1929, TO SEPTEMBER 12, 1929

Contract reported to the Board of Trustees in their meeting of June 11, 1929 as shown in the minutes on page 248:

Name	Amount	Date	Item
Chilean Nitrate of Soda Educational Bureau of New York City	\$1 500	June 14, 1929	Experimental research by Agricultural Experiment Station on effect of nitrate of soda on soil and on crop growth, and on method of its use as fertilizer, beginning September 1, 1929.

Contracts reported to the Board of Trustees in their meeting of July 17, 1929, as shown in the minutes on pages 267 and 269 respectively:

Name	Amount	Date	Item
Utilities Research Commission	\$7 500	July 6, 1929	Cooperative investigation of the effect of combustion products of gas heating on flue piping and chimneys by Engineering Experiment Station, beginning July 1, 1929.
King & Petry	4 345	July 23, 1929	Sidewalks between Green Street and Springfield Avenue on west side of Burrill Avenue and on east side of Wright Street.

Lease Contracts executed under general regulations:

<i>Leased to</i>	<i>Property</i>	<i>Rental</i>	<i>Date</i>	<i>Tenure</i>
Peter Scholl	Residence at 1207 W. Stoughton St., Urbana	\$45 00 per month	August 13, 1929	August 15, 1929 to August 14, 1930

**PURCHASE ORDERS ISSUED DURING THE MONTH OF JULY
AMOUNTING TO \$1000 OR MORE**

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
Physical Plant	Graybar Electric Company	Lead Covered Cable	\$1 987 50	Competitive
Supervising Architect	Jones and Laughlin Company	Sheet Piling	1 241 38	Competitive
Supervising Architect	Taylor Forge and Pipe Works	Spiral Pipe	2 132 06	Quoted
University Press	George Banta Publishing Company	Printing of Mono-graphs	2 000 00	Contract
Supervising Architect	Belson Manufacturing Company	Electrical Equipment	1 567 03	Competitive ¹
Registrar's Office	W. M. Welch Manufacturing Company	Diplomas	3 119 05	Competitive
Physical Education for Men	F. K. Robeson	Bath Towels	1 260 85	Competitive
Physical Plant	Sherwin Williams Company	Flat Wall Paint	1 200 00	Competitive
Office Supply Store	J. W. Butler Paper Company	Paper and Envelopes	1 200 00	Competitive
Horticulture	American Can Company	Cans	1 461 79	Contract
Physical Plant	Dodge Brothers	Two Dodge Trucks	4 454 60	Quoted

¹Approved by the Board of Trustees, July 17, 1929.

H. M. EDWARDS
Purchasing Agent

**PURCHASE ORDERS ISSUED DURING THE MONTH OF AUGUST
AMOUNTING TO \$1000 OR MORE**

<i>Department</i>	<i>Firm</i>	<i>Description</i>	<i>Amount</i>	<i>Procedure</i>
Animal Husbandry	I. W. Maxwell	Corn	\$1 500 00	Quoted
Physical Plant	Wallace and Tiernan	Chlorinator	1 306 50	Quoted
Physical Plant	Electric Coal Company	Coal	1 746 72	Quoted ¹
Office Supply Store	Moser Paper Company	Paper	2 584 84	Competitive
Supervising Architect	Hughes-Krabbe	Sheraduct Conduit	1 449 00	Competitive ²
Print Shop	Illinois Printing Company	Presswork and Binding	2 926 30	Competitive
School of Music	Cable Piano Company	Grand Piano	2 100 00	Quoted ³
Supervising Architect	Steel Furniture Company	Lecture Room Chairs	1 500 00	Competitive
Physical Plant	Electric Coal Company	Coal	1 440 00	Quoted ¹
Physical Plant	Frank Paxton Lumber Company	Lumber	1 347 00	Competitive
Physical Education for Men	White Line Laundry	Laundrying of Towels for Fiscal Year 1929-30	2 500 00	Quoted
Physical Plant	Crane Company	Pipe	1 072 66	Competitive

¹Arranged by Mr. J. A. Morrow.²Proposals requested by Supervising Architect.³Piano selected by Professor F. B. Stiven.

H. M. EDWARDS
Purchasing Agent

This report was received for record, and the President of the University was requested to consult the Legal Counsel on the matter of authority to make purchases.

LANDSCAPING THE CAMPUS

At this point, Mr. Barr presented a report of the Committee on Buildings and Grounds.

September 18, 1929

Your Committee on Buildings and Grounds presents the attached report of its sub-committee on Landscaping as its report, and recommends that the same be adopted by the Board as the report of this committee.

GEORGE A. BARR
W. L. NOBLE
HELEN M. GRIGSBY
MERLE J. TREES

September 18, 1929

Mr. George A. Barr, Chairman Committee on Buildings and Grounds

Your committee on landscaping of the campus, to which was referred Mr. Vitale's report, believe that his recommendations should be followed as rapidly as financial considerations permit. The plans which he submitted with his report are worked out in great detail with reference to much of the planting, but there are phases of the development for which he should make more detailed studies and planting lists. This applies particularly to the architectural details which are features of the hedge plantings and also the design of the gardens which terminate the east and west axis at the Forestry.

It is very desirable that he should be instructed to proceed with the design of the architectural features involved in the planting around the new South Campus buildings. He has submitted a list of all of the trees required for his entire planting scheme and has also included the hedge plants. The cost of these varies with the size, but of a size which we would probably purchase, the total cost of this planting material is estimated at \$32,500. It would be impossible for us to plant all of this at the present time, even if we had it, but as Mr. Vitale has stressed the importance of purchasing enough planting material so that we will always have a reserve in the nursery to use for expansion and for filling in gaps, it seems best to purchase as much planting material as possible this fall and in the spring.

We have an opportunity to purchase 300 budded American elms, 3 to 3½ inches in size, at \$9.00 each, based upon taking the 300. We also have a quotation on 2,550 Japanese yews, 12 to 18 inches in height, at \$1.50 apiece, and on 500 American hornbeams, 2 to 3 feet in height, at \$48.00 per hundred. Mr. Vitale considers it advisable for us to purchase the elms and yews on the above terms. He has not been advised of the quotation on the American hornbeam, but as this is rather difficult to get, we believe that we ought to make the purchase. We can plant 250 of the elms in accordance with Mr. Vitale's plan, and 50 should be put in the nursery for replacements. We would probably be able to plant most of the yews this fall and in the spring, but the architectural features of the hedge around the Library, Commerce, and Architectural Buildings should be in place before that hedge is planted.

The following is an estimate of the costs of the above phases of the work:

300 elms @ \$9.00, plus \$1.50 each for labor.....	\$3 150 00
2550 yews @ \$1.50, plus 25c each for labor.....	4 495 00
Architectural features in front of the Library, Commerce, and Architectural Buildings.....	2 500 00
	<hr/>
	\$10 145 00

To this will have to be added freight and something for Mr. Vitale's services for further study involved. Of the total \$10,000 included in the budget for drives and planting this year, about \$500 has been spent. The program outlined above will probably exceed the balance by \$1500 or \$2000.

We therefore recommend that the major program this year be planting and that Mr. Vitale be instructed to complete the studies for the architectural features in connection with the terrace planting around the Library, Commerce, and Architectural Buildings, and that the present appropriation be supplemented by an appropriation of \$2000 in order to enable us to take advantage of the rather large purchases of elms and yews which can now be advantageously made, though before purchasing, we may find some other nurseries which can quote prices of interest to us.

A list of all the planting material needed is attached to this report, also a planting list for the 300 elms which it is proposed to plant this fall and in the spring.

Committee on Campus Planting
 MERLE J. TREES
 HELEN M. GRIGSBY

Elms that can be planted now following Vitale plan

- 10 North of Library
- 21 East of Library (west walk)
- 18 East of Commerce (west walk)
- 15 West of Morrow plots (east walk)
- 24 West of New Agr. Bldg. (east walk)
- 24 West of Genetics (east walk)
- 57 Around Stock Pavilion
- 55 Pennsylvania Ave. (Goodwin to Fourth)
- 26 Pennsylvania Ave. (Goodwin to Forestry)
- 38 Goodwin (Nevada to Gregory)
- 8 South of President's House (Mathews to Goodwin)

300 elms
 -50 if east and west walk trees are not replaced with budded elms

Plant List Proposed by Mr. Vitale

<i>Plant Material</i>	<i>To be planted 1929-30</i>	<i>To be planted in nursery</i>	<i>Sum Total</i>	<i>Approximate Cost</i>
Ulmus Americana (American Elm).....	383	355	738	\$6 742 00
Platanus Occidentalis (sycamore).....	82	61	143	286 00
Pinus resinosa (red pine).....	80	24	104	70 00
Carpinus Carolina (American hornbeam)....	326	98	424	1 272 00
Taxus cuspidata (Japanese yew).....	3 526	12 338	15 864	23 796 00
Crataegus cordata (Washington hawthorn) ..	4	106	110	110 00
Malus floribunda (Japanese flowering crab) ..	24	97	121	121 00
Malus arnoldiana (Arnold crab).....	16	83	99	99 00
Malus robusta (crab).....	6	29	35	35 00
<i>Total</i>				\$32 531 00

On motion of Mr. Barr, this report was adopted.

On motion of Mrs. Busey the appropriation of \$2000 from the Reserve and Contingent Fund for landscaping was made by the following vote: Aye, President Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

INVESTMENT OF MCKINLEY FUND

Mr. Trees presented for the Finance Committee a recommendation that six hundred dollars of the McKinley Endowment Fund (Public Utilities) be invested in Fourth Liberty Bonds.

On motion of Dr. Noble, this recommendation was adopted.

OPERATION OF MCKINLEY HOSPITAL

Dr. Noble presented the following report.

September 17, 1929

Board of Trustees, University of Illinois

Your Committee on McKinley Hospital begs to submit the following observations and report:

Physical Properties

Building high-class in every particular. Top floor has capacity of 35 beds; the second floor has a capacity of 20 beds for patients and 8 rooms for nurses; the first

floor has a capacity of 32 beds, making a total capacity at the present time without crowding of 87 beds for patients. The Operating Room is completely furnished with up-to-date and expensive equipment except lighting for night operations.

Patients

The number of patient days treated in the last year were 7210 from July 1, 1928, to June 30, 1929, from which an income was received of \$4.34 per unit. The cost of service to these patients per unit was \$4.99, leaving a deficit per unit of \$.65. Our total deficit for the year was \$4,672.56. When you consider that the Hospital is capable in this period of time of furnishing approximately 26,100 patient days service, the deficit is negligible. As the best means to overcome this deficit, we would urge that an extra effort be made to secure a larger membership to the Hospital Association, and also, urge that a larger number of patients be referred to McKinley Hospital rather than other hospitals in the city, thus utilizing the same overhead and reducing the cost per capita.

Respectfully submitted,

W. L. NOBLE
MARY E. BUSEY
GEORGE A. BARR
Committee

On motion of Dr. Noble, this report was received for record.

PURCHASE OF JONES PROPERTY

Mr. Barr presented the following report from the Committee on Buildings and Grounds:

September 18, 1929

Your Committee on Buildings and Grounds to which was referred the matter of the purchase of the property known as the Jones property on Railroad Street in Urbana, recommends that the recommendation of the Supervising Architect on that subject made at the July Meeting, be concurred in, that an appropriation of \$9000, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for the purchase of said property and that said property be purchased at a price not to exceed \$9000.

GEORGE A. BARR
W. L. NOBLE
HELEN M. GRIGSBY
MERLE J. TREES

On motion of Dr. Noble, this report was adopted.

On motion of Mr. Barr, the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble; no, none; absent, Mr. Emmerston, Mr. Fisher, Mr. Simpson, Mr. Trees.

The Board resumed consideration of matters presented by the President of the University.

REVOLVING FUND IN DENTISTRY

(50) Dean Noyes of the College of Dentistry requests that the proceeds from the extension work in dentistry and the orthodontia course be put into a Revolving Fund for the maintenance of those lines of work.

On motion of Mrs. Evans, this fund was established.

APPOINTMENT OF H. M. EDWARDS AS ACTING COMPTROLLER

(51) At the July Meeting the Board granted a leave of absence until the beginning of the second semester to Comptroller Lloyd Morey and directed me to make the arrangements necessary to care for his work in his absence.

In accordance with my understanding of your action and directions, my recommendations are:

1. That Mr. Morey's leave be sabbatical on half salary.

2. That Mr. H. M. Edwards be made Acting Comptroller until February 1, on Mr. Morey's return; and that he be paid \$100 a month during the term of his additional responsibility, on account of that responsibility, and no longer.

3. That Mr. J. E. Millizen be made Acting Purchasing Agent for the term of Mr. Edward's services as Acting Comptroller, and that he be paid \$50 a month additional salary on account of his additional responsibility for the term of services as such, and no longer.

4. That the President be authorized to approve the employment of such additional help as may be necessary, the expense of the same to be charged to the unused half of Mr. Morey's salary.

On motion of Mr. Barr, these recommendations were adopted.

DEGREES CONFERRED IN AUGUST, 1929

The Secretary presented for record the following list of degrees conferred in August, 1929, at the end of the Summer Session.

GRADUATE SCHOOL

Degree of Master of Arts

In Chemistry

KENNETH LELAND AMSTUTZ, A.B., Miami University, 1928
MAURICE FRY LOUCKS, A.B., Heidelberg College, 1928
DONALD DURAND PEIRCE, A.B., Oberlin College, 1923

In Classics

EDNA BELLE MCKEE, A.B., 1915

In Economics

MYRICK HUGHS SUBLETTE, A.B., Indiana State Normal School, 1921, LL.B., University of Michigan, 1925

In Education

WILLIAM CLARK, A.B., Bradley Polytechnic Institute, 1923, B.S., 1927
JOSEPH CEPHAS FENDER, B.Ed., Eastern Illinois State Teachers' College, 1925
JAMES RAY GRAHAM, A.B., Monmouth College, 1920
WILLIAM ALBERT GREEN, A.B., Eureka College, 1904
WALTER ALLEN KLEHM, A.B., North Central College, 1924
CHESTER LINCOLN MCKIM, B.Ed., Illinois State Normal University, 1925
CLARE DEWITT McMURRY, B.S., Central College, 1917
JOHN WILLIAM EWART SANDS, A.B., North Central College, 1924
JAMES FRANKLIN SHORT, Ph.B., Shurtleff College, 1923
LLOYD RUSSEL SKINNER, A.B., Carthage College, 1921
VIVIAN THOMAS SMITH, A.B., Greenville College, 1916
LEONA BERTHA STOEVENER, A.B., 1923
CLARENCE ADAM WEBER, A.B., Illinois College, 1924
MRS. FRANCES DOUGLASS WILSON, A.B., 1923

In English

KATHERINE BOGARDUS, A.B., Rockford College, 1927
MARY ADELINE HUSSEY, A.B., 1928
SISTER MARY JOSEPHINE RANK, A.B., Trinity College, 1922
AGNES IRENE SMITH, B.S., 1924

In German

MIMI IDA JEHLER, B.E., University of Akron, 1928
ALBERT WALTER ROFKAR, A.B., Miami University, 1925
MRS. EDA GERTRUDE WEST, B.S., 1927

In History

WILLIAM HABBERTON, A.B., DePauw University, 1925

In Library Science

MARY LOIS BULL, B.S., Missouri Teachers' College, 1922, B.S., 1927
HAZEL REA, B.S., Southwestern Missouri State Teachers' College, 1925, B.S., 1927

In Mathematics

JOHN HARVEY BUTCHART, B.S., Eureka College, 1928
 JOHN WESLEY CELL, A.B., 1928
 BARBARA FERN CRABTREE, B.S., 1926
 ELEANOR KINGSLEY, A.B., University of Denver, 1926
 MARY BEN RUMSEY, A.B., Birmingham-Southern College, 1927

In Romance Languages

VELMA LUCILLE HENRY, A.B., 1928
 ROSANNA GRACE WEBSTER, A.B., Monmouth College, 1928
 JOHN RIPLEY YOUNG, A.B., Marshall College, 1927

Degree of Master of Science

In Accountancy

CLARENCE BAILEY COX, B.S., Miami University, 1928

In Botany

FRANCES MARY DUFFY, B.S., 1928

In Chemistry

CHARLES HAROLD FISHER, B.S., Roanoke College, 1928
 RICHARD WALTER FREEMAN, B.S., 1926
 HOWARD CLAIR ESHELMAN, B.S., Knox College, 1928
 CARL EDWARD SCHILZ, A.B., Albion College, 1927
 HOWARD AGNEW SMITH, B.S., 1928

In Education

JESSE FERRIS BEAVER, B.S., 1926
 JULIUS PHILIP BRANDENBURGER, B.Ed., Illinois State Normal University, 1928
 ROSCOE DUTTON EILER, B.S., 1926
 LOUIS KULCINSKI, B.S., 1927

In Mechanical Engineering

JOHN ROBERT CONNELLY, B.S., 1927

In Physics

CHING HSIEN LI, B.S., Soochow University, 1925

In Physiology

LLOYD DONALD SEAGER, A.B., Milton College, 1925

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

ROBERT EDWARD BEDARD	HAROLD MARTIN JENSEN
MARIAN ELIZABETH BLOUGH	DOROTHY MERSHON
MARY CATHERINE CLARKE	JAMES ROBERT MILLER
IRMA INGRID HALLEN	DANIEL CHARLES MULLIGAN, JR.
ROBERT ZACHARIAH HICKMAN, with Honors in History	RUTH EMMA TRIMBLE
CECIL CARLTON HOBBS	EARL WASHINGTON WAX

Degree of Bachelor of Science

In Liberal Arts and Sciences

HARRY JAMES ALVIS

In Chemistry

ALBERT GEORGE SCHMIDT SOL BROWN WICZER
 CHARLES LEE SMITH

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

HAROLD EDISON BRIDGE	GEORGE WILFORD FOSTER, with High
WILLIAM THEODORE CLAPP	Honors
CHARLES LOREN FLETCHER	EARL ROGER MARTIN

In Banking and Finance

CARROLL ERNEST PRATER, with High Honors

In General Business

WILLIAM YOUNG BARBER	RAY EDWIN POLL
FLORENCE PERMINDA HOWELL	HAROLD FRANK SHIPLOCK
EDWIN JOSEPH LEWIS, JR.	RALPH BOWMAN WALKER
CLYDE QUENTIN MORGAN	

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

MILDRED CAROLYN BOPP	ALTHEA LEE MITCHELL
PHILIP BROWNSTEIN	JOSEPHINE MARY OSBORNE
DOROTHY GILES BUSH	RALPH LEWIS PATTERSON
RAYMOND JOSEPH GARDNER	MARGUERITE SEVER
HELEN GERTRUDE HERRIGAN	SARAH JANE SHANK
MARSHALL CORNELL JONES	MARILUISE SLIBECK
MARY VIRGINIA LINDER	ELIZABETH ANN SOMERS
JOHN THOMAS BERNARD MCMAHON	MILDRED LOUISE SWENSON
ETHEL OLIVE MAGNUSON	MARCELLA WASCHER

In Physical Education

CALVIN EVERT LINDLEY

COLLEGE OF LAW

Degree of Bachelor of Laws

JOSEPH LESLIE MOORE	DAVID GURSTELLE MOYER
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LIBRARY SCHOOL

Degree of Bachelor of Science in Library Science

RUTH ELIZABETH BERGMAN, A.B.	MARY ANNA SAUNDERS, with Honors, A.B.
BERNICE LOUISE DUNTEN, B.S.	FRANCES VIRGINIA DONEGHY, A.B.,
GLADYS ESTELLE EVANS, A.B.	with Honors

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented also for record the following list of appointments made by the President of the University:

Ahrens, Erich Andrew, Assistant in Sociology, for ten months beginning September 1, 1929, at a cash compensation of two thousand two hundred dollars (\$2200). (August 28, 1929)¹

Barnes, Mrs. Mildred M., Stenographer in the Department of Horticulture, in the College of Agriculture, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (September 6, 1929)

Boikan, William, Instructor in Pathology and Bacteriology, in the College of Medicine, on one-half time, for four months beginning September 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 11, 1929)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Bowers, Mildred H., Assistant in the Loan Department of the Library, beginning September 9, 1929, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred eight dollars and thirty-three cents (\$108.33) a month. (September 6, 1929)

Boysen, Marie Jeannette, Teacher in the University High School, for ten months beginning September 1, 1929, at a cash compensation of one thousand six hundred dollars (\$1600). (August 5, 1929)

Brown, Virginia C., Assistant in the Loan Department of the Library, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred dollars (\$1300). (August 28, 1929)

Bruhn, Esther, Secretary to the Dean of the College of Liberal Arts and Sciences, for one year beginning September 1, 1929, at a cash compensation of one thousand six hundred dollars (\$1600), this superseding her previous appointment. (July 29, 1929)

Buchheit, J. Robert, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (September 11, 1929)

Burgy, Jacob Herbert, Associate in Geology, for one year beginning September 1, 1929, at a cash compensation of two thousand four hundred dollars (\$2400). (August 9, 1929)

Burrows, S., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-eight dollars and twelve and one-half cents (\$28.12½) a month. (August 28, 1929)

Cavanaugh, Marie, Graduate Stenographer in the Office of the Dean of the College of Commerce, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand five hundred dollars (\$1500). (August 6, 1929)

Chase, Ralph Edward, Assistant in Zoology, for ten months beginning September 1, 1929, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 6, 1929)

Ciriacy-Wantrup, Siegfried von, Assistant in Farm Organization and Management, in the College of Agriculture, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (August 28, 1929)

Clark, Dorothy, Stenographer in the Office of the Dean of the College of Liberal Arts and Sciences, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand three hundred twenty dollars (\$1320), this superseding her previous appointment. (July 29, 1929)

Clifton, Marie, Machine Operator in the Bureau of Business Research, in the College of Commerce, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred dollars (\$900). (August 27, 1929)

Cochrane, Noah C., Property Clerk in the Military Department, for one year beginning August 1, 1929, at a cash compensation of six hundred dollars (\$600). (August 9, 1929)

Coe, Lucy, Stenographer in the College of Agriculture, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (September 12, 1929)

Cohen, Hyman, Instructor in Ophthalmology, in the College of Medicine, for one year beginning September 1, 1929, without salary. (August 28, 1929)

Collins, William Leighton, Assistant in the Department of Theoretical and Applied Mechanics, in the College of Engineering, for ten months beginning September 1, 1929, at a cash compensation of one thousand nine hundred dollars (\$1900). (September 6, 1929)

Dismukes, Jack Bernard, Assistant in Physiology, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, on one-half time, for eight months beginning October 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 11, 1929)

Dolan, Thomas James, Assistant in Theoretical and Applied Mechanics, in the College of Engineering, for ten months beginning September 1, 1929, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 6, 1929)

Doty, Lorenzo Donald, Instructor in the Department of General Engineering Drawing, in the College of Engineering, for ten months beginning September 1, 1929, at a cash compensation of two thousand one hundred dollars (\$2100). (September 6, 1929)

Dyson, Agness, Stenographer in the Department of Animal Husbandry, in the Agricultural Experiment Station, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (September 3, 1929)

Ernsting, Anna Dorothea, Instructor in Dietetics, in the Department of Home Economics, in the College of Agriculture, for ten months beginning September 1, 1929, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 12, 1929)

Fast, Emery, Assistant in Political Science, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (August 29, 1929)²

Favara, John Boyd, Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1929, at a cash compensation of one thousand dollars (\$1000). (August 13, 1929)

Ferrall, Sarah C., Laboratory Assistant in the Department of Psychology, on one-third time, for ten months beginning September 1, 1929, at a cash compensation of four hundred dollars (\$400). (August 9, 1929)

Fields, Florence Gertrude Lee, Assistant in Zoology, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (August 29, 1929)

Fillingham, Judith, Assistant in Zoology, on one-fourth time, for ten months beginning September 1, 1929, at a cash compensation of three hundred dollars (\$300). (September 6, 1929)

Fisch, M. E., Assistant in Anatomy, in the College of Medicine, on one-half time, for one year beginning September 1, 1929, at a cash compensation of five hundred dollars (\$500). (August 28, 1929)

Fitch, Horatio May, Instructor in General Engineering Drawing, in the College of Engineering, for ten months beginning September 1, 1929, at a cash compensation of two thousand one hundred dollars (\$2100). (September 11, 1929)

Flage, Alvin Harold, Assistant in German, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (September 12, 1929)

Fraps, Mary Brandon, Cataloger in the Library, beginning September 5, 1929, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twelve dollars and fifty cents (\$112.50) a month. (September 6, 1929)

Gasser, John, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (August 28, 1929)

Gifford, Wright Daniel, Assistant in Soil Biology, in the Department of Agronomy, in the College of Agriculture, for one year beginning September 1, 1929, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 6, 1929)

Green, Charles F., Assistant Professor of Mathematics, for one year beginning September 1, 1929, at a cash compensation of three thousand dollars (\$3000), this superseding his previous appointment. (August 28, 1929)

Griffith, Esther M., Assistant in Chemistry, on one-fourth time, for ten months beginning September 1, 1929, at a cash compensation of three hundred fifty dollars (\$350). (August 27, 1929)

Guthrie, Edna Mae Walters, Editorial Assistant in the Agricultural Experiment Station, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 27, 1929)

²Appointment cancelled at the direction of Dean K. C. Babcock on September 7, 1929.

Hamm, Ray R., Manager of the Photographic and Blueprinting Laboratory, beginning August 1, 1929, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of two hundred eight dollars and thirty-three cents (\$208.33) a month. (July 30, 1929)

Heermann, Louise B., Dispensary Clerk in the College of Medicine, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand twenty dollars (\$1020). (September 6, 1929)

Hensley, Martha Louella, District Junior Club Leader in the Department of Home Economics, in the Agricultural Extension Service, for one year beginning September 1, 1929, at a cash compensation of three thousand one hundred dollars (\$3100). (September 6, 1929)

Hillebrand, John G., Assistant in Obstetrics and Gynecology, in the College of Medicine, for one year beginning September 1, 1929, without salary. (September 11, 1929)

Jacobson, J. R., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of eighteen dollars and seventy-five cents (\$18.75) a month. (August 28, 1929)

James, William Arthur, Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, for one year beginning September 1, 1929, at a cash compensation of one thousand dollars (\$1000). (August 13, 1929)

Joranson, Y., Associate in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (August 28, 1929)

Kaeiser, William Henry, Animal Keeper in the Animal Hospital, in the College of Medicine, on one-half time, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of six hundred ninety dollars (\$690). (September 6, 1929)

Kearns, J., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for four months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (August 28, 1929)

Kile, Mary Helen, Assistant in the Children's Clinic, in the College of Dentistry, beginning September 16, 1929, and continuing until August 31, 1930, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month.

Lamar, Mrs. Evelyn Colburn, Instructor in Nutrition, in the Department of Home Economics, in the College of Agriculture, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of one thousand dollars (\$1000). (August 9, 1929)

Lang, Gaines Barrett, Assistant in Mathematics, on two-thirds time, for ten months beginning September 1, 1929, at a cash compensation of one thousand dollars (\$1000). (August 27, 1929)

Laughner, Frances Marguerite, Secretary in the Office of the High School Visitor, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred forty dollars (\$1440). (September 3, 1929)

Levinson, S. A., Hospital Pathologist and Director of the Hospital Laboratory, in the College of Medicine, on three-fourths time, for one year beginning September 1, 1929, at a cash compensation of two thousand seven hundred dollars (\$2700). (August 6, 1929)

Loebs, E. M., Instructor in the Department of Civil Engineering, in the College of Engineering, for ten months beginning September 1, 1929, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 13, 1929)

McRoberts, Edith Starr, Assistant in the Order Department of the Library, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred dollars (\$1400). (August 13, 1929)

Madden, E., Assistant in Anatomy, in the College of Medicine, for eight months beginning October 1, 1929, on one-fourth time the first four months, and on one-half time the second four months, at a cash compensation at the rate of thirty-seven dollars and fifty cents (\$37.50) a month. (August 28, 1929)

March, F. A., Supply Officer in the Military Department, for one year beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (August 9, 1929)

Martin, Marian H., Chief Clerk in the Office of the Dean of the College of Liberal Arts and Sciences, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred dollars (\$1400). (July 29, 1929)

Metzler, Geneva M., Stenographer in the Registrar's Office, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (September 3, 1929)

Morris, Lewis C., Instructor in Pathology and Bacteriology, in the College of Medicine, on one-half time, for one year beginning September 1, 1929, at a cash compensation of one thousand two hundred dollars (\$1200). (September 11, 1929)

Munro, H. E., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (September 4, 1929)

Murphy, Lionel Vincent, Assistant in Political Science, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (September 5, 1929)

Nagle, Sybil Kathryn, Junior Stenographer in the Office of the Supervising Architect, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand four hundred forty dollars (\$1440), this superseding her previous appointment. (August 28, 1929)

Nakamura, Frank Isa, Assistant in Animal Husbandry, in the Agricultural Experiment Station, on one-half time, beginning September 18, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 12, 1929)

Nedzel, A. J., Instructor in Bacteriology, in the Department of Pathology and Bacteriology, in the College of Medicine, on one-half time, for one year beginning September 1, 1929, at a cash compensation of one thousand two hundred dollars (\$1200). (September 11, 1929)

Nelson, Hazel M., Dispensary Nurse in the College of Medicine, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 28, 1929)

Newton, Charlotte, Instructor in the Library School, for ten months beginning September 1, 1929, at a cash compensation of two thousand one hundred dollars (\$2100). (August 27, 1929)

Nowell, Reynolds I., Assistant in Farm Organization and Management, in the Agricultural Experiment Station, for one year beginning September 1, 1929, at a cash compensation of one thousand four hundred dollars (\$1400). (September 13, 1929)

Odell, Louise Ethylene, Stenographer in the Department of Animal Husbandry, in the College of Agriculture, and in the Agricultural Experiment Station, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eighty dollars (\$1080). (August 28, 1929)

Oliver, William Albert, Instructor in the Department of Civil Engineering, in the College of Engineering, for ten months beginning September 1, 1929, at a cash compensation of two thousand four hundred dollars (\$2400). (September 6, 1929)

Patterson, Nina V., Clerk in the Department of Botany, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand eighty dollars (\$1080). (September 14, 1929)

Pence, Dwight, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-one dollars and eighty-seven and one-half cents (\$21.87½) a month. (August 28, 1929)

Peterson, Earl Herman, Assistant in English, for ten months beginning September 1, 1929, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 1, 1929)

Pilka, H. J., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-eight dollars and twelve and one-half cents (\$28.12½) a month. (August 28, 1929)

Pinsenshaum, Adam, Storekeeper in the Military Department, for one year beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (August 9, 1929)

Potts, Mrs. Mildred, Record Clerk in the Registrar's Office, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960), this superseding her previous appointment. (September 12, 1929)

Powell, Frank Elizabeth, Hospital Bacteriologist in the Hospital Laboratory, in the College of Medicine, beginning August 15, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (September 3, 1929)

Reuss, Mrs. Florence M., Teacher in the University High School, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of seven hundred dollars (\$700). (September 6, 1929)

Rose, Miriam Jean, Cataloger in the Library, beginning September 5, 1929, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six cents (\$116.66) a month. (September 6, 1929)

Rowland, John Judson, Associate in Landscape Architecture, in the Department of Horticulture, in the College of Agriculture, for one year beginning September 1, 1929, at a cash compensation of two thousand five hundred dollars (\$2500). (August 9, 1929)

Sadler, Elizabeth Paulena, Stenographer in the Registrar's Office, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred sixty dollars (\$960). (August 5, 1929)

Shoskey, Clement V., Instructor in Operative Dentistry, on one-half time, for one year beginning September 1, 1929, at a cash compensation of one thousand dollars (\$1000). (August 9, 1929)

Singh, A. D., Special Research Assistant in Chemistry, on one-half time, for one year beginning September 1, 1929, at a cash compensation of seven hundred fifty dollars (\$750). (September 12, 1929)

Skemp, Harriet Iler, Assistant and Resident in the Department of Obstetrics and Gynecology, in the College of Medicine, for one year beginning September 1, 1929, at a cash compensation of one thousand dollars (\$1000). (September 11, 1929)

Sloan, Hubert J., Instructor in Poultry, in the Department of Animal Husbandry, in the College of Agriculture, and First Assistant in Poultry, in the Agricultural Experiment Station, beginning October 1, 1929, and continuing until August 31, 1930, at a cash compensation at the rate of two hundred sixteen dollars and sixty-six cents (\$216.66) a month. (August 10, 1929)

Smith, Annabel Lucile, Assistant in the Loan Department of the Library, on three-fourths time, for one year beginning September 1, 1929, at a cash compensation of nine hundred dollars (\$900). (August 27, 1929)

Smith, H. A., Special Research Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of eight hundred dollars (\$800). (September 12, 1929)

Smith, Laurence Lewis, Instructor in the Department of Electrical Engineering, in the College of Engineering, for ten months beginning September 1, 1929, at a cash compensation of two thousand dollars (\$2000). (September 6, 1929)

Sperry, Theodore Melrose, Assistant in Botany, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (August 27, 1929)

Stearns, A., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (August 28, 1929)

Stearns, H. A., Assistant in Chemistry, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (September 6, 1929)

Stein, Emil J., Instructor in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of fifty dollars (\$50) a month. (August 28, 1929)

Stephens, Virgil R., Associate in Surgery, in the College of Medicine, for eleven months beginning October 1, 1929, without salary. (September 11, 1929)

Stott, Leland H., Assistant in Psychology, on two-thirds time, for ten months beginning September 1, 1929, at a cash compensation of nine hundred dollars (\$900). (August 9, 1929)

Suppiger, Edward W., Assistant in the Department of Theoretical and Applied Mechanics, in the College of Engineering, for ten months beginning September 1, 1929,

at a cash compensation of one thousand nine hundred dollars (\$1900). (September 6, 1929)

Symons, Virginia Thompson, Junior Stenographer in the Office of the Supervising Architect, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand two hundred dollars (\$1200), this superseding her previous appointment. (August 5, 1929)

Teeters, Esther F., Assistant in Pediatrics, in the College of Medicine, for one year beginning September 1, 1929, at a cash compensation of one thousand five hundred dollars (\$1500). (September 11, 1929)

Thompson, Clayton R., Assistant in Business Organization and Operation, in the College of Commerce, for ten months beginning September 1, 1929, at a cash compensation of one thousand five hundred dollars (\$1500). (August 1, 1929)

Timmons, Benjamin Finley, Instructor in Sociology, for ten months beginning September 1, 1929, at a cash compensation of two thousand seven hundred dollars (\$2700). (August 13, 1929)

Tingley, Freeman Thayer, Associate in the Department of Electrical Engineering, in the College of Engineering, for one year beginning September 1, 1929, at a cash compensation of two thousand six hundred dollars (\$2600). (September 6, 1929)

Treleven, Marion, Instructor in Voice, in the School of Music, for ten months beginning September 1, 1929, at a cash compensation of two thousand three hundred dollars (\$2300). (September 6, 1929)

Trenchard, Mary, Clerk in the Office of the Dean of the College of Commerce and Business Administration, for one year beginning September 1, 1929, at a cash compensation of one thousand four hundred dollars (\$1400). (August 6, 1929)

Vacin, Milo, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (September 11, 1929)

VanBuskirk, William Lynford, Assistant in Psychology, for ten months beginning September 1, 1929, at a cash compensation of one thousand eight hundred dollars (\$1800). (August 13, 1929)

Wait, Helen Cordelia, Junior Club Specialist in the Department of Home Economics, in the Agricultural Extension Service, for one year beginning September 1, 1929, at a cash compensation of one thousand four hundred forty dollars (\$1440). (August 13, 1929)

Walker, Mrs. Ramona L., Bookkeeper in the Alumni Records Office, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission at a cash compensation of one thousand two hundred dollars (\$1200). (September 12, 1929)

Welsh, John Wallace, Jr., Assistant in Physiology, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, on one-half time, for eight months beginning October 1, 1929, at a cash compensation at the rate of sixty-two dollars and fifty cents (\$62.50) a month. (September 12, 1929)

White, A. R., Assistant in Anatomy, in the College of Medicine, on one-half time, for eight months beginning October 1, 1929, at a cash compensation at the rate of sixty-eight dollars and seventy-five cents (\$68.75) a month. (August 28, 1929)

Wolf, Samuel, Instructor in Ophthalmology, in the College of Medicine, for one year beginning September 1, 1929, without salary. (August 28, 1929)

Wooddell, John Frank, Superintendent of the Foundry Laboratory, in the Department of Mechanical Engineering, in the College of Engineering, for one year beginning September 1, 1929, at a cash compensation of three thousand dollars (\$3000). (September 11, 1929)

Wupper, Arthur, Architectural Draftsman in the Office of the Supervising Architect, for eleven months beginning October 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of two hundred thirty-eight dollars and thirty-three cents (\$238.33) a month. (September 12, 1929)

On motion of Mr. Barr, the Board adjourned, to meet on Thursday, October 10, 1929, at 9:30 a.m., at the Blackstone Hotel, in Chicago.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

October 10, 1929



The October meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Thursday, October 10, 1929.

When the Board convened, the following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees.

President Kinley was present; also, during part of the day, Professor J. M. White, Supervising Architect, and Mr. H. M. Edwards, Acting Comptroller.

APPROVAL OF MINUTES DEFERRED

On motion of Mrs. Busey, the approval of the minutes of the meeting of September 18, 1929, was deferred until the minutes are printed.

EXECUTIVE COMMITTEE MEETING, SEPTEMBER 30, 1929

The Secretary presented the minutes of a meeting of the Executive Committee, as given below.

On motion of Mr. Trees, these minutes were received for record.

A meeting of the Executive Committee was held in the office of Mr. Merle J. Trees, in Chicago, at 9 o'clock a.m. on Monday, September 30, 1929. Mr. James W. Armstrong, chairman, Mrs. Helen M. Grigsby, Mr. Merle J. Trees, and President David Kinley were present.

The Executive Committee considered the following matters presented by the President of the University.

ADDITIONAL PROVISIONS FOR THE COLLEGE OF MEDICINE

(1) For the past few years the number of students seeking admission to the College of Medicine whose credentials were entirely satisfactory has been beyond the capacity of the College. A large number who seek admission are rejected, of course, because they cannot meet the educational requirements. The excess to which I have reference is composed entirely of people who have met our requirements. About 175 of these were on our waiting list the other day and some of them have been on that waiting list for a year. This situation has been very distressing to me and of course to the applicants and their friends, and I have frequently cast about for some way of easing the situation temporarily until our proposed new buildings are up.

The entrance requirements of the College of Dentistry have been raised to include two years of college work. As usual when the requirements are increased, prospective attendance in the College of Dentistry has largely fallen off. This will doubtless be the case for a year or two until those desiring admission have prepared themselves to meet the additional requirements. I have conferred with the Dean of the College of Medicine, the Heads of the Departments especially involved, and with Professor White, Supervising Architect, concerning the utilization of the space hitherto thus occupied for the use of medical students during the coming year. We are all agreed that by adding somewhat to our staff and equipment and making some changes in the physical plant, a considerable number of those on our waiting list can be accommodated. It is our opinion that these temporary provisions will carry us through until the time of the completion of our new buildings. Therefore, I beg leave to make the following recommendations:

1. That authority be given the President of the University to add to the staff in physiological chemistry to the extent of one or more individuals at a salary or salaries not exceeding \$3,000 for the current academic year and that an appropriation of that amount be made for this purpose.

On motion of Mr. Trees, this recommendation was approved. The appropriation was made by the following vote: Aye, Mr. Armstrong, Mrs. Grigsby, Mr. Trees.

2. That the sum of \$1,000 be appropriated for desk equipment and materials made necessary by the proposed addition to the student body.

On motion of Mrs. Grigsby, this recommendation was adopted. The appropriation was made by the following vote: Aye, Mr. Armstrong, Mrs. Grigsby, Mr. Trees.

3. That authority be given the President of the University to add to the staff of the Department of Anatomy to the extent of one or more individuals at a salary or salaries not exceeding \$1,600 for the current year and that an appropriation of that amount be made for this purpose.

On motion of Mr. Trees, this authority was granted. The appropriation was made by the following vote: Aye, Mr. Armstrong, Mrs. Grigsby, Mr. Trees.

4. That an appropriation of \$500 be made to the expense budget of the Department of Anatomy for wages for additional assistants and for the purpose of securing additional cadavers.

The Supervising Architect informs me that he can provide from money already appropriated for physical plant extension for the necessary changes of desks, putting floors in proper condition and similar matters.

We shall probably find it necessary to make further provision in the second semester.

On motion of Mrs. Grigsby, this recommendation was approved. The appropriation was made by the following vote: Aye, Mr. Armstrong, Mrs. Grigsby, Mr. Trees.

LEAVE OF ABSENCE FOR MISS McCULLOUGH

(2) A recommendation that Miss Helen E. McCullough, Associate in Home Economics, be granted leave of absence without pay, on account of illness, until January 31, 1930.

On motion of Mrs. Grigsby, this leave was granted.

APPOINTMENT OF MRS. MARY WERTS BEAM

(3) A recommendation that Mrs. Mary Werts Beam be appointed Assistant in Textiles, on full time, from October 1, 1929, to January 31, 1930, with salary at the rate of \$133.33 a month.

On motion of Mr. Trees, this appointment was made.

The Executive Committee adjourned.

H. E. CUNNINGHAM
Clerk

J. W. ARMSTRONG
MERLE J. TREES
HELEN M. GRIGSBY

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

DEATH BENEFIT—PROFESSOR G. A. GOODENOUGH

(1) A request from the Acting Comptroller for an appropriation of \$3,000 to pay the death benefit in the case of Professor G. A. Goodenough who died on September 29, 1929. This is payable to his beneficiary, Mrs. Goodenough. I recommend that this appropriation be made from the Reserve and Contingent Fund and that the Acting Comptroller be authorized to make the payment.

On motion of Mrs. Evans, these recommendations were adopted, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Dr. Noble.

METHODS OF MAKING PURCHASES

(2) A request that for the information of the Board Mr. H. M. Edwards, Purchasing Agent and Acting Comptroller, be heard concerning the methods followed in making purchases for the University.

This request was granted. Mr. Edwards made a statement outlining the procedure followed. Professor White also made a statement.

While Mr. Edwards was making his statement, Dr. Noble took his place with the Board.

PLANS FOR PAVING

(3) A request that Professor White be heard concerning plans for improving the paving of streets bordering on the campus.

Professor White made a statement giving his views. No action was taken on this matter.

APPROPRIATION FOR PRINT SHOP

(4) A request from the Director of the University Press for an appropriation of \$800 from the Reserve and Contingent Fund for constructing tables and shelving, installing lights, wiring, and moving machinery and equipment in the Print Shop due to the additional space allowed them from changes in the basement of the Administration Building which were authorized by the Board at the July Meeting.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

REVOLVING FUND IN DENTISTRY

(5) At the meeting of September 18, I presented a request from Dean Noyes of the College of Dentistry that the proceeds of the extension work in Dentistry and the Orthodontia course be put into a revolving fund for the maintenance of those lines of work.

As you are aware, the creation of a revolving fund, according to the accountants, means that the receipts from the operations of the activities concerned go into a separate fund and are used to meet the expenditures of that activity alone. Expenditures must correspond with receipts and cannot exceed the total amount thereof. Inasmuch as no one can anticipate what the amount of the receipts will be and inasmuch as the expenditures expand with the receipts, an appropriation of a definite sum is impossible and in no business house that I know anything about is any further action taken than to appropriate the receipts from the particular revolving fund to the purpose of such fund. You authorized the establishment of this fund requested by Dean Noyes. Inasmuch as the question of making an appropriation was raised at that time, in order to make the records technically complete, I now recommend that you appropriate the proceeds of the revolving funds in extension and orthodontia courses in Dentistry, when they begin to come in, to the purposes of these courses, the limitation being that under no circumstances shall the amount of receipts be exceeded by the expenditures.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

ADDITIONAL ASSISTANTS IN PHYSICS

(6) A request from Professor F. W. Loomis, Head of the Department of Physics, concurred in by Assistant Dean Jordan of the College of Engineering, acting for the dean, for an appropriation of \$1250 to provide for the salaries of four one-quarter-time assistants (being equivalent to one full-time assistant) for the Department.

Since this was an emergency matter, I authorized the addition of this amount to the budget and approved the appointment of the necessary additional assistants. I request confirmation of my action in the matter.

On motion of Mrs. Grigsby, the action of the President was confirmed. The appropriation from the Reserve and Contingent Fund was made by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

PROMOTION OF MISS VIRGINIA H. WEAVER

(7) Miss Virginia H. Weaver, Associate in the Department of Home Economics, is not satisfied with her reappointment as Associate at a salary of \$2800 and asked me for a review of her case.

After conference with the Dean, the Acting Head of the Department, and others, I desire to recommend that she be given the rank of Assistant Professor without change of salary.

On motion of Mrs. Evans, this recommendation was adopted.

SALARY OF HAROLD D. TRIMBLE, ASSISTANT HIGH SCHOOL VISITOR

(8) When the budget was made up, Professor Clevenger, High School Visitor, recommended that the salary of Mr. Trimble be made \$4,000, instead of \$3,600 as it was. I would have concurred in the recommendation and advised the increase but for the fact that at about this time certain rumors came to me concerning the methods of inspection followed by Mr. Trimble. For that reason I held the matter up. Since that time I have thoroughly investigated the whole case and am of the opinion that there was no sufficient ground for the criticisms made and that the attack on Mr. Trimble was unjustified. For that reason I now request that his salary be made \$4,000 for the current academic year, effective as of September 1, last.

On motion of Mr. Trees, this recommendation was adopted, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

RESIGNATION OF PROFESSOR T. E. LAYNG

(9) Dr. T. E. Layng, Assistant Professor of Chemistry, has resigned his position, effective October 1, 1929, in order to accept a position in one of the chemical industries.

This report was received for record.

RESIGNATION OF MR. G. A. MILLS

(10) Mr. G. A. Mills, Assistant to the Comptroller, has resigned his position effective October 18.

This report was received for record.

LEAVE OF ABSENCE FOR PROFESSOR L. M. LARSON

(11) Professor L. M. Larson, Head of the Department of History, has been seriously ill for the last two or three weeks and it seems certain that he will not be able to return to his duties this semester. Dean Babcock recommends that he be given sick leave until February 1 on full pay.

On motion of Mrs. Grigsby, this leave was granted.

SICK LEAVE FOR MARY L. BLACKWELL

(12) A recommendation from Dean Babcock that Miss Mary L. Blackwell, clerk in the Department of Chemistry, be given sick leave without pay from September 16 to December 1, 1929.

On motion of Mrs. Busey, this leave was granted.

EXHIBITION OF PAINTING AND SCULPTURE

(13) A recommendation from Professor E. J. Lake, Head of the Department of Art and Design, endorsed by the members of a Committee on Art Collections in Charge of the Purchase of Works of Art, for authority to arrange for an exhibition of painting and sculpture by the Grand Central Galleries of New York to be held in the Architectural Building from October 19 to November 4. The cost of this exhibition will be between \$400 and \$800, depending on the number of sales which result from the exhibition. I recommend approval, the cost of the exhibition to be charged to the appropriation for the purchase of objects of art.

On motion of Mrs. Grigsby, this recommendation was approved.

NAMING OF STREETS AND BUILDINGS

(14) A considerable confusion is already beginning to arise in the naming of streets and walks on and around the campus under our control and also in connection with our buildings. From time to time the wish is expressed by sundry people that a definite policy be formulated for naming both buildings and streets. For example, we hear talk about East Walk and West Walk, South Drive and North Drive, and various other names of informal character. Since the portion of Burrill Avenue south of University Hall has been cemented a practice has grown up of naming it the Broad Walk. It seems to me unfortunate that there should be any likelihood of the passing of the name of Burrill Avenue for all parts of this walk. That name should apply from its beginning at Springfield Avenue clear down to the road in front of the cemetery. Unless something is done, practice will establish some names that will not be favored by your Board. I think this matter might be referred to a special committee or else to the Buildings and Grounds Committee, as you think best, for report at a relatively early meeting.

On motion of Mr. Barr, this matter was referred to a special committee of three members of the Board, to be appointed by President Armstrong, for investigation and report at the next meeting of the Board. President Armstrong appointed Mr. Barr, Mrs. Busey, and Mrs. Evans to serve on this committee.

SIGNATURES OF PRESIDENT AND SECRETARY OF THE BOARD

(15) A request from Mr. H. M. Edwards, Acting Comptroller, for instructions as to whether his appointment as Acting Comptroller carries with it the authority to sign the names of the President and the Secretary of the Board of Trustees, in accordance with the action of the Board of Trustees on March 12, 1929.

On motion of Dr. Noble it was voted that in the opinion of the Board the authorization of March 12, 1929, applies to the Acting Comptroller during the time the Comptroller is on his leave of absence granted by the Board.

ENTRY OF APPEARANCE IN THE PROBATE OF THE WILL OF MARGARET MCCARTNEY

(16) A notice from the Chicago Title and Trust Company that the will of Margaret McCartney, deceased, a former resident of Oak Park, has named the University of Illinois as a contingent beneficiary. Under the terms of the will the residuary estate of a present value of \$15,000 or \$20,000 is bequeathed to the Chicago Title and Trust Company, the income to be paid to certain persons during their lives and on the death of the last survivor the principal and accumulated income to be turned over to the Foundlings Home of Chicago and the Illinois Children's Home and Aid Society. The will provides that if these organizations are not in existence, or if there be no non-sectarian institution organized for the same purpose to which the fund can be paid, the Trustee shall pay it to the University of Illinois.

The Chicago Title and Trust Company submitted a form of appearance with the request that it be executed by the Board of Trustees. President Armstrong signed it for the Board.

On motion of Mr. Fisher, the action of the President of the Board in this matter was confirmed.

CLAIM OF CORNELIUS E. O'DONNELL FOR REFUND OF FEES ON ACCOUNT OF MILITARY SCHOLARSHIP

(17) A request from Mr. C. E. O'Donnell, a senior in the University, for a remission of the matriculation and incidental fees paid by him during his first three years in the University. This request is filed in connection with his application for a military scholarship to be effective beginning the year he entered the University, since he was eligible to receive one at that time but failed, through ignorance of his rights, to apply.

The Legal Counsel advises that Mr. O'Donnell is clearly entitled to the scholarship under the law and to a refund of the fees paid by him.

On motion of Mr. Simpson, this refund was authorized.

MILK DEALERS' ASSOCIATION'S RESEARCH ASSISTANTSHIP IN DAIRY HUSBANDRY

(18) The Board has accepted an offer of the International Association of Milk Dealers to establish a two-year Special Research Assistantship in Dairy Husbandry for the study of factors affecting the marketability of fluid milk. (Minutes, July 7, 1929, page 268). The customary agreement was drawn up for this investigation. This agreement includes the following statement:

"It is agreed by the International Association of Milk Dealers, 228 North LaSalle Street, Chicago, Illinois, that they will not under any circumstances use the name of the University of Illinois in any advertisement, whether with reference to the cooperative agreement or any other matter."

The Head of the Department of Dairy Husbandry raised the following question with reference to this paragraph:

"A question has been raised regarding the meaning of this paragraph. Is it the intent of this ruling to prevent the use of a reference to a bulletin or article which might be published by some division of the University, in any advertising material? As an example, the Milk Council of Chicago published an advertisement a short time ago in which they made reference to certain facts as published in Bulletin No. 318, of the Agricultural Experiment Station, University of Illinois. If the International Association of Milk Dealers should sign an agreement containing the paragraph under question, they would according to their contract be giving up certain privileges which others, not under contract, could enjoy."

I replied as follows:

"When the University has published the results of a piece of research in circular form or bulletin or article, the publication having been duly authorized, it is open to any writer on the subject of the bulletin to refer to or quote from the bulletin, giving proper credit. The purpose of the paragraph referred to in your letter is to prevent any firm or individual from putting forth an advertisement of the ordinary kind and saying, for example, that this is endorsed by the University of Illinois, or, we have had experiments conducted by the University of Illinois, or any other phrase indicating that the University has approved, endorsed, or in any way given countenance to the specific action or the merits of specific articles of particular companies. Whether the advertisement published sometime ago by the Milk Council of Chicago violates this rule or not, I cannot say without seeing it. The whole purpose of the provision is to prevent individuals and corporations from using the name of the University to promote their special interests."

The Association now asks whether the above statement, as made in my letter, can be made a part of the Articles of Agreement, or attached as a rider thereto, so that it can be identified as a part of the contract.

On motion of Mr. Barr, the statement of the President of the University was accepted, to be attached as a rider to the contract.

PURCHASE OF BONDS OF THE COLLEGE OF PHYSICIANS AND SURGEONS

(19) A report from the Acting Comptroller, Mr. H. M. Edwards, that in accordance with the authorization of the Board at its meeting on September 18 he has completed the purchase of \$1500 of the Bonds of the College of Physicians and Surgeons at a price of \$96 and accrued interest, and recommends that these bonds be canceled and retired. I concur.

On motion of Mrs. Evans, this recommendation was adopted.

REPORT ON PROPOSED ASSESSMENT FOR SYSTEM OF SEWERAGE IN CHICAGO

(20) A report from the Legal Counsel that in accordance with the action of the Board at its meeting on September 18, he has taken up with the Superintendent of Special Assessments in Chicago the matter of the proposed assessment on the University's property on the West Side to determine whether the assessment is fair and just. The Superintendent advises that the method used in calculating the assessment on the University's property is the same as that used in determining the assessment for all other properties in the district. The statement of the Superintendent does not necessarily show that the assessment is just, although it may show that it is not discriminatory.

On motion of Mr. Barr, this matter was referred to the President of the University for such further action as may seem advisable.

REPORT ON BRONZE TABLET IN A. E. F. MEMORIAL BUILDING

(21) An opinion from the Attorney General of Illinois holding that the Board of Trustees has no power to appropriate public funds for a bronze tablet to be installed in the American Expeditionary Forces Memorial building in Paris in memory of the alumni and students of the University who served in the World War, as proposed in the letter of Colonel Francis E. Drake, President of the "American Legion Building, Paris," which was presented to the Board at its September meeting.

This report was received for record.

REPORT OF CONTRACTS AND PURCHASE ORDERS

(22) A report from the Acting Comptroller of contracts and purchase orders executed since the last report:

**CONTRACTS EXECUTED BY THE ACTING COMPTROLLER
SEPTEMBER 12, 1929, TO OCTOBER 3, 1929**

Cooperative research agreement executed on special authorization of the Board of Trustees at meeting of September 18, 1929:

Name	Amount to be Received by University	Date	Purpose
Institute of American Meat Packers	\$3 500	September 21, 1929	For a cooperative investigation of the growth of and toxin formation by Clostridium Botulinum in certain canned meat products by Bacteriological Laboratories.

Minor contracts executed under general regulations:

Name	Amount	Date	Item
Klein Watson Company	\$804	September 10, 1929	Acousti Celotex to be installed in new Library.

Lease executed under general regulations:

Leased to	Property	Rental	Date	Tenure
E. A. Moore	Dwelling known as Sherwood House south of Military Stables	\$20 per month	September 23, 1929	One year from November 1, 1929

**PURCHASE ORDERS ISSUED IN SEPTEMBER
AMOUNTING TO \$1000 OR MORE**

Vendor	Item	Amount	Department	Charged to Appropriation for	Procedure
Cable Piano Company	Practice Pianos	\$1 515 00	School of Music	School of Music Special Equipment	Quoted
D. H. Lloyd	Practice Pianos	1 135 00	School of Music	School of Music Special Equipment	Quoted
Bell and Zoller Coal Company	Coal	2 400 00	Physical Plant	Storage Coal	Quoted
Citizens State Bank, Assignee	Lambs	1 232 77	Animal Husbandry	Animal Husbandry Sheep Station	Quoted

J. E. MILLIZEN
Acting Purchasing Agent

This report was received for record.

PRIVILEGES OF RETIRED MEMBERS OF THE ACADEMIC STAFF

(23) Recommendations concerning privileges of retired members of

1. Members of the teaching and research staffs who have been retired shall be entitled to the privileges of the floor at all meetings of their faculties and of the University Senate, if they were members of the Senate before retirement, but shall not be entitled to vote.

On motion of Mrs. Evans, this recommendation was adopted.

2. If a member of the staff under retirement is provided with research assistance, he shall, at the end of each academic year, not later than June 1, make a report in at least general terms directly to the President, of the work he has been doing with this research assistance during the year. In no case may a research assistant be granted to a retired member of the staff for a longer period than one year at a time, and such assistant may be continued only if the annual report of work shows progress or promise.

On motion of Mr. Trees, this recommendation was adopted.

3. With the approval of the department head and dean of the Graduate School, and of the President, a retired member of the faculty may offer conferences with advanced students in his line of work if said member had offered graduate courses before his retirement.

On motion of Mr. Barr, this recommendation was adopted.

REINVESTMENT OF MCKINLEY PROFESSORSHIP FUNDS

(24) A report from the Acting Comptroller that in accordance with the authorization of the Board at its meeting on September 18 he has purchased one Fourth Liberty Loan bond of the par value of \$600 at $98\frac{1}{2}$, the net total cost being \$590.63,

as an investment of part of the endowment funds of the McKinley Professorship of the Economics of Public Utilities.

This report was received for record.

At this point, Mr. Fisher withdrew.

PURCHASE OF GASOLINE CRANE

(25) A letter from the Acting Comptroller:

URBANA, ILLINOIS
October 10, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

Following are quotations received on a Gasoline Operated Crane for use in the handling of coal:

		<i>F.O.B.</i>
Link Belt Company.....	\$10 360	Chicago
American Hoist & Derrick Co.....	9 790	St. Paul, Minn.
H. D. Conkey & Company.....	8 175	Mendota, Ill.
Bucyrus Erie Company.....	9 935	Erie, Pa.
Marion Steam Shovel Company.....	10 685	Marion, O.
Osgood Company.....	11 705	Marion, O.
Ohio Power Shovel Company.....	13 175	Lima, O.
Industrial Brown Hoist Company.....	12 530	Cleveland, O.

Mr. J. A. Morrow, Superintendent of Buildings, has made careful inquiry concerning the equipment which each bidder proposed to furnish. He has seen the machines in operation and has found the one manufactured by the Link Belt Company best suited to our use. The three on which lower prices were made are much lighter than that of the Link Belt Company and reduced to a price per pound are more expensive. The H. D. Conkey Company machine is not suited to our use, being much too light and not having proper bucket equipment. Mr. Morrow checked the specifications with Professor Leutwiler and Professor Polson of the Department of Mechanical Engineering and has their opinions that mechanically, the Link Belt machine is superior to the others.

Mr. Morrow requests that the order be placed with the Link Belt Company at a price of \$10,360 f.o.b. Chicago and I recommend that the order be placed accordingly.

This purchase will be made from a specific appropriation of \$12,500 included in the 1929-30 budget for Physical Plant Extension.

Very truly yours,
H. M. EDWARDS
Acting Comptroller

APPROVED:
JAMES M. WHITE
Supervising Architect

On motion of Mr. Barr, the Acting Comptroller was authorized to make this purchase on the terms proposed, on the receipt of a written statement from Mr. Trees and the Supervising Architect certifying that certain questions which have not been clarified are satisfactorily answered.

REPRODUCTION OF PRESIDENT KINLEY'S PORTRAIT

(26) A recommendation from Professor White that the Editor of the *Illio* be permitted to send the portrait of President Kinley to Chicago for color reproduction.

On motion of Mrs. Evans, this recommendation was adopted.

OCTOBER DEGREES

(27) The following list of candidates recommended by the University Senate at its meeting on October 7 for degrees and a request for authority to the President to confer the degrees.

GRADUATE SCHOOL

Degree of Master of Arts

In Chemistry

PHILIP ERNEST BURNER, A.B., Bradley Polytechnic Institute, 1924
HELEN MAE COX, A.B., Albion College, 1928

In Economics

WILBUR NEAL McMULLAN, A.B., DePauw University, 1921
 REX SHELTON WINSLOW, A.B., Simpson College, 1923

In Education

NEVILLE EVERETT BARNETT, A.B., Eureka College, 1927
 GUY N. BAYLESS, A.B., Wabash College, 1921
 IRVIN BLISS COLLINS, A.B., 1917
 CLARENCE ELMER CRAWFORD, A.B., Indiana University, 1923
 ARTHUR FARWELL DODGE, A.B., Amherst College, 1904
 HELEN EDERLE, A.B., Indiana State Normal School, 1923
 HAROLD RAYMOND GIRHARD, A.B., 1918
 RUSSELL TAAFFE GREGG, B.S., 1928
 ANTON IRVING MUNSON, A.B., Augustana College, 1913
 HARLAN ELBERT WALLEY, A.B., James Millikin University, 1926

In English

GRAHAM MCFARLAND DRESSLER, A.B., 1928
 ALICE ELIZABETH FRITSCHLE, A.B., 1925
 MARGARET HAYNES GATES, A.B., University of Texas, 1926
 ARCHIE SAMUEL STEWART, B.S., 1927
 BETTY BELL SWERTFEGER, A.B., Randolph-Macon Woman's College, 1928

In History

CLARENCE ARTHUR CLAUSEN, A.B., St. Olaf College, 1923
 HOWARD CUMMINGS, B.S., 1925
 GLENN MATLOCK KILBY, A.B., Eureka College, 1922
 FRANCES MARIAN ROGERS, A.B., 1923
 ONEIDA LAURETTA SHEEHAN, B.S., 1927

In Library Science

ICKO IBEN, Ph.D., University of Halle, 1922, B.S., 1928

In Mathematics

WILLIAM HOWARD NICOL, A.B., Illinois College, 1925
 MARY ELIZABETH RODEWALD, A.B., Hanover College, 1922

In Political Science

SUZANNE ERNESTINE KISSEL, A.B., James Millikin University, 1927

In Romance Languages

JULES CAESAR ALCIATORE, A.B., Tulane University, 1922
 MARGARET ELIZABETH GIERTZ, B.S., 1928
 MARY DUKE WIGHT, A.B., Smith College, 1927

In Sociology

ALEXANDER LEOPOLD JOSEPH RADOMSKI, A.B., 1928

In Zoology

OLIVE WAGNER DRIVER, A.B., Bates College, 1927
 SEWELL HEPBURN HOPKINS, B.S., College of William and Mary, 1927

Degree of Master of Science

In Accountancy

JEFF AGAMEMNON ANDERSON, B.S., 1928
 HAZEN WALLACE KENDRICK, A.B., University of Colorado, 1926
 HSI LIU KUAN, B.S., Ohio State University, 1928

In Agronomy

EDWARD LELAND GARD, B.S., 1928
 JOHN LAMB, JR., B.S., 1918
 HAROLD EDWIN MYERS, B.S., Kansas State Agricultural College, 1928
 CORNELIUS AUSTIN VAN DOREN, B.S., 1928

In Animal Husbandry

FRANK NEWTON BARRETT, B.S., 1917

In Bacteriology

PAUL REINHOLT BEIER, A.B., 1928

In Business Organization and Operation

ALBERT GOTTLIEB ROTHENBERG, B.S., 1928

In Ceramic Chemistry

ALFRED EARL BADGER, B.S., Case School of Applied Science, 1922

In Chemistry

RANSOM EDWARD ASHMORE, B.S., South Dakota State College, 1928

HERBERT BERG, B.S., 1928

ALFRED THEODORE BLOMQUIST, A.B., 1928

LOUIS HAMILTON BOCK, B.S., Kansas State Agricultural College, 1928

ANANT KESHAV JOSHI, B.S., 1925

CHING FEN KUO, A.B., Ohio State University, 1928

CHUAN LIU, A.B., Ohio State University, 1928

EDWARD MERRILL McMAHON, B.S., Illinois Wesleyan University, 1927

HOWARD EVERETT MUNRO, B.S., Illinois Wesleyan University, 1928

ESTHER RUTH ZIEGLER, A.B., Lawrence College, 1928

In Civil Engineering

EZRA EDWARD BAUER, B.S., 1919, C.E., 1927

In Economics

VERNON LOVELL PHELPS, B.S., 1928

GEORGE FULTON DANIEL ZIMMERMAN, B.S., 1928

In Education

ALVENA BAMBERGER, B.S., 1921

ROBERT BELL BROWNE, B.S., 1922

ELMER KELSO CONGRAM, B.S., Purdue University, 1921

DONALD DEWEY DOUGLAS, B.S., Purdue University, 1924

FRANK STEPHENS ESPEY, B.S., 1928

EUELL B. HENDERSON, B.S., Missouri Wesleyan College, 1915

CLIFFORD WELTON HARVEY, B.S., 1922

POSTELLE ANDERSON VAUGHN, A.B., 1925

LOUIS UNFER, B.S., Northeast Missouri State Teachers College, 1920

JOHN ADAM WIELAND, B.S., 1926

In Electrical Engineering

HAROLD FUNSTON HUFFMAN, B.S., University of Kansas, 1924

RAYMOND EDWARD TARPLEY, B.S., 1927

In Farm Organization and Management

EDWIN BEALE DORAN, B.S., 1906

EDWARDS DOREMUS GORHAM, A.B., 1911

TIMOTHY GEORGE HORNUNG, B.S., University of Nebraska, 1922

GEORGE HORACE REUSS, B.S., 1928

KARL THEODORE WRIGHT, B.S., 1924

In Home Economics

MARIE HELEN KILLINGER, A.B., 1928

In Physics

HARVEY BARTON GUNN, A.B., Illinois College, 1923

EDWARD BERNARD NOEL, B.S., 1928

LEONARD BERRY REDD, B.S., University of Nebraska, 1925

In Zoology

HENRY CHRISTOPHER MARKUS, B.Ed., Southern Illinois State Normal University, 1928

JANE TOBIE, A.B., Illinois Woman's College, 1928

JOSEPH HENRY WALKER, JR., B.S., University of Georgia, 1923

GERALD FREEMAN WINFIELD, B.S., Southern Methodist University, 1928

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

ANNABEL BARTHEL	MARION ALEXANDER MARTIN
RAYMOND ELIAS BELL	VIOLA NELLIE ELOISE NEELY
NICHOLAS WILLIAM BIRKHOFF, JR.	ISABELLE ANNA NICOLET
EGBERT ORLANDO BLACKMAN	MARION PARKER
FRANCES ELIZABETH BOYER	ELIZABETH JANE PARRIOTT
GEORGE FREEMAN BROOKS	ARLINE GUNNING PETER
VELMA RUTH BROWN	ALVENA DOROTHEA REICHMANN
CHARLES EDWARD CANNEY	MILDRED FLORENCE RUSK
EDGAR MAURICE DUTOUR	HELEN MAY SCHNEIDER
GWENDOLYNE MARJORIE EHLERS	DOROTHY MARIE SEVERN
DAVID WILLIAM FEY	ROBERT DEFOREST SHATTUCK
DAVID FISHER	FRANCES SIDNEY SIEGEL
CORDILENE GUSTAVA FLOWERS	GEORGE MILTON SILBERG
WILLIAM JOHN FULTON, JR.	EDITH ELEANOR SKLOVSKY
ELWOOD DEACON GODMAN	MARY OLIVE SPEER
PEARLE HARSHBARGER	WILLIAM ALFRED STEPHENSON
MARIE HUBER	BARBARA CLARA STIEGEMEYER
RICHARD MORRIS HUGHES	HELEN VERA STRANO
PAUL HADLEY JONES	HELEN VERA STRAUS
CHARLES FARMER KINNEY	EVERETT LEE STROHL
MOREY LAPIN	EDWARD FRANKLIN THOMPSON, JR.
CARL LEONARD LARSON, JR.	GWENDOLYN ANNE WALLS
VIRGINIA STEWART McEACHERN	LYLE KENNETH WHEADON
JOHN SAVAGE MCHENRY	

In Home Economics

VIRGINIA MUMFORD	OLGA JOSEPHINE ZWERMANN
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Degree of Bachelor of Science

In Liberal Arts and Sciences

ROLLIE MELVILLE HARRISON	WILLIAM EDWARD POLLARD
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In Chemistry

JAMES HARRY DEVINE	THOMAS ALLEN TURNER
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COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

GEORGE J. GOLDSTEIN	PAUL H. STADKE
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In Banking and Finance

JOHN H. ORR	CHARLES RUSSEL HUEGELY
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In General Business

GERALD DOOLEN COX	DALTON IRWIN
HAROLD STEPHEN CRITCHLOW	NORRIS E. JONES
NORMAN ADOLPH GLANTZ	JOHN ALBERT KIEDAISCH, JR.
MARION J. GOOLD	HSING PO TING
	JAMES ERNEST TRIPP

In General Railway Administration

GEORGE LOUIS HOMER

In Industrial Administration

RAYMOND HENRY GOEBEL	WILLIAM ORVIS KIRKPATRICK
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In Commerce and Law

EDGAR OLIVER ZIMMER

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

LUIS ERNERTO ADRIAN ARNILLAS	ANNA MARGARET MUNCH
NED BARRA	LAURA BENNET NEARPASS
LOUISE ANN CAMPBELL	ALBERT JOSEPH NOWACK
MARGARET EUGENIA CLINE	ROSE LOUISE RIXMAN
CHARLES WILLIAM CONRAD	VIOLET KATHRYN SAUER
MARGARET ELIZABETH EATON	DAVID WILLIAM SCHOONMAKER
LELAND HENRY FISH	VERA LOUISE SEYMOUR
ORIN FLESH	FRANK SLEPICKA
EDITH FRANCES FOLEY	BESSIE AILEEN SPECHT
JAMES CYRIL GAMBLE	VERNA MAE SPITZER
CLARENCE RAYMOND GROGAN	JAMES RAYMOND STEWART
EDWIN ARTHUR HETZNER	LOUISE ELIZABETH STIEGEMEYER, with
LENA BIEHL HIGDON	Honors in German
JOHN GUSTAVUS HONENS	KENNETH CURTIS TATE
MAURICE MONROE HOWE	ENOS BARTON THORNTON
JOHN FREDERICK KUHLEMAYER	GEORGE RICHARD TROGDON
CHARLES THOMAS MCCARREY	HAROLD BALLARD WALKER
RUTH CAROLYN MARTIN	MARY LOUISE WELLS
RAMON ROY MERRELL	ALICE ESTELLA WYLES
LENNIS MAY MINTON	

In Industrial Education

CARL MONROE BONGE

GILBERT HENRY REYNOLDS

In Music Education

JOAN MITCHELL

In Physical Education

THOMAS MORDICAI JENKINS

LEON TRIMBLE

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Architecture

HERSCHEL G. A. ELARTH

FRANCIS DANIEL HURLEY

In Architectural Engineering

VERNON HAVEN NOBLE

In Civil Engineering

FRED JOHN BARJENBRUCH

LOUIS GEORGE SEIGER

ARTHUR ROBERT NIEMAN

HOWARD EUGENE WOLD

In Electrical Engineering

GEORGE DAVIDSON GREENE

ROBERT JAMES STEPHENSON

KERON CALDWELL MORRICAL

QUENTIN COROT VINES

WILLIAM BARTON RICE

HUGH DONALD WEAR

In General Engineering

DANIEL ROBERTS BROWER, JR.

IRVING ROSWELL LINNARD

WILLIAM LINCOLN JULIAN

GEORGE BRUCE MCNAIR

In Mechanical Engineering

WILLIAM BENJAMIN GREENWOOD

LORING PHELPS JARMAN

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

LAURENCE FRANCIS BERLEMAN
 CECIL GLENN JONES

DONALD WILLIAM HAMILTON
 RUDOLPH BENNETT MORGAN

In Floriculture

PAUL ROBERT KRONE

COLLEGE OF LAW

Degree of Bachelor of Laws

HERMAN STUART ALLEN, A.B., Lombard College, 1926	SAM MORRIS FRIEDLANDER
PALMER CHRISTOPHER BYRNE	EARL HARRY GROMER, A.B., 1928
JAMES LEWIS CAPEL, A.B., 1927	JAMES LAURENCE MCMANUS
JAMES MERLE CRAWFORD, B.S., 1928	CARROLL HOMER NELSON
ROBERT BENJAMIN HOFF	HERBERT LLOYD PORTER
	CLARENCE ARTHUR WILLARD

Degree of Doctor of Law

FREDERICK SEATON SIEBERT, A.B., University of Wisconsin, 1923

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

FRANK ELLSWORTH SCHOOLEY

LIBRARY SCHOOL

Degree of Bachelor of Science

JULIA ELEANOR BLANCHARD, A.B., A.M., Wheaton College, 1899, 1904
 HELEN DOROTHY BESUDEN, A.B., University of Cincinnati, 1925, with Honors
 EDNA MARY JOHANNABER, A.B., Central Wesleyan College, 1919
 JIM P. MATTHEWS, A.B., University of Arkansas, 1916, with Honors
 GLADYCE ELLEN SCOTT, A.B., Ohio Wesleyan University, 1927
 ADA YOUNG REGENOS, A.B., Indiana Central College, 1924
 ALBERTA HUGHES, A.B., 1921, with Honors

COLLEGE OF MEDICINE

Certificates in Medicine

ALFRED PAUL KLOMHAUS (As of July 1, 1929)
 HAROLD EDWARD SILVERMAN (As of July 9, 1929)
 PAUL JOSEPH STARCEVICH (As of July 26, 1929)
 ELIZABETH WEBB HILL (As of July 30, 1929)
 ROOSEVELT BROOKS (As of July 30, 1929)
 DAVID HERSTEIN (As of August 2, 1929)
 FRANCES ALMEDA CLINE (As of August 20, 1929)
 JAMES SLOAN ALTMAN (As of September 20, 1929)
 LOUIS CLIDE YOUNG (As of September 17, 1929)

COLLEGE OF DENTISTRY

Degree of Doctor of Dental Surgery

WILLIAM CHARLES AGSTER
 SAMUEL ASTRINSKY
 SHELDON FREEAR BELL

SAMUEL JOHN HOLAPPA
 HENRI WILLIAM LANGHEINZ

On motion of Mrs. Busey, these degrees were authorized.

QUARTERLY REPORT OF THE COMPTROLLER

(28) The following quarterly report of the Comptroller to the Board of Trustees as of September 30, 1929:

REPORT OF THE COMPTROLLER
QUARTER ENDED SEPTEMBER 30, 1929
SUMMARY

Reserve and Contingent Fund

The unappropriated balance of the Reserve and Contingent Fund (estimated excess of income of the year over appropriations) at the close of the quarter was \$294,085, as per Schedule A. The balance at the corresponding date a year ago was \$215,605.

Budget Income

Realization of the budget income for the quarter, as per Schedule B, was as follows:

	Estimate For Year	Per Cent of Year's Estimate Realized	
		This Year	Same Date Last Year
State Appropriations for Operation (Per Cent realized represents portion expended to September 30, 1929).....	\$4 765 000	21.9	25.1
Federal Funds.....	468 242	48.8	47.0
Student Fees.....	860 000	42.4	41.3
Agricultural Sales			
Credited to Revolving Accounts.....	120 680	22.8	23.0
Credited to Agricultural Income.....	129 750	19.6	24.1
Miscellaneous Sales and Receipts.....	100 000	22.4	21.3

Treasurer's Balance

The cash balance in all funds held by the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$1,212,712, Schedule C. On the corresponding date a year ago, the balance was \$1,268,570.

Budget Expenditures

Board appropriations to departments for the current fiscal year total \$6,231,388, including salaries \$4,117,349, expense and equipment \$2,114,039. These were 19.0% expended at the end of the quarter, and 2.7% encumbered. (Included in Schedule D). On the corresponding date a year ago these appropriations were 19.5% expended and 2.4% encumbered.

Trust Funds

Endowment funds from private gifts for special purposes (see Schedule F) are distributed as follows:

Educational Endowments.....	\$119 686
Student Loan Endowments (Of which \$160,936 was outstanding in student notes at the end of the quarter).....	181 782
Scholarship and Prize Endowments.....	84 556
Other Endowments.....	80 031

Total..... \$466 055

Indebtedness on Property

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totalling \$50,900 on the Dental Building in Chicago, due in 1932. Of this amount \$1,500 is held in the Treasury of the University (Schedule H).

Residence Halls

A summary of the operations in the residence halls for the year to September 12, 1929, is shown as Appendix I. The balance from operations in the residence halls at the end of the quarter was \$149,685, and in the Davenport House \$10,064.

Stadium Fund

An Appendix is included giving the report of the Memorial Stadium Fund, of which the Board of Trustees is custodian. (See Appendix II).

H. M. EDWARDS
Acting Comptroller

SCHEDULE A
STATEMENT OF RESERVE AND CONTINGENT FUND
FOR THE QUARTER ENDED SEPTEMBER 30, 1929

Balance forward June 30, 1929.....			\$352 086 21
Add:			
Budget Income 1929-30 (Board Minutes July 17, 1929, page 273).....	\$6 352 712 48		
Biennium State Building Appropriations.....	2 500 000 00		
Lapsed 1928-29 Balances (Previously carried forward to cover encumbrances but not required).....	1 025 59	8 853 738 07	
<i>Total Credits</i>			\$9 205 824 28
Deduct:			
Budget Appropriations 1929-30 (Board Minutes July 17, 1929, page 274).....		6 224 634 82	
Biennium Building Appropriations (Board Minutes July 17, 1929, page 269).....		2 500 000 00	
Special 1929-30 Appropriations (Board Minutes July 17, 1929).....		166 920 00	
Appropriations made by Board of Trustees September 18, 1929			
Death Benefits (Ruthe E. Murphey and Francis Crathorne).....	1 252 47		
Patents on Discoveries and Inventions.....	456 00		
Dental Research.....	375 00		
Lighting Assessments (Wright Street and Army Avenue).....	1 600 00		
Purchase of Dental Bonds.....	1 500 00		
Landscaping the Campus.....	2 000 00		
Land (Jones Property).....	9 000 00	16 183 47	
Adjustments to Salary Budget (Various Departments)		4 000 00	
Adjustment to 1928-29 Income from Smith-Hughes Act.....			51
<i>Total Charges</i>			8 911 738 80
Balance September 30, 1929 (to Schedule H).....			\$ 294 085 48

SCHEDULE B
REALIZATION OF INCOME FOR OPERATIONS
1929-30 TO SEPTEMBER 30, 1929

	<i>Budget Estimate</i>	<i>Realized to Date</i>	<i>Unrealized Balance (See Schedule H)</i>
<i>State Funds</i>			
From Mill Tax.....	\$2 750 000 00	\$ 773 638 76	\$1 976 361 24
From General Revenue.....	2 015 000 00	271 978 86	1 743 021 14
<i>Total, State</i>	(4 765 000 00)	(1 045 617 62)	(3 719 382 38)
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund.....	239 624 34	139 895 91	99 728 43
Capper-Ketcham Fund.....	40 167 48		40 167 48
Hatch-Adams Funds.....	30 000 00	7 500 00	22 500 00
Purnell Fund.....	60 000 00	15 000 00	45 000 00
From State Treasurer			
Interest on Endowment Fund.....	32 450 66	16 225 33	16 225 33
Morrill-Nelson Funds.....	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes).....	16 000 00		16 000 00
<i>Total, Federal</i>	(468 242 48)	(228 621 24)	(239 621 24)
<i>Student Fees</i>	860 000 00	364 953 88	495 046 12
<i>Sales</i>			
Credited to Departments			
Agriculture.....	120 680 00	27 557 14	93 122 86 ¹
Other Departments.....		758 78	758 78 ^{1,2}
Credited to Estimated Agricultural Sales.....	129 750 00	25 507 42	104 242 58
Credited to General Income.....	100 000 00	22 402 38	77 597 62
Credited to Estimated Income from Creamery Surplus.....	14 320 00		14 320 00 ²
<i>Total, Sales, etc.</i>	(364 750 00)	(76 225 72)	(288 524 28)
<i>McKinley Endowment</i>	5 400 00		5 400 00
<i>Grand Total</i>	\$6 463 392 48	\$1 715 418 46	\$4 747 974 02

*Deduct.

¹No budget estimate set up.²Credited direct to revolving accounts, not carried as separate items on Balance Sheet.³To be transferred from Creamery Operating Account, June 30, 1930.

SCHEDULE C
SUMMARY OF RECEIPTS AND DISBURSEMENTS
1929-30 TO SEPTEMBER 30, 1929

	Balance July 1, 1929 and Adjustments	Receipts and State Appropriations	Disburse- ments	Balance September 30, 1929
<i>Funds in Possession of University</i>				
<i>Treasurer</i>				
General Fund.....	\$ 738 269 05	\$ 796 343 39	\$ 496 676 05	\$1 037 936 39
Trust Fund.....	120 269 21	102 742 76	48 236 12	174 775 85
<i>Total</i>	(858 538 26)	(899 086 15)	(544 912 17)	(1 212 712 24)
<i>State Appropriations</i>				
<i>For Operation</i>				
Salaries and Wages.....		3 515 000 00	773 638 76	2 741 361 24
Office Expense.....		150 000 00	34 578 43	115 421 57
Travel.....		55 000 00	6 883 53	28 116 47
Operation.....		485 000 00	104 857 34	380 142 66
Repairs.....		160 000 00	36 714 22	123 285 78
Equipment.....		290 000 00	59 934 89	230 065 11
Improvements.....		130 000 00	29 010 45	100 989 55
<i>Total, Operation</i>		(4 765 000 00)	(1 045 617 62)	(3 719 382 38)
<i>For Buildings</i>				
1927-29				
Library Building Addition.....	38 019 78		38 019 78	
Lincoln Hall Addition.....	270 637 12		270 637 12	
Materials Testing Laboratory.....	185 430 05		185 430 05	
1929-31				
Agricultural Buildings.....		115 000 00	6 144 15	108 855 85
Chemistry Annex.....		535 000 00	5 352 50	329 647 50
Medical and Dental Laboratories.....		1 500 000 00	933 49	1 499 066 51
Power Plant Addition.....		250 000 00	2 262 38	247 737 42
Woman's Gymnasium.....		300 000 00	644 83	299 355 17
<i>Total, Buildings</i>	(494 086 95)	(2 500 000 00)	(509 424 50)	(2 484 662 45)
<i>For Special Purposes</i>				
<i>Agricultural Experiment Station, Cook County</i>				
1927-29.....	419 30		410 30	
1929-30.....		10 000 00	3 014 75	6 985 25
<i>Total, State</i>	(494 506 25)	(7 275 000 00)	(1 558 476 17)	(6 211 030 08)
<i>Grand Total</i>	\$1 353 044 51	\$8 174 086 15	\$2 103 388 34	\$7 423 742 32

SCHEDULE D
SUMMARY OF APPROPRIATIONS AS AT
SEPTEMBER 30, 1929

	Total Credits	Disburse- ments	Encum- brances	Free Balance
Administration and General.....	\$ 438 565 61	\$ 83 761 08	\$ 12 477 34	\$ 342 327 19
Library.....	245 254 89	61 138 25	24 261 79	159 854 85
<i>Agriculture</i>				
University Appropriation.....	1 093 906 76	276 590 81	36 219 77	781 096 18
U. S. Extension.....	296 837 53	53 739 86	1 068 86	241 128 81
Liberal Arts and Sciences.....	1 175 075 34	217 779 08	7 545 55	949 750 91
Engineering.....	718 609 15	144 187 79	22 683 37	551 737 99
Graduate School.....	85 950 30	12 886 74	9 911 42	61 152 14
Medicine, Dentistry and Pharmacy.....	816 854 50	180 697 86	32 401 75	603 754 89
Journalism.....	28 619 00	4 279 53	494 08	23 845 39
Law.....	94 294 22	21 188 20	4 433 55	68 672 47
Library School.....	27 497 52	4 977 60	25 00	22 404 92
Military.....	22 620 43	2 041 20	113 58	20 465 65
Music.....	63 487 21	12 164 51	5 487 94	45 834 76
Education.....	189 020 31	35 242 98	1 044 45	152 732 88
Summer Session 1929.....	42 351 63	37 753 82	19 99	4 577 82
Summer Session 1930.....	84 000 00			84 000 00
Commerce.....	225 062 10	42 924 48	3 384 10	178 753 52
Physical Welfare.....	129 344 81	24 953 91	6 238 82	98 152 08
Physical Plant Operation and Maintenance.....	682 134 00	167 011 15		515 122 85
<i>Sub-total</i>	6 457 395 31	1 383 318 85	168 711 16	4 905 365 30
<i>Land, Buildings and Improvements</i>				
Special State Building Appropriations.....	2 995 264 63	509 005 04	99 469 25	2 386 790 34
Other Appropriations.....	274 299 84	50 775 16	125 234 49	98 290 19
<i>Grand Total</i>	\$9 726 959 78	\$1 943 099 05	\$393 414 90	\$7 390 445 83

SCHEDULE E
STATEMENT OF THE STORES AND REVOLVING ACCOUNTS
AS AT SEPTEMBER 30, 1929

	Balance July 1, 1929	Disburse- ments	Credits from Department Requisitions and Sales	Balance September 30, 1929
Storerooms				
Chicago General Stores.....	\$ 3 693 52	\$ 1 669 74	\$ 2 862 48	\$ 2 500 78
General Chemical Stores.....	31 054 89	20 480 32	15 503 25	36 837 06
General Chemical Stores Overhead.....		1 088 55	283 45	
Office Supply Store.....	19 875 49	18 360 82	12 222 90	26 836 98
Office Supply Store Overhead.....		823 57		
Physical Plant Stores.....	49 110 25	32 001 17	35 922 47	46 274 29
Physical Plant Stores Overhead.....		1 424 42	339 08	
Postage.....	171 91	3 541 48	3 410 52	302 87
Storage Coal.....	9 211 48	8 759 96	8 296 39	9 675 05
<i>Total, Storerooms.....</i>	(113 117 54)	(88 150 03)	(78 840 54)	(122 427 03)
Service Departments				
Applied Chemistry Testing.....	793 85*	1 617 04	1 644 50	821 31*
Blueprinting.....	1 720 43*	465 50	514 64	
Photography.....	948 04*	1 103 09	1 145 73	2 149 43*
Blueprinting and Photography Overhead.....		520 82		
Chicago Print Shop.....	56 60*	348 58	282 33	9 65
Chicago Job System.....	155 70*	16 304 16	15 511 64	636 82
Chicago Animal Hospital Revolving.....	19 36*	1 204 16	984 43	200 70
Physical Plant Job System.....	45 302 54	253 662 03	236 779 31	62 185 26
Physical Plant Job System Overhead.....		41 71*	3 729 90	1 586 03*
Labor Pay Roll.....	1 158 75*	174 035 79	173 927 90	1 955 86*
Organic Chemical Manufactures.....	1 034 66*	3 357 47	4 013 31	1 690 50*
Print Shop.....	2 406 58	21 476 14	15 134 05	8 748 67
Stenographic Bureau.....		816 14	1 384 47	568 33*
<i>Total, Service Departments.....</i>	(41 780 02)	(477 181 83)	(455 052 21)	(63 909 64)
Revolving Accounts				
Library Science Outlines.....	51 51		6 78	44 73
Tabulating Machine Operation.....	10 69*		12 50	23 19*
Military Overcoats.....	3 390 29*	1 152 00	15 00	2 253 29*
Military Uniforms 1927-28.....	163 63*	125 52		38 11*
Military Uniforms 1928-29.....	1 780 60*	491 76	166 70	1 455 63*
Vending Machines.....	31 31	334 12	33 54	332 09
<i>Total, Revolving Accounts.....</i>	(5 262 48*)	(2 103 40)	(234 32)	(3 393 40*)
<i>Grand Total.....</i>	\$149 635 08	\$567 435 26	\$534 127 07	\$182 943 27

*Credit Balance.

SCHEDULE F
SUMMARY OF TRUST ENDOWMENT FUNDS
AS AT SEPTEMBER 30, 1929

	Total	Separate Investments and Receivables	Group Invest- ments	Cash Balances
Professorial and Lectureship Endowments.....	\$119 686 16	\$104 390 43	\$14 686 16	\$ 609 57
Student Loan Endowments.....	181 781 83	167 935 56		13 846 27
Scholarship, Fellowship, and Prize Endowments.....	84 556 27	27 427 17	57 129 10	
Miscellaneous Endowments.....	80 030 71	73 550 00	6 480 71	
<i>Sub-total.....</i>	466 054 97	373 303 16	78 295 97	14 455 84
Cash Balances Subject to Group Investment.....			-115 61	115 61
<i>Grand Total.....</i>	\$466 054 97	\$373 303 16	\$78 180 36	\$14 571 45

SCHEDULE G
SUMMARY OF EXPENDABLE TRUST AND SPECIAL FUNDS
AS AT SEPTEMBER 30, 1929

	Total Fund Balance (Cash)	Encum- brances	Free Balance
Professorial and Lectureship Endowments Income.....	\$ 3 696 17		\$ 3 696 17
Student Loan Endowments Income (subject to annuity).....	134 63		134 63
Scholarship, Fellowship and Prize Endowments Income.....	2 412 07	\$ 5 00	2 407 07
Miscellaneous Endowments Income.....	2 602 05		2 602 05
Building and Improvement Funds.....	664 66	14 96	649 70
Research Donations.....	44 896 38	5 512 50	39 383 88
Scholarship, Fellowship, and Prize Donations.....	7 646 63		7 646 63
Other Expendable Funds.....	33 773 83	165 90	33 607 93
Deposit Funds.....	63 097 90	2 732 50	60 365 40
Group Investments Interest (to be distributed).....	1 280 08		1 280 08
<i>Grand Total.....</i>	\$160 204 40	\$8 430 86	\$151 773 54

SCHEDULE H
BALANCE SHEET AS AT
SEPTEMBER 30, 1929

ASSETS

I. General and Building Funds			
Cash held by the University Treasurer (Sch. C)		\$1 037 936 39	
Petty Cash Funds		30 600 00	
Balance in State Appropriation (Sch. C)			
For Operation	\$3 719 382 38		
For Buildings	2 484 662 45		
For Special Purposes	6 985 25	6 211 030 08	
Stores and Service Departments (Sch. E)		182 943 27	
Loan to McKinley Hospital (Trust Fund)		12 317 00	
Accounts Receivable		50 170 25	
Estimated income from:			
Smith-Lever, Hatch-Adams, Purnell, and Capper-Ketcham U. S. Appropriations	207 395 91		
Interest on Endowment (Land Grant of 1862)	16 225 33		
State Board of Vocational Education (Smith- Hughes)	16 000 00		
Fees	495 046 12		
Agricultural Sales	104 242 58		
Creamery Surplus	14 320 00		
Trust Endowments	5 400 00		
Miscellaneous	77 597 62	936 227 56	\$8 461 224 55
II. Trust Funds			
Cash (Sch. C)		174 775 85	
Notes Receivable		160 935 56	
Investments			
Stock and Bonds	243 997 96		
Land	46 550 00	290 547 96	626 259 37
III. Endowment Fund			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862			649 012 91
IV. Plant and Property			
Plant and Property (July 1, 1929)			23 641 385 91
Total Assets			\$33 377 882 74

LIABILITIES AND SURPLUS

I. General and Building Funds			
Appropriation Balances (Sch. D)			
Encumbered	\$ 393 414 90		
Unencumbered	7 390 445 83	\$7 783 860 73	
Reserve for Extension			
Petty Cash Funds		1 200 00	
Reserve for Stores		122 360 64	
Reserve for Loan to Trust Fund		12 317 00	
Residence Hall and Hospital Balances		230 726 58	
Unappropriated Agricultural Income		16 674 12	
Unappropriated Income (Reserve and Contingent Fund) (Sch. A)		294 085 48	\$8 461 224 55
II. Reserve for Trust Funds			
Due General Funds for Repayment of Loan		12 317 00	
Expendable Funds (Sch. F)		160 204 40	
Non-Expendable Funds (Sch. G)	466 054 97		
Less: Loan from General Funds (above)	12 317 00	453 737 97	626 259 37
III. Reserve for Endowment Fund			
			649 012 91
IV. Bonds and Surplus			
Dental Property Bonds	50 900 00		
Less: Treasury Bonds	1 500 00	49 400 00	
Surplus Invested in Fixed Assets		23 591 985 91	23 641 385 91
Total Liabilities and Surplus			\$33 377 882 74

APPENDIX I
RESIDENCE HALLS
SUMMARY OF OPERATIONS
TO SEPTEMBER 12, 1929

	Woman's Residence Halls	Davenport House	Total
Summer Session Surplus.....	\$ 2 160 56		\$ 2 160 56
Less:			
Miscellaneous Expenses			
June 15, 1929, to September 12, 1929.....	1 586 03	\$ 347 14	1 933 17
<i>Total Surplus from Operations 1928-29 to September 12, 1929.....</i>	<i>574 53</i>	<i>347 14*</i>	<i>227 39</i>
Deduct:			
Extraordinary Repairs, Equipment, Remodeling and Improvements.....	1 849 75	2 028 54	3 878 29
Unused 1928-29 Surplus from Operations.....	1 275 22*	2 375 68*	3 650 90*
Add:			
Balance forward June 15, 1929.....	150 960 70	12 439 77	163 400 47
<i>Surplus as at September 12, 1929.....</i>	<i>\$149 685 48</i>	<i>\$10 064 09</i>	<i>\$159 749 57</i>

*Deficit.

APPENDIX II
STATEMENT OF MEMORIAL STADIUM FUND
AS AT SEPTEMBER 30, 1929

	Prior to July 1, 1929	July 1, 1929 to Sep- tember 30, 1929	Total to Date
<i>Receipts</i>			
From Subscriptions.....	\$1 672 098 35	\$ 2 840 35	\$1 674 038 70
From Donations.....	5 071 92		5 071 92
From Interest.....	27 100 06	58 43	27 167 49
From Loans.....	32 500 00	2 500 00*	30 000 00
<i>Total Receipts.....</i>	<i>1 736 779 33</i>	<i>398 78</i>	<i>1 737 178 11</i>
<i>Disbursements</i>			
Office Collection Expense.....		16 35 ¹	16 35 ¹
Construction.....	1 735 635 78		1 735 635 78
<i>Total Disbursements.....</i>	<i>\$1 735 635 78</i>	<i>\$16 35</i>	<i>\$1 735 652 13</i>
Cash Balance.....			1 525 98
<i>Balance Sheet</i>			
<i>Assets</i>			
Cash.....		\$ 1 525 98	
Due from Pledge Installments			
Past Due Installments.....	\$481 962 69		
Future Installments.....	3 359 00	485 321 69	
Due from Athletic Association for Office Expense		16 35 ¹	
<i>Total Assets.....</i>			<i>\$486 864 02</i>
<i>Liabilities and Surplus</i>			
Notes Payable.....			30 000 00
<i>Excess of Assets (Including Unpaid Pledges) over Liabilities.....</i>			<i>\$456 864 02</i>

*Deduction due to repayment of loan.

¹To be refunded by Athletic Association.

This report was received for record.

APPROPRIATION FOR BENEFICIARY OF PROFESSOR
C. S. CRANDALL

(29) Professor C. S. Crandall of the Department of Horticulture died on July 11, 1929. He was in active service on the staff from September 1, 1902, until September 1, 1926, when he was retired under the retiring allowance system. The death benefit which has accrued in his case amounts to \$1102.50.

I recommend that an appropriation of \$1102.50 be made from the Reserve and Contingent fund and that the Comptroller be authorized to make payment to the heirs or legal representative of Professor C. S. Crandall.

On motion of Mr. Barr, the President of the University was authorized to instruct the Comptroller to make this payment. The appropriation was made by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emerson, Mr. Fisher.

REBATES ON ASSESSMENTS

(30) A statement from the Acting Comptroller showing amounts due the University as refunds on special assessments:

REFUNDS DUE THE UNIVERSITY FROM THE CITY OF CHAMPAIGN ON SPECIAL ASSESSMENTS

Amount of refunds			
Stadium Drive.....	\$2	308	56
Armory Avenue.....		784	92
Fourth Street.....	1	459	17
Scott Sanitary Sewer.....		646	87
Amount received			
(Stadium Drive).....			<u>2 308 56</u>
Balance due.....			\$5 199 52
			<u>2 308 56</u>
			\$2 890 96

This report was received for record.

THANKS FROM ALUMNI ASSOCIATION

(31) A letter from the President of the Alumni Association:

September 21, 1929

Mr. David Kinley, President, University of Illinois

DEAR PRESIDENT KINLEY:

Will you kindly convey to the Board of Trustees the thanks of the officers of the Alumni Association for the \$3000.00 appropriation for the improvement of the *Alumni News*?

With the aid of this appropriation the *Alumni News* can accomplish its purpose much better than would otherwise be possible, and the help from the Board of Trustees is very much appreciated.

Sincerely,

C. S. PILLSBURY

This report was received for record.

BOND OF ACTING COMPTROLLER

(32) A report that proper action has been taken to transfer the bond of Mr. Morey to the Acting Comptroller during Mr. Morey's absence.

The name of Mr. Morey was removed from this schedule bond effective September 1, 1929, and the name of Mr. Edwards was added as at that date in the amount of \$25,000 which was the amount of Mr. Morey's bond. Before this change was made, it was necessary for Mr. Edwards to file the usual application for bond. When Mr. Morey returns the only action which will be necessary will be to replace his name and remove that of Mr. Edwards from the schedule.

This report was received for record.

ROYALTIES FOR KUNZ CELL

(33) A report from the Comptroller that no report of royalties due from the General Talking Films Corporation, successors to DeForest Phonofilms, Inc., for the use of the Kunz cell, has been received since December 1, 1928.

On motion of Mr. Trees, the President of the University was authorized to direct the Legal Counsel to take this matter up with the General Talking Films Company, and to take whatever action may be necessary.

AUTHORITY TO MAKE PURCHASES

(34) A letter to the Legal Counsel and an opinion of the Legal Counsel on the matter of the authority of the Purchasing Agent to act after an appropriation has been made by the Board.

September 30, 1929

Judge Sveinbjorn Johnson, 316 Law Building

DEAR JUDGE JOHNSON:

At the last meeting of the Board the question was raised whether the laws of the Board of Trustees, as they have existed since 1908, do, as a matter of fact, give the

Comptroller proper authority to make purchases for the University, unless specific directions are given by the Board to make the particular purchases.

The authority of the Comptroller will be found in Section 45-A, page 34 of the Extracts from the Laws of the Board of Trustees, dated December, 1926. Section 46 on the following page describes the authority of the Purchasing Agent who acts under the general direction of the Comptroller.

I call your attention first to Section C of Article 45, providing that "no expenditures shall be made excepting on authority of the Board and after an appropriation has been made therefor, as evidenced by its records." I call your attention also to the statement in Section 46 to the effect that the Purchasing Agent shall not make purchases "unless the records of the Board show that the purchase has been authorized and that an appropriation has been made therefor by the Board." In view of these provisions, I beg leave to submit the following questions:

1. Is the making of an appropriation by the Board sufficient authorization for the Comptroller, through the Purchasing Agent, to go ahead and purchase the article or articles for which the appropriation is made, or is it your opinion that in addition to making the appropriation the Board records must show action specifically authorizing the purchase?

2. Appropriations are made in the budget of the University either for the purchase of single articles or of a group of articles of the same general character and described under the same general head. For example, an appropriation of \$200 may be made for the purchase of a single microscope or other specifically named piece of apparatus. On the other hand, an appropriation may be made, as has been the custom for the past twenty-five years or more, if not previously, for a group of articles under some general head such as, "Equipment for the School of Music," "Equipment for the College of Engineering," or what not. If an appropriation of the latter kind is made for, we will say, equipment for the School of Music, is it necessary, under the rule, or under the law, or both, that each particular, separate piece of equipment to be bought shall also be authorized specifically by the Board, or may the Comptroller make the purchase of the various pieces of apparatus or equipment necessary and charge each of these to the appropriation for the general purpose? It is understood that when an appropriation is made for such a general purpose as equipment the list of things desired has been submitted by the department head and the dean to the President for inspection and approval or disapproval. As a matter of fact, practically every department in the University makes a request for equipment involving a much larger expenditure than I am ordinarily willing to approve. I have, therefore, in most cases, cut down the amount asked for before submitting my recommendations to the Board. The changing of the original list submitted may change the order of importance of the remaining articles for which an appropriation is made in toto. That is to say, if the department head asks for \$20,000 for equipment, say, in Mechanical Engineering, and submits a list of things which he would like to buy with \$20,000 and receives only \$10,000 he may revise his list and make a new list with a different scale of relative importance assigned to the articles in the original list. In other words, he must choose which are of most importance within the \$10,000 limit. It is, therefore, practically impossible to decide in advance exactly what particular pieces of apparatus the appropriation may be used to get, excepting in a general way. One reason for this is that the people who make up these lists prepare them far in advance. Some of the people who make them up are not present when the budget is adopted and new requirements for apparatus, due to changing enrollment, may come up at any time after the opening of the year and, of course, after the budget has been approved.

To give some illustrations: (1) A certain sum of money is appropriated for the purchase of library books. Is the Comptroller at liberty under his general authority to approve and purchase the books recommended by the heads of departments with the approval of the Librarian, or should he submit the title and price of each single book to the Board to receive authority to purchase it? This is an extreme illustration but the principle involved is the same as in the case, for example, of Mechanical Engineering or Electrical Engineering, where a lathe or a dynamo would be bought and charged against an appropriation for equipment in either of the departments. (2) An appropriation is made to the School of Music for equipment. May the Comptroller purchase the articles submitted by the Director of the School and approved by the President, whether sent in one by one at different dates or in a group, after

the Board has made an appropriation for "School of Music Equipment," provided, of course, that the total expenditure shall not exceed the appropriation? Must the Board take action directing the purchase of the particular articles before each is bought? (3) The Board makes annually an appropriation known as the "President's Entertainment Fund." This meets the expenses of receptions, monthly and others; entertainment of University guests, individually, or in groups; and all matters of that kind. May the Comptroller, under his general authority, pay such expenses or must he have action of the Board directing him to pay such expenses when duly submitted? Does the direction pertain to the whole group of different kinds of entertainment? Or, on the other hand, is it necessary for the Board to direct the Comptroller to meet the expenses of each particular entertainment?

If an appropriation has not been made for a specific article or for a group of articles, to be drawn against as per the practice described above, of course the specific request must go to the Board of Trustees for an appropriation, whether it be \$100 or \$5,000. It happens, therefore, that the Comptroller in presenting his monthly report of purchase orders to the Board reports sometimes the purchase of an article costing from \$500 to \$1,000 or several thousand dollars under the general authority given him by the rules, charged to the appropriation for the general group of articles of which the article purchased is one. At the same meeting, I may present a request for an appropriation of \$200 or \$300 for some article or articles. Surprise is sometimes expressed that the Comptroller makes an expenditure of the former magnitude while I am asking for specific authority for an expenditure of the smaller magnitude. The reason is that in the former case an appropriation has already been made, either for the particular article, or for a group of which the particular article bought is one; whereas no appropriation had been made in the latter case. Hence, a special request is necessary.

Summing the whole matter up:

1. A specific article, whether it cost \$10 or \$1,000, may not be purchased unless an appropriation has been made for the purpose by the Board of Trustees in advance.
2. If an appropriation has been made for a specific article, do the existing rules of the Board give the Comptroller sufficient authority to go ahead and purchase it without getting an action of the Board ordering him to purchase, in addition to making the appropriation?
3. When the Board has made an appropriation of, say, \$8,000 for equipment for the School of Music, is the Comptroller at liberty, on recommendation of the Director of the School of Music with the approval of the President, to purchase specific articles whose cost totals or falls within the whole amount appropriated for the group of articles, assuming that the general rules of the Board now in existence give him authority to make purchases when appropriations have been made? The essence of this question is, of course: Is an appropriation for a group purpose proper and sufficient without specification of the individual article?
4. If the rules of the Board do not at present give the Comptroller authority to purchase without a specific order to purchase, will you kindly suggest the amendments necessary to cover this point?
5. If, in your opinion, the appropriation of a total sum of money, like \$50,000 for the Library, does not carry with it sufficient authority to justify the Comptroller on recommendation of the Librarian to purchase the books called for by the several departments, must the Board order the purchase of individual books, or in what form can it make its appropriation so as to render this unnecessary?

I shall be much obliged if you will kindly consider these questions and prepare an answer for submission to the Board at its meeting on October 10, if possible.

Very truly yours,
DAVID KINLEY
President

October 7, 1929

President David Kinley, 355 Administration (West)

MY DEAR PRESIDENT KINLEY:

Your letter of September 30, 1929, raises two specific questions of law and in the background a matter of administrative policy. The latter is peculiarly a problem for you and the Board of Trustees to solve.

Your first question is, in substance, this: From the making of an appropriation for the purchase of a specific article may authority be implied to consummate the

purchase without further action by the Board of Trustees, or must the Board, in addition to making this specific appropriation, specifically authorize the proper officers to make the purchase?

The appropriation of money for the specific purchase of an article is a legislative act, but beyond the act of setting apart the particular sum is a decision on the policy of making the recommended purchase. That decision also involves an exercise of the legislative function. Once the Board has resolved that the article should be acquired and has appropriated the amount necessary, there remains merely the act, largely ministerial, of going into the market for the article. For the performance of the latter act the Board has named a Comptroller and Purchasing Agent who, with the specific approval of the President—"the executive agent of the Board"—execute the *policy* and make the purchase. With this last act the Board itself can normally, in the nature of things, have but little practical concern. The Board is in session for a few hours, approximately, once every thirty days. During the interim much business must necessarily be transacted by an institution the size of the University of Illinois. The other alternative is continuous sessions by the Board. I am clearly of the opinion, whether considered in the light of common sense or of legal analogies, that an appropriation of a specific sum for the purchase of a particular article implies an authorization to the Comptroller and the Purchasing Agent, without further action by the Board, to purchase the article.

The second question, as I understand from the illustrations which accompany it, is this: Assume an appropriation of \$50,000 for equipment for the School of Music without specification therein of the items for which the gross sum shall be expended; from the act of the Board of Trustees in making such an appropriation may it be legally inferred that the Comptroller and the Purchasing Agent, with the approval of the President, may, without further authorization as to each specific item of equipment or expenditure, go into the market and purchase such specific equipment as shall be deemed needful by the School of Music, the officers named, and the President? This question involves the whole subject of the legal effect of group or class, as distinguished from specific, appropriations. After consideration of the whole matter and an examination of the rules and statutes of the Board as found in the official Reports from the beginning, I answer the question in the affirmative.

Inasmuch as the question appears to be rather important, I deem it proper to assign some reason for my conclusion. You refer me to section 45 A, page 34, of the "Extracts from the Laws of the Board of Trustees," dated December, 1926, concerning the authority of the Comptroller, and to section 46 on the following page which describes the authority of the Purchasing Agent. You also refer me to subsection (c) of section 45, that "No expenditures shall be made excepting on authority of the Board, and after an appropriation has been made therefor, as evidenced by its records." Some of these regulations apparently have been in force twenty years, or more.

While the sections to which you specifically refer are important because they define the powers and duties of the Comptroller and the Purchasing Agent, there are other sections which must be noticed. Section 11 (a) on page 3 of the "Extracts from the Laws of the Board of Trustees," December, 1926, contains an answer to the question what the Board has heretofore considered its peculiar function in operating the University of Illinois. It is there said: "The functions of the Trustees are legislative and not executive. The Board is to secure, as far as possible, the needed revenues for the University and is to determine the ways in which the University funds shall be applied. It is to map out the University *policy*, but it must, of necessity, leave the *execution of that policy* to its executive agents. Such agents must be capable, and, within the general line of policy laid down by the Board, they should not be interfered with." The foregoing statement of function appears for the first time, as far as I can ascertain, in the Revision of 1908. See p. 57, Report of 1910. On September 30, 1898, the Board said, in a resolution that "it is no function of a trustee to act as superintendent of the University business."

In the light of the foregoing, the language of the by-laws and the statutes of the University must be read and interpreted. The Board clearly conceives that its functions are legislative rather than administrative or executive in their nature. This is in keeping with the only practical mode in which the University can be operated by the Board. The language used negatives the suggestion that the Board deems it its

proper duty to concern itself with all specific items of purchase, or with all the details of administration.

On September 13, 1892, the Board seemingly approved a compilation of by-laws which appears on pages 41-44 of the Report for 1894. All prior by-laws were repealed and two hundred copies of the compilation ordered printed.

Article X deals with the "business agent," whose powers and duties later devolved on the Comptroller and the Purchasing Agent. Section 1 of this article ends with this proviso: "*Provided*, also that all purchases *must first be authorized by the trustees.*" Thus, what the policy was in September, 1892, when the enrollment was about 714 and the annual appropriation for "taxes, salaries, repairs, and improvements" was about \$64,100, is not open to question. All purchases, except in cases of "necessity" and then only up to \$50 in amount, were required to have the advance approval of the Board.

On December 12, 1907, Report of 1908, p. 414, a committee on revision of the by-laws and the statutes was named. It reported on December 8, 1908, pp. 21 and 53, Report of 1910. Its report was "accepted and adopted." The Comptroller, Chief Clerk and Purchasing Agent displace the old business manager, and the powers and duties of the former are defined in new and materially different terms. The institution was growing and requirements which sufficed early in its history were fast becoming clumsy, impracticable, or obsolescent. There also appears, for the first time apparently, the official declaration by the Board concerning its true function, which I have set forth *supra*. While such a declaration might not be conclusive in all circumstances, it is important in connection with an attempt to interpret the language of the statutes and by-laws so as to give effect to the intent and purpose thereof.

In the revision of 1908 the specific prohibition of the proviso, *supra*, is dropped and there is introduced the method which has been substantially followed since concerning the purchase of equipment, etc. No expenditures were permissible "except on the authority of the Board"; in an emergency the President and the business manager might concurrently expend not to exceed \$350 without prior authorization by the Board; all purchases must be made by the Purchasing Agent, except when "other persons or committees" were given authority by the Board; and the Comptroller was given general charge of the business operations of the University.

We now come to section 34 (d), p. 63, Report of 1910, which, unless it has since been repealed, and of this no affirmative evidence has been found, seems to contain the answer to both questions propounded in your letter. Broadly, it provides that the Purchasing Agent shall make no purchase "unless the records of the Board show that the purchase has been authorized and that the money for payment thereof has been appropriated"; but an order for the purchase of "furniture, apparatus, or equipment" may be made by the Purchasing Agent without specific authorization in advance in all cases where an appropriation has been made by the Board *and when such purchase has the approval of the President*. Sections 34, p. 63, and 37, p. 66, Report of 1910. Section 37 on page 66, Report of 1910, provides that the duties of the business manager shall thereafter be performed by the Comptroller, the Chief Clerk, and the Purchasing Agent.

It is true that not all of the foregoing appears clearly in the pamphlet to which I am referred and which is labeled, "Extracts from the Laws of the Board of Trustees," dated December, 1926. In the first place, the pamphlet purports to be merely *extracts*, and not a complete compilation of the by-laws and statutes; and, in the second place, I do not deem myself bound to accept these "Extracts" as the *complete and exclusive* evidence of all the laws and statutes. The authorization for the publication of the "Extracts" appears on page 299, Report of 1924, and calls for a compilation. There has been no new or reenactment of these "Extracts" so as to make them the sole evidence of the governing rules.

There is not complete clarity in the statutes, nor does it appear that they have in all things been enacted as a unit. To illustrate, subsection (c) of section 34, page 63, Report of 1910, *supra*, says, in reverse order, almost exactly what is said in the concluding paragraph of section 37, page 66, of the same report.

I do not deem it necessary to prolong the consideration of this subject. A by-law of the Board which has not been repealed as far as I can ascertain, confers upon the Comptroller and the Purchasing Agent the power to make purchases of specific articles

with the approval of the President, when an appropriation has been made therefor, or for the group or class to which they belong, and no other prior authorization is necessary.

I should have reached the same conclusion on both propositions, had I not found section 34 (d), Report of 1910. The practical construction of the statutes and by-laws for a period of over twenty years, acquiesced in by several intervening Boards, I should have deemed conclusive on the subject of the correct interpretation of the rules.

Yours very truly,
SVEINBJORN JOHNSON
Legal Counsel

On motion of Dr. Noble, this report was received for record.

SUMMER SESSION WORK BY RETIRED MEMBERS

(35) A statement concerning the propriety of service on the summer session staff of other institutions by retired members of the staff of the University.

No action was taken on this matter.

At this point President Armstrong, being called from the room, asked Mr. Barr to take the chair.

RESIDENCE HALLS FOR WOMEN

(36) A statement concerning the advisability of starting the construction of a unit of a residence hall for women.

On motion of Mr. Trees, the Supervising Architect was directed to submit plans for an additional unit.

REGISTRATION, OCTOBER, 1929

(37) A report that the total number of students registered, as of October 6, 1929, was 12,371.

This report was received for record.

SPECIAL COMMITTEE ON PATENTS

President Armstrong announced that he had appointed Mrs. Evans a member of the Special Committee on Patents in place of Mr. Trees, who asked to be relieved of service on this committee.

TREASURER'S REPORT

Mr. Trees, for the Finance Committee, presented a recommendation that the Treasurer's report be approved.

On motion of Mr. Trees, this report was approved.

AUDIT REPORT OF ATHLETIC ASSOCIATION

Mr. Trees, for the Finance Committee, presented a recommendation that the report of audit of the Athletic Association accounts be received for record.

On motion of Mr. Trees, this recommendation was adopted.

INTEREST DUE FROM URBANA COKE CORPORATION

Mr. Trees reported that the Finance Committee had considered the request of Professor Parr that the date of crediting the cumulative interest payable by the Urbana Coke Corporation be deferred, and that the Committee regretted that it could not recommend the granting of this request.

On motion of Mr. Trees, this report was concurred in.

REPORT OF AUDIT

Mr. Trees, for the Finance Committee, reported a recommendation that the report of Arthur Young & Co. on the audit of the accounts of

the University for the year and for the quarter ending June 30, 1929, be received for record.

On motion of Mr. Trees, this report was received for record.

PRESIDENT'S HOUSE

On motion of Mr. Trees, the Committee on Buildings and Grounds was requested to report at the next meeting of the Board on the location and progress on plans of a house for the President of the University.

COMMITTEE ON SELECTING A PRESIDENT

Mr. Barr, for the Special Committee on Selecting a President of the University, reported that there were sundry expenses connected with the work of the committee, for travel, etc., and requested an appropriation.

On motion of Mrs. Evans, an appropriation of \$3500, or so much thereof as may be necessary, was made from the Reserve and Contingent fund for the expense of this committee, with the provision that all expenses chargeable to this fund are to be certified to the Comptroller by the Chairman of the Special Committee and the Chairman of the Finance Committee. The vote was as follows: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher, Dr. Noble.

DATE OF NOVEMBER MEETING

On motion of Mr. Trees, it was voted to hold the November meeting at the University, in Urbana, at 9:30 a.m., on Friday, November 15, 1929.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record a list of appointments made by the President of the University.

Alexopoulos, C. J., Assistant in Botany, on one-half time, for ten months beginning September 1, 1929, at a cash compensation of six hundred dollars (\$600). (September 20, 1929)¹

Amelotti, Emil, Assistant in Mathematics, on two-thirds time, beginning at the opening of the first semester, and continuing until February 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 25, 1929)

Arvin, M. J., Assistant in Physics, in the College of Engineering, on one-fourth time, beginning September 23, 1929, and continuing until June 30, 1930, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (September 24, 1929)

Banta, Alonzella, Filing Clerk in the Agricultural Extension Service, in the College of Agriculture, for one year beginning September 1, 1929, at a cash compensation of one thousand one hundred forty dollars (\$1140). (September 17, 1929)

Baugh, Robert Lewis, Assistant in History, on one-half time, for nine months beginning October 1, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 4, 1929)

Beach, Virginia Laura, Assistant in English, on one-third time, beginning at the opening of the first semester, and continuing until February 1, 1930, at a cash compensation at the rate of fifty dollars (\$50) a month. (September 25, 1929)

Beam, Mary Werts, Assistant in Textiles, in the Department of Home Economics, in the College of Agriculture, for four months beginning October 1, 1929, at a cash compensation at the rate of one hundred thirty-three dollars and thirty-three cents (\$133.33) a month. (October 2, 1929)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Block, Lylyon Hilda, Assistant in Geography, in the Department of Geology, on one-fourth time, beginning at the opening of the first semester, and continuing until February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 25, 1929)

Bond, G. S., Student Assistant in the Air Corps Unit, in the Department of Military Science, beginning at the opening of the first semester, and continuing until July 1, 1930, at a cash compensation at the rate of ten dollars (\$10) a month. (September 28, 1929)

Briggs, Frances Agnes, Assistant in Physiological Chemistry, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, beginning September 16, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 24, 1929)

Brock, Frank H., Assistant in Chemistry, on one-fourth time, for nine months beginning October 1, 1929, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 4, 1929)

Brown, Cecil David, Assistant in Obstetrics, in the Department of Obstetrics and Gynecology, in the College of Medicine, for eleven months beginning October 1, 1929, without salary. (October 4, 1929)

Brown, Florence Amelia, Resident in the Department of Pediatrics, in the College of Medicine, beginning September 15, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of fifty dollars (\$50) a month. (September 25, 1929)

Burris, Alice A., Editorial Assistant in the University Press, beginning October 25, 1929, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 4, 1929)

Compton, Richard Kenneth, Assistant in Psychology, beginning September 19, 1929, and continuing until June 30, 1930, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month. (September 24, 1929)

Conner, H. A., Assistant in Chemistry, on one-fourth time, beginning September 20, 1929, and continuing until February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 24, 1929)

Crile, Dennis, Associate in Anatomy, in the College of Medicine, on one-fourth time, for four months beginning February 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 7, 1929)

Danziger, Fred, Assistant in Physiological Chemistry, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, on part-time, for eleven months beginning October 1, 1929, without salary. (September 28, 1929)

Davey, Catherine MacDonal, Secretary to the Dean and Director of the College of Agriculture and the Agricultural Experiment Station, for one year beginning September 1, 1929, at a cash compensation of one thousand three hundred twenty dollars (\$1320). (September 25, 1929)

DeMar, Bertha M., Social worker in the Department of Pediatrics, in the College of Medicine, for one year beginning September 1, 1929, at a cash compensation of one thousand five hundred dollars (\$1500). (September 20, 1929)

DeVries, John, Assistant in Chemistry, on one-half time, for nine months beginning October 1, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month, this superseding his previous appointment. (October 4, 1929)

Droba, Henry John, Instructor in Oral Surgery, in the College of Dentistry, for eleven hours each week, beginning September 18, 1929, and continuing until August 31, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (September 24, 1929)

Dyson, Madeline, Stenographer in the Department of Farm Organization and Management, in the College of Agriculture, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of one thousand twenty dollars (\$1020). (September 17, 1929)

Ewert, Earl Ernst, Instructor in the Department of Surgery, in the College of Medicine, on three-fourths time, for eleven months beginning October 1, 1929, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (October 3, 1929)

Fetzer, Mary Elizabeth, Assistant in the Department of Neurology, in the College of Medicine, for eleven months beginning October 1, 1929, without salary. (September 28, 1929)

Fisher, Catherine Virginia, Assistant in Clinical Pathology, in the Hospital Laboratory, in the College of Medicine, beginning September 20, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (September 25, 1929)

Fore, Robert Estes, Assistant in Plant Breeding, in the Department of Agronomy, in the Agricultural Experiment Station, on one-half time, beginning September 15, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 24, 1929)

Frison, Genevieve Gertrude, Clerk and Stenographer in the Department of English, for eleven months beginning October 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 28, 1929)

Gibbons, J. J., Assistant in Physics, in the College of Engineering, on three-fourths time, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of one hundred five dollars (\$105) a month, this superseding his previous appointment. (September 24, 1929)

Goshorn, R. H., Assistant in Chemistry, on one-half time, for nine months beginning October 1, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month, this superseding his previous appointment. (October 4, 1929)

Gray, A. R., Assistant in Chemistry, on one-half time, for nine months beginning October 1, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month, this superseding his previous appointment. (October 4, 1929)

Griffin, J. R., Assistant in Geology, for ten months beginning September 1, 1929, at a cash compensation of one thousand three hundred dollars (\$1300), this superseding his previous appointment. (September 20, 1929)

Hale, J. B., Assistant in Chemistry, on one-fourth time, beginning September 20, 1929, and continuing until February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 24, 1929)

Halpenny, Lawrance, Assistant in Sociology, on one-half time, beginning September 23, 1929, and continuing until January 31, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 25, 1929)

Hendricks, Frances Kellam, Assistant in History, on one-half time, beginning at the opening of the first semester, and continuing until February 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 30, 1929)

Herrold, Russell Dorr, Assistant Professor of Surgery, in the College of Medicine, on one-half time, for eleven months beginning October 1, 1929, at a cash compensation at the rate of one hundred sixty-six dollars (\$166) a month. (September 30, 1929)

Hobbs, Cecil Carlton, Assistant in History, on one-half time, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 30, 1929)

Horick, Edward, Refractionist in the Department of Ophthalmology, in the College of Medicine, for eleven months beginning October 1, 1929, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (September 25, 1929)

Hyde, A. Sidney, Assistant in Zoology, on one-half time, for four months beginning October 1, 1929, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 28, 1929)

Ireland, C. E., Assistant in Physics, in the College of Engineering, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of one hundred forty dollars (\$140) a month, this superseding his previous appointment. (September 24, 1929)

Jacobson, Herman, Assistant in Obstetrics, in the Department of Obstetrics and Gynecology, in the College of Medicine, for eleven months beginning October 1, 1929, without salary. (October 4, 1929)

Jacobson, J. Robert, Assistant in Anatomy, in the College of Medicine, on one-half time, for eight months beginning October 1, 1929, at a cash compensation at the rate of thirty-seven dollars and fifty cents (\$37.50) a month, this superseding his previous appointment. (October 4, 1929)

Johnson, Clarence A., Lilly Research Fellow in the Department of Physiology and Physiological Chemistry, in the College of Medicine, for one year beginning September 1, 1929, at a cash compensation of one thousand eight hundred dollars (\$1800). (September 24, 1929)

Johnson, Russell E., Laboratory Helper in the Department of Pharmacology and Therapeutics, in the College of Medicine, beginning September 12, 1929, and continuing until September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 4, 1929)

Kasbeer, Marion, Assistant in Chemistry, in the School of Pharmacy, beginning September 16, 1929, and continuing until June 30, 1930, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (September 24, 1929)

Kayser, Evelyn Marie, Assistant in the Library School, beginning September 19, 1929, and continuing until June 30, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (September 20, 1929)

Kelly, Arthur Randolph, Assistant Professor of Anthropology, in the Department of Sociology, at a cash compensation at the rate of three thousand five hundred dollars (\$3500) a year, beginning when he reports for duty, and continuing until August 31, 1931. (October 1, 1929)

Kenyon, John Sherman, Assistant in History, on one-half time, beginning at the opening of the first semester, and continuing until February 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 30, 1929)

Kingsley, Eleanor, Assistant in Mathematics, on two-thirds time, beginning at the opening of the first semester, and continuing until February 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (September 24, 1929)

Knapp, L. M., Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, and in the College of Engineering, beginning September 23, 1929, and continuing until June 30, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 25, 1929)

Kobak, Alfred, Assistant in Obstetrics, in the Department of Obstetrics and Gynecology, in the College of Medicine, on one-fourth time, for eleven months beginning October 1, 1929, at a cash compensation at the rate of thirty-three dollars and thirty-three and one-third cents ($\$33.33\frac{1}{3}$) a month. (October 4, 1929)

Konzo, Seichi, Special Research Assistant in Mechanical Engineering, in the Engineering Experiment Station, and in the College of Engineering, beginning October 1, 1929, and continuing until further notice, at a cash compensation at the rate of two hundred eight dollars and thirty-three cents ($\$208.33$) a month. (September 25, 1929)

Kremer, Rudolph J., Instructor in the Department of Pathology, in the College of Medicine, on one-half time, for ten months beginning October 1, 1929, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (September 25, 1929)

Kubitz, Oskar Alfred, Instructor in Violin, in the School of Music, on one-half time, beginning at the opening of the first semester, and continuing until July 1, 1930, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (September 20, 1929)

Kubitz, Oskar Alfred, Assistant in Philosophy, on one-half time, beginning September 25, 1929, and continuing until February 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 28, 1929)

Lauer, C., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (October 4, 1929)

Litt, Sol, Instructor in the Department of Obstetrics, in the College of Medicine, for eleven months beginning October 1, 1929, without salary. (September 28, 1929)

Loring, H. S., Assistant in Chemistry, on one-fourth time, beginning September 20, 1929, and continuing until February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 24, 1929)

McAllister, Walter Ginder, Assistant in Psychology, for five months beginning September 1, 1929, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (September 20, 1929)

Macmillan, A. H., Assistant in Chemistry, on one-half time, for nine months beginning October 1, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month, this superseding his previous appointment. (October 4, 1929)

Maryan, Harry Oliver, Instructor in the Department of Obstetrics, in the College of Medicine, on one-half time, for eleven months beginning October 1, 1929, at a cash compensation at the rate of eighty-three dollars and thirty-three and one-third cents ($\$83.33\frac{1}{3}$) a month, this superseding his previous appointment. (September 30, 1929)

Michaels, Viola Mae, Assistant in Animal Pathology, in the Department of Animal Husbandry, in the Agricultural Experiment Station, on one-half time, beginning September 17, 1929, and continuing until August 31, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 17, 1929)

Mueller, Edward M., Assistant in German, on one-half time, beginning at the opening of the first semester and continuing until July 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 25, 1929)

Nichols, William B., Student Assistant in the Air Corps Unit, in the Department of Military Science, beginning at the opening of the first semester, and continuing until July 1, 1930, at a cash compensation at the rate of ten dollars (\$10) a month. (September 28, 1929)

Noss, Emma Roberts, Assistant in History, on three-fourths time, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of ninety dollars (\$90) a month. (September 30, 1929)

Nusbaum, R. E., Assistant in Physics, in the College of Engineering, on three-fourths time, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of one hundred five dollars (\$105) a month, this superseding his previous appointment. (September 24, 1929)

Oslund, R. M., Associate Professor of Physiology and Physiological Chemistry, in the College of Medicine, on three-fourths time, for one year beginning September 1, 1929, at a cash compensation of three thousand one hundred fifty dollars (\$3150), this superseding his previous appointment. (September 24, 1929)

Ozanne, Irving Lee, Assistant in Chemistry, on one-half time, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 25, 1929)

Peterson, Lewis V., Assistant in Athletic Research, in the College of Education, on one-half time, beginning October 1, 1929, and continuing until June 30, 1930, at a cash compensation at the rate of eighty dollars (\$80) a month. (September 24, 1929)

Phillips, Stanley A., Laboratory Helper in the Department of Chemistry, for eleven months beginning October 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy dollars (\$70) a month. (October 1, 1929)

Poggi, Edith M., Assistant in Geology, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month. (September 25, 1929)

Roberts, Paul C., Assistant in Business Law, in the College of Commerce, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month. (September 24, 1929)

Rose, William M., Student Assistant in the Air Corps Unit, in the Department of Military Science, beginning at the opening of the first semester, and continuing until July 1, 1930, at a cash compensation at the rate of ten dollars (\$10) a month. (September 28, 1929)

Rosenberg, Mildred, Stenographer in the Department of Pathology and Bacteriology, in the College of Medicine, on three-fourths time, for one year beginning September 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation of nine hundred dollars (\$900). (September 30, 1929)

Rubin, H. H., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for four months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (October 3, 1929)

Schooley, Frank, Assistant to the Publicity Director, on three-fourths time, for one year beginning September 1, 1929, at a cash compensation of one thousand five hundred dollars (\$1500), and Assistant in Journalism, on one-fourth time, for ten months beginning September 1, 1929, at a cash compensation of five hundred dollars (\$500). (September 20, 1929)

Schreiber, William I., Assistant in German, on one-half time, beginning at the opening of the first semester, and continuing until July 1, 1930, at a cash compensation at the rate of sixty-five dollars (\$65) a month. (September 30, 1929)

Scuderi, Carlo S., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (October 4, 1929)

Shapiro, Phillip, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (October 3, 1929)

Silverstone, Eugene Henry, Student Assistant in Anatomy, in the College of Medicine, on one-eighth time, for eight months beginning October 1, 1929, to receive tuition and laboratory fees. (October 3, 1929)

Smith, W. N., Assistant in Physics, in the College of Engineering, on three-fourths time, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of one hundred five dollars (\$105) a month, this superseding his previous appointment. (September 24, 1929)

Sparks, F. M., Assistant in Physics, in the College of Engineering, on three-fourths time, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of one hundred five dollars (\$105) a month, this superseding his previous appointment. (September 24, 1929)

Stampfli, Joseph Gail, Assistant in Chemistry, on one-fourth time, for nine months beginning October 1, 1929, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 4, 1929)

Stephens, Harry H., Assistant in Obstetrics, in the Department of Obstetrics and Gynecology, in the College of Medicine, for eleven months beginning October 1, 1929, without salary. (October 3, 1929)

Stouffer, Ernest Lawrence, University Superintendent of Building Construction, in the Physical Plant Department, in the Office of the Supervising Architect, for eleven months beginning October 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of three hundred fifty dollars (\$350) a month. (October 3, 1929)

Tucker, LeRoy, Associate in Theoretical and Applied Mechanics, in the College of Engineering, beginning at the opening of the first semester, and continuing until June 30, 1930, at a cash compensation at the rate of three hundred dollars (\$300) a month. (September 24, 1929)

Wallace, Hawthorne Collins, Associate in Surgery, in the College of Medicine, for eleven months beginning October 1, 1929, without salary. (September 24, 1929)

Walz, Louis G., Assistant in Zoology, on one-half time, beginning at the opening of the first semester, and continuing until January 31, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (September 25, 1929)

Weiner, S. I., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for four months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (October 3, 1929)

Werner, C. O., Assistant in Chemistry, on one-fourth time, beginning September 20, 1929, and continuing until February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (September 24, 1929)

Wilcox, Walter W., Assistant in Farm Organization and Management, in the Agricultural Experiment Station, on one-half time, for nine months beginning October 1, 1929, at a cash compensation at the rate of sixty dollars (\$60) a month. (September 24, 1929)

Woodrow, H. W., Assistant in Chemistry, on three-fourths time, for nine months beginning October 1, 1929, at a cash compensation at the rate of one hundred five dollars (\$105) a month, this superseding his previous appointment. (October 4, 1929)

Zechel, Gustav, Instructor in Anatomy, in the College of Medicine, on three-fourths time, for eleven months beginning October 1, 1929, at a cash compensation at the rate of one hundred seventy-five dollars (\$175) a month, this superseding his previous appointment. (October 4, 1929)

Zugschwerdt, W. H., Assistant in Chemistry, on one-fourth time, for nine months beginning October 1, 1929, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 4, 1929)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

November 15, 1929



The November meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Friday, November 15, 1929.

The following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees.

President Kinley was present; also Professor J. M. White, Supervising Architect.

President Armstrong reported that he had ordered the change in place of this meeting on request of several members of the Board and by unanimous consent.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of September 18 and October 10, 1929.

On motion of Mrs. Evans, the minutes were approved as printed on pages 351 to 428 above.

IN MEMORY OF ROBERT RUSSELL WARD

On motion of Dr. Noble, the following resolution was adopted:

WHEREAS the late Honorable Robert Russell Ward was a member of the Board of Trustees of the University of Illinois from 1915 to 1921 and from 1927 to 1928, and

WHEREAS in his death on October 19, 1929, the Board of Trustees lost an honored colleague, the University a loyal alumnus, and the State a distinguished citizen,

THEREFORE BE IT RESOLVED that the Board of Trustees of the University of Illinois hereby desires to express to the members of his family its heartfelt sympathy with them in their loss and that this testimony of its appreciation and sorrow be spread upon the Minutes and that a copy of this resolution be sent to the members of his family.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

LEAVE OF ABSENCE FOR JUDGE JOHNSON

(1) Judge Johnson has been appointed by President Hoover a member of the American Commission to represent the United States at the Millennial Celebration of Iceland in 1930. This will necessitate his absence from the country from about the first week in June until approximately the first of August, 1930.

I recommend that leave of absence be granted Judge Johnson for this purpose for such time as necessary from the necessary date in June until the close of the summer vacation.

On motion of Mrs. Grigsby, this leave was granted.

SICK LEAVE FOR MISS HELEN PEFFER

(2) Miss Helen Peffer, Assistant in the School of Journalism, has been absent on account of illness since October 10, or thereabouts. Her work thus far has been carried by her associates. I therefore recommend that she be given sick leave on pay from October 10 to date, November 15.

On motion of Mrs. Busey, this leave was granted.

LEAVE OF ABSENCE FOR DEAN M. S. KETCHUM

(3) Dean M. S. Ketchum of the College of Engineering has been ill since September and there is no likelihood now that he will be able to return to his duties before the beginning of the second semester. In the meantime his work is being taken care of by Assistant Dean Jordan.

I recommend that Dean Ketchum be given sick leave on full pay from September 1, 1929, to January 31, 1930, or such portion of that time as may be necessary.

On motion of Mr. Barr, this recommendation was adopted.

REQUEST FROM MR. MOREY

(4) A request from Mr. Morey for a modification of the terms of his leave of absence for the first semester.

On motion of Mr. Barr, this matter was referred to the President of the University with power to act.

RELEASE OF PROFESSOR CHARLES F. GREEN

(5) A request from Dr. Charles F. Green, Assistant Professor of Mathematics, that he be released from his position and contract beginning November 16, to enable him to accept a position with the General Electric Company which offers him an unusual opportunity to be of service in research work in the development of means of safety in the operation of aeroplanes.

Professor Carmichael, the head of the Department of Mathematics, and Dean Babcock recommend that Professor Green be released. I concur.

On motion of Mr. Simpson, this release was granted.

**CONTINUATION IN ACTIVE SERVICE OF PROFESSOR
W. S. BAYLEY**

(6) A request from Professor W. S. Bayley, head of the Department of Geology, who, under the rules, is due for retirement at the end of the present academic year, that he be continued in active service in his present position for one year beginning September, 1930.

I have consulted a majority of the members of the department of higher rank, and other officers, and finding them preponderantly of the opinion that the interests of the department will be promoted by continuing Professor Bayley in service for another year, I so recommend.

On motion of Mr. Trees, this recommendation was adopted.

**APPROPRIATION FOR PROPOSED SURVEY OF COLLEGES OF
PHARMACY AND PHARMACEUTICAL EDUCATION.**

(7) A request from Dean W. B. Day of the School of Pharmacy that the University contribute \$100 a year for three years toward a survey of schools of pharmacy and pharmaceutical education to be conducted by the American Association of Colleges of Pharmacy, and a recommendation that an appropriation of \$100 be made as payment for the current year.

On motion of Mr. Trees, this project was approved and the appropriation was made as recommended, by the following vote: Aye, Mr. Barr, Mrs. Evans, Mrs. Grigsby, Mr. Simpson, Mr. Trees; no, Mr. Armstrong, Mrs. Busey, Mr. Fisher, Dr. Noble; absent, Mr. Blair, Mr. Emerson.

APPROPRIATION FOR ELECTRICAL ENGINEERING LABORATORY

(8) A request from the Supervising Architect for an additional appropriation of \$5,000 for the rewiring of the remodeled Electrical Engineering Laboratory and the resetting of equipment.

I recommend that \$5,000 be appropriated from the Reserve and Contingent Fund for this purpose.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emerson, Mr. Trees.

PURCHASE OF COAL FOR POWER PLANT

(9) A recommendation from the Acting Comptroller, Mr. H. M. Edwards, concurred in by the Supervising Architect, that the responsibility for the purchase of coal for use in the Power Plant at Urbana be placed on the Supervising Architect, who is in charge of operation, with authority to act for the Comptroller in the consummation of such purchases. On receipt of requisitions covering purchases made in this way bearing the approval of the Supervising Architect the Acting Comptroller will authorize the issuance of Purchase Orders to confirm the transactions.

Mr. Edwards further requests that the delegation of this authority be limited to the period of his service as Acting Comptroller, and that the continuation of this arrangement after such period be subject to confirmation by Mr. Morey on his return, February 1, 1930.

I recommend approval of this arrangement.

On motion of Mr. Trees, this recommendation was adopted.

**PURCHASE OF MILLING MACHINE FOR DEPARTMENT
OF CHEMISTRY**

(10) On recommendation of Dean Babcock of the College of Liberal Arts and Sciences based on a request of Professor Roger Adams, Head of the Department of Chemistry,

I ask permission to authorize the purchase of a milling machine for the Department of Chemistry at a cost of \$1946.50 including freight, the amount to be charged against the appropriation for Special Equipment in the College of Liberal Arts and Sciences.

On motion of Dr. Noble, this purchase was authorized.

REPORT ON PURCHASE OF CRANE

(11) A report of the purchase of a gasoline-operated crane for handling coal, from the Link-Belt Company, in accordance with the action of the Board at its meeting on October 10. The purchase of this equipment was authorized at this meeting, subject to the written approval of Mr. Trees and a statement from the Supervising Architect certifying that certain questions which were raised at the meeting had been satisfactorily answered. The specifications were checked over by Professor White and Mr. Trees approved the purchase.

This report was received for record.

EQUIPMENT FOR DEPARTMENT OF PHYSICS

(12) An appropriation of \$15,000 for special equipment for the College of Engineering was approved by the Board in the annual budget. The Dean of the College of Engineering has approved a requisition from the head of the Department of Physics for a glass spectrograph of a certain model to cost, with duty, brokerage, freight, insurance, etc., \$2,425, the amount to be charged against the appropriation already made. I have approved and authorized this purchase for the reasons that these articles are manufactured specially and that two of them happened to be on the manufacturer's hands in Germany, likely to be sold any day, and not replaceable before next spring.

On motion of Mr. Simpson, the President's action in this matter was confirmed.

PURCHASE OF CALVES FOR EXPERIMENTAL PURPOSES FOR THE DEPARTMENT OF ANIMAL HUSBANDRY

(13) The following letter from the Acting Comptroller concerning a requisition submitted to him by the Department of Animal Husbandry for the purchase of Hereford calves for experimental purposes:

October 31, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I am enclosing a requisition from the Department of Animal Husbandry calling for the expenditure of approximately \$5500 for two cars of Hereford calves to be purchased from the Chicago Producers Commission Association. This is the Chicago unit of the National Producers Feeder Pool which is a cooperative association for the marketing of livestock.

There is no definite quotation made by the Chicago Producers Commission Association but the price will be determined by the price at which a representative of the Pool who goes into the producing territory, contracts with the producer. The price is based largely upon the central livestock market at the time of purchase. Shipment is made direct from the point of production which, I understand, in this case will be Texas.

The following is a statement from Professor H. P. Rusk concerning this purchase:

"In previous years our cattle purchased through the Pool have been cheaper than similar cattle could have been purchased on the open market. This year I shall not be surprised if our Pool calves cost a little more than a similar grade of calves on the Kansas City market but purchasing through the Pool enables us to buy calves all of one brand, uniform quality and age, and have them shipped to us with the least danger of contracting disease enroute. Public stockyards cannot avoid being a source of infection in many cases. Taking all things into consideration I believe that purchasing through the Pool is our best procedure."

This transaction will follow the procedure employed in the purchase of experimental calves in the past. In 1927 the purchase amounted to \$4500 and was reported to the Board of Trustees at the December, 1927 meeting, and a similar purchase amounting to \$6325 was reported in December, 1928.

I have talked again with Professor Rusk concerning the time the shipment should be made and he states that it should come forward early in November. The time of transit will be from seven to ten days and as the weather will probably grow more severe, the possibility of loss through death and sickness in transit will be increased by delay in shipping. Last year the shipment arrived the first week in December and two of the calves were dead and a number of them sick, due to cold weather. Another reason for early shipment is that the more choice grade of stock will be available.

As this purchase would not permit competitive quotations and as it is important that early shipment be made, I request that I be authorized to place the order at once if possible.

Very truly yours,

H. M. EDWARDS
Acting Comptroller

I authorized this purchase.

On motion of Mr. Fisher, this action was confirmed.

AGREEMENTS FOR OPERATION OF THE CARTER-PENNELL FARMS

(14) A recommendation from Dean Mumford for approval of new leases or articles of agreement with Messrs. John P. Hanson and Harry P. Irvin for the operation of the Carter-Pennell farms for the year beginning March 1, 1930.

On motion of Mr. Trees, this matter was referred to the Committee on Agriculture for consideration and report.

LOCATION OF WOMAN'S GYMNASIUM

(15) A request from the Supervising Architect for approval of the Site for the new Woman's Gymnasium, south of the Woman's Residence Hall.

On motion of Mrs. Evans, this location was approved.

On motion of Dr. Noble, the general design of the Woman's Gymnasium was approved.

APPROVAL OF PLANS FOR NEW MEDICAL BUILDING AND CHEMISTRY ANNEX

(16) A request from the Supervising Architect for the approval of the plans for the new Medical Building in Chicago and the plans for the Chemistry Annex.

On motion of Mrs. Grigsby, the floor plans and general scheme of the medical unit were approved, subject to a restudy of the general architectural effect to be approved by a special committee composed of Mr. Trees, Dr. Noble, and Mr. Fisher.

On motion of Mr. Trees, the plans for the Chemistry Annex were approved.

PAVING WRIGHT STREET

(17) A recommendation from the Supervising Architect that the project to pave Wright Street to a width of thirty-seven feet from University to Springfield Avenues, and of fifty-two feet from Springfield to Armory Avenues, be approved. The total to be paid by the University, including storm drainage sewers and other improvements, is estimated at \$54,000. I concur, provided that we do not thereby convey any of our rights in any University property which may be included in the street.

On motion of Mr. Trees, the recommendation of the President of the University for the paving of Wright Street according to the suggestions of the Supervising Architect was approved, with the reservation that the Board does not thereby waive any rights in the property, and with the proviso that, unless there are engineering or other valid objections, the pavement be made fifty-two feet wide throughout.

SALE OF KEY SYSTEM TRANSIT COMPANY BONDS

(18) A report from the Acting Comptroller that in accordance with the action of the Board on September 18 (Minutes, page 358) the Treasurer of the University has disposed of the bonds of the Key System Transit Company, par value \$5,000, at a price of \$16, making a gross return of \$800 from which is to be deducted \$12.50 for commission and \$34.37 for attorneys' fees, the latter payable to Cushing & Cushing of San Francisco for services rendered by them in connection with this matter.

The net return, amounting to \$753.13, has been credited to the Russell Loan Fund.

This report was received for record.

CANCELLATION OF DENTAL BUILDING BONDS

(19) A report from the Acting Comptroller that, in accordance with the action of the Board of Trustees on October 10, 1929, \$1500 of first mortgage bonds of the College of Dentistry Building, purchased from University funds, have been cancelled as of December 31, 1929, the next interest date.

This report was received for record.

SUIT AGAINST THE UNIVERSITY BY BERTHA KAPLAN

(20) Miss Bertha Kaplan (now Mrs. Morris Spector) was appointed last January for eight months at a salary of \$183.33 a month as Instructor of Internal Medicine in the Department of Medicine. It appears that she absented herself during July and August, having informed Doctor Williamson that she was resigning, effective July 1. On the basis of that report her salary was stopped at the end of June. She is now suing for her salary for July and August. Her case is pending.

This report was received for record.

LOSS OF GOLD CRUCIBLE BY DEPARTMENT OF CHEMISTRY

(21) A report from the Acting Comptroller of the disappearance from the Department of Chemistry of a gold crucible, valued at \$48.66, some time between October 16 and 22. This crucible was lost while in the custody of Mr. Edward McMahan, an assistant in the Department, to whom it had been issued for use in his research work by Associate Professor C. S. Marvel, under whom Mr. McMahan works.

This report was received for record.

**PAYMENT OF DEATH BENEFIT IN THE CASE OF
PROFESSOR C. S. CRANDALL**

(22) A report from the Acting Comptroller that he has paid the death benefit, amounting to \$1,102.50, due in the case of Professor C. S. Crandall, to Mr. H. S. Capron, of Champaign, Executor of Professor Crandall's estate.

This report was received for record.

TRANSFER OF PATENT RIGHTS IN PHOSPHORUS TEST

(23) A report from the Secretary of the Board that he has received from Brown, Jackson, Boettcher, & Diener, patent attorneys, the assignment of Mr. Roger H. Bray transferring to the University the whole right, title, and interest in and to the invention disclosed in his application for U. S. Letters Patent Serial No. 386,387, filed August 16, 1929, covering an improvement in Chemical Test, Case 1, (Test for Available Phosphorus in Soils).

This report was received for record.

SALE OF SOLUTION FOR TESTING SOILS FOR PHOSPHORUS

(24) On September 18, 1929 (Minutes, page 363), the Board authorized the Urbana Laboratories to manufacture and sell under certain specified conditions, a solution for testing soils for phosphorus, without the payment of royalties, until November 1, 1929, at the end of which period the question of the payment of royalty should be reviewed. This is the solution for the patent of which Mr. Bray has an application pending.

The Urbana Laboratories requests permission to continue the manufacture and sale of this solution after November 1, 1929. As the Executive Agent of the Board I authorized the company to continue this manufacture and sale until further notice,

but not extending beyond Wednesday, November 20, this permission being subject to confirmation by the Board, and to its decision as to the question of royalties.

On motion of Mrs. Evans, this action was confirmed, and the President of the University was directed to make further inquiry and to report at the next meeting of the Board.

ASSESSMENT OF CEMETERIES FOR LOCAL IMPROVEMENTS

(25) The following report from the Legal Counsel on the liability of cemeteries for assessments for local improvements.

October 18, 1929

Mr. A. J. Janata, 355 Administration (West)

MY DEAR MR. JANATA:

I have been considering your question communicated in your letter of October 14, concerning the liability of cemeteries for assessments for local improvements.

Under the Constitution, both of 1848 and 1870, the Legislature is given the power to exempt certain property from taxation. Under the Constitution of 1848, Section 3 of Article IX, the Supreme Court of Illinois held that the Legislature had no power to exempt the property of cemetery associations from assessments for local improvements; that the exemption authorized by the Constitution had reference to the exercise of the power to levy general taxes. Section 3 of Article IX of the Constitution of 1870 seems to me not to have changed in any material particular Section 3 of Article IX of the Constitution of 1848 on this precise point. Nor do I find in the Statutes of the State any specific exemption of the property of cemetery associations, although the language of Subsection 3 of Section 2 of Chapter 120 exempts from taxation all lands used exclusively as graveyards or grounds for burying the dead. Under the construction put upon the Constitution of 1848 in *City of Chicago v. Baptist Theological Union*, 115 Ill. 245 (1885), I do not believe this would be construed as evidencing an intent to exempt such property from special assessments for local improvements. Of course, private property in a cemetery cannot be sold for such assessments under an order of sale for a delinquent assessment against the property of the association. See *People, etc., v. Bloomington Cem. Assn.*, 266 Ill. 32. Nor would the court, I presume, order a sale of lots in which interment had been made in order to pay delinquent assessments.

I am of the opinion that the property of cemetery associations is not exempt from liability to assessment for local improvements.

Very truly yours,

SVEINBJORN JOHNSON
Legal Counsel

This report was received for record.

PURCHASE OF MICROSCOPES

(26) A requisition from the head of the Department of Zoology, approved by the Dean of the College of Liberal Arts and Sciences, for twenty-four microscopes to be charged against funds provided for this equipment in the budget of this department. The Acting Comptroller submits a schedule of quotations received by the Acting Purchasing Agent on this equipment and they recommend that the order be placed with the Bausch & Lomb Optical Company, whose net price, after deducting the allowance they will make on old microscopes which will be turned in as part-payment for the new ones, is \$1,210.42, the lowest quotation received.

On motion of Mr. Barr, this purchase was authorized.

ASSESSMENT FOR SEWERS IN CHICAGO

(27) A report on the special assessment for a proposed system of sewers in Chicago (see Minutes, September 18, 1929, page 358, and October 10, 1929, page 403).

On motion of Mr. Fisher, the President of the University was directed to file objection to the assessment and to notify the assessors that while the University is not bound to pay such assessments, it has taken the ground that it should not stand in the way of public im-

provements and would voluntarily accept its share of the assessment, on condition that if any other assessments for this project are reduced, the University's assessment will be correspondingly reduced.

TELEPHONE PAY STATION IN LIBRARY BUILDING

(28) A recommendation from the Supervising Architect that the Illinois Bell Telephone Company be permitted to install a pay station in the Library Building.

I recommend approval of the following license granting the Illinois Bell Telephone Company this permission.

Permission is hereby granted to the Illinois Bell Telephone Company, its successors and assigns, to construct, operate, and maintain a pay station in the University of Illinois Library Building, Urbana, Illinois, at a place to be designated by the Supervising Architect.

This permission is granted with the understanding that the Illinois Bell Telephone Company will upon ten (10) days notice make such changes, alterations or removals of its property located and maintained, as above set out, as may be requested by the University of Illinois, and will indemnify and save harmless the owners of said property from any and all damages of the said property by reason of any negligence in the construction and maintenance of said company's equipment on the above property.

THE BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

H. E. CUNNINGHAM
Secretary

H. M. EDWARDS
Acting Comptroller

Approved:

SVEINBJORN JOHNSON
Legal Counsel

Approved:

JAMES M. WHITE
Supervising Architect

D. KINLEY
President

On motion of Dr. Noble, this recommendation was adopted.

TRANSFER OF PATENT RIGHTS IN CELLULOSE DIGESTION

(29) A report from the Secretary of the Board that he has received from Brown, Jackson, Boettcher, & Dienner, Attorneys, the Assignment of Arthur M. Buswell and Clair S. Boruff transferring to the University all of their right, title, and interest in their application for United States Letters Patent Serial No. 386,080, covering an improvement in Cellulose Digestion, filed August 15, 1929, Case 1. (Process for the production of gas by the fermentation of cornstalks.)

This report was received for record.

OWNERSHIP OF PENNSYLVANIA AVENUE

(30) A letter from the Supervising Architect:

October 24, 1929

President David Kinley, 355 Administration (W)

MY DEAR PRESIDENT KINLEY:

The minutes of the Board of Trustees in their First Annual Report, page 147, dated October 18, 1867, contain the following entry:

"Mr Cunningham moved that permission be given to the road commissioners of Urbana township to lay out a road on the south side of the 160 acres known as the Model Farm. Referred to Committee on Farm."

This 160 acres extends from the east and west line thru the center of Armory Avenue to the north line of the cemetery and from Lincoln Avenue to Fourth Street. The part of the 160 acres bordering the cemetery was bought in three parcels and all three abstracts describe the property purchased by the University as extending to the

present north line of the cemetery. The part of that 160 acres fronting on Lincoln Avenue was bought in two parcels, and the Augustus tract fronting on Lincoln Avenue and south of the Forestry extends the University ownership to Florida Street.

There is a section corner stone in the intersection of Lincoln and Florida, and a half-section stone in Lincoln Avenue on the north line of the Forestry. The deeds for the two pieces which were a part of the 160 acres called for property south to the north line of the Augustus property which is the north cemetery line extended, and the deed for the Augustus property gives us title from that point to the section line.

These deeds, therefore, give the University title to a continuous strip of property between Florida and the north line of the Forestry. There is no question but that Pennsylvania Avenue from Lincoln to Fourth is entirely on the 160 acres referred to in the minutes as the Model Farm. The Gallivan Addition as platted extends over on to the University property approximately three feet.

Yours truly,

JAMES M. WHITE
Supervising Architect

This report was received for record.

CONTRACT WITH DE FOREST PHONOFILMS, INC.

(31) A letter from the Legal Counsel:

October 25, 1929

President David Kinley, 355 Administration (W.)

MY DEAR PRESIDENT KINLEY:

I enclose copy of a letter written yesterday to the General Talking Pictures Corporation, 218 West Forty-second Street, New York City, to call attention to the contract with the De Forest Phonofilms, Inc., concerning the Jacob Kunz patent.

Yours very truly,

SVEINBJORN JOHNSON
Legal Counsel

October 24, 1929

General Talking Pictures Corporation, 218 West Forty-second Street, New York, N. Y.

GENTLEMEN:

This is to call attention to the contract with De Forest Phonofilms, Inc., concerning the Jacob Kunz patent, no. 1381474, under which you have made one quarterly report, namely for the quarter ending March 31, 1929.

The Business Office has, in several communications and by telegraph, called attention to your failure to make the quarterly accounting as stipulated in paragraph 7 of the contract. You are in default for two quarters at this time.

The eleventh paragraph in the contract reads as follows:

"The Licensor shall have the right to terminate this agreement if the Licensee shall fail or refuse to comply fully with the terms hereof. In case the Licensor desires to terminate this agreement because of any default of the Licensee, the Licensor shall serve notice in writing upon the Licensee stating the character of such default and its intention to terminate this agreement. The Licensee shall then have thirty (30) days within which to comply with the terms of this agreement and in case of its failure to do so, this agreement shall become *ipso facto* terminated."

This matter has been referred to my office for attention, and will you kindly communicate with me in this connection immediately?

Yours very truly,

SVEINBJORN JOHNSON

On motion of Mr. Barr, the President of the University was authorized to serve legal notice to terminate this contract.

INVESTIGATION OF REINFORCED CONCRETE ARCHES

(32) A request from Assistant Dean Jordan of the College of Engineering for approval of an agreement with the Bureau of Public Roads of the United States Department of Agriculture for an investigation of reinforced concrete arches to be made by the En-

gineering Experiment Station. This agreement is for four years beginning January 1, 1930, with the understanding that it may be extended on mutual agreement. The Bureau agrees to pay \$12,000, and the American Society of Civil Engineers and the Engineering Foundation will contribute an equal amount for the expenses of this investigation making a total of \$24,000 for the four-year period. The Bureau further agrees that if the contributions from other parties exceed \$12,000, it will contribute additional funds equal to the total contributions received from other sources in excess of that sum, but not to exceed \$20,000. Professor W. L. Wilson of the Department of Civil Engineering, who will be in charge of the investigation, hopes that other outside agencies will provide \$8,000 which will bring \$8,000 more from the Bureau of Public Roads, thus making a total of \$40,000.

I recommend the approval of this agreement.

On motion of Mrs. Evans, this agreement was approved.

GIFTS TO THE UNIVERSITY

(33) The following report of gifts received by the University since the last report was made to the Board.

1. From the E. I. DuPont De Nemours & Company, \$750 for the renewal of the DuPont Fellowship for 1930-31.

2. From the W. A. Jones Foundry & Machine Company, two worm gear speed reducers valued at approximately \$500 for the use of the Department of Mechanical Engineering.

3. From the Cadillac Motor Car Company, one sectionalized Cadillac motor car chassis, the original cost of which was approximately \$10,000, for the use of the Department of Mechanical Engineering.

This report was received for record.

REPORT OF ARTHUR YOUNG & COMPANY OF THE AUDIT OF THE UNIVERSITY ACCOUNTS

(34) The following report from Messrs. Arthur Young & Company of the audit of the accounts of the University for the quarter ending September 30, 1929.

Board of Trustees, University of Illinois, Urbana, Illinois

October 29, 1929

DEAR SIRS:

We have audited the books of the University of Illinois for the quarter ending September 30, 1929, and submit the following brief summary of the work done and the result of the audit:

The Cash Receipts have been verified by checking all cash receipts vouchers into the cash book, supplemented by an examination of a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and those certified to the State Auditor have been checked into the cash book, and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipt of goods or services by the University. The footings of the cash book have been approved.

The cash balance in the hands of the University Treasurer as at September 30, 1929, together with the securities in his custody, as shown by the books of account, have been verified by actual inspection and confirmation from depositories.

The Income for the quarter under audit has been verified by extensive detail checking and comparison with the files of the Registrar, the Principal of the University High School, the School of Music, Sales Departments and other independent records.

The accounts of the Chicago Departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct.

The records of the meetings of the Board of Trustees of July 17 and September 18, 1929, have been examined and all actions affecting the finances of the University, in so far as they had been consummated up to the time of our audit, have been checked into the books of account. A similar examination has been made of the minutes of previous meetings with respect to items that had not been consummated at the time of previous audits.

The records of the Purchase Department have been examined, and a number of the larger purchase orders issued have been compared with relative bids and quotations.

We hereby certify, that so far as we have been able to ascertain by an extended detail examination,

All Income which the University should have received during the quarter ending September 30, 1929, has been received and duly accounted for.

All Disbursements have been made for University purposes and have been properly authorized, and the expenditures have been correctly recorded in the books of account.

The Cash and Securities as shown by the books at September 30, 1929, are correct in amount and have been verified by actual inspection, count or direct confirmation from the depositories.

The Report of the Comptroller to the Board of Trustees for the quarter ending September 30, 1929, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The Financial Report of the Comptroller to the Governor of the State of Illinois for the quarter ending September 30, 1929, and the Final Report of September 30, 1929, covering the appropriations for the biennial period 1927 to 1929, are in accordance with the books and, in our opinion, are correct.

Yours faithfully,

ARTHUR YOUNG & Co.

This report was received for record.

REPORT OF PURCHASE ORDERS

(35) The following report from the Comptroller of purchase orders, amounting to \$1,000 or more, issued since the last report. There have been no contracts executed by the Acting Comptroller during that period.

PURCHASE ORDERS ISSUED IN OCTOBER AMOUNTING TO \$1000 OR MORE

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Charged to Appropriation for</i>	<i>Procedure</i>
Link Belt Company	Crawler Crane	\$10 360 00	Physical Plant	Physical Plant Extension	Competitive
D. Hill Nursery	Trees	3 825 00	Supervising Architect	Physical Plant Extension	Quoted
Charles Fiore Nurseries	Trees	2 700 00	Supervising Architect	Physical Plant Extension	Quoted
Bell and Zoller Coal Company	Coal	1 440 00	Physical Plant	Coal Storage	Quoted

J. E. MILLIZEN

Acting Purchasing Agent

This report was received for record.

AMENDMENT TO ARTICLE 46 OF THE STATUTES

(36) A suggestion that article 46 of the University statutes as printed in the "Extracts from the Laws of the Board of Trustees," 1926, be considered for possible clarification.

Action on this matter was deferred

MEETING OF EXECUTIVE COMMITTEE, OCTOBER 26, 1929

The Secretary presented for record the minutes of a meeting of the Executive Committee.

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9 o'clock a.m. on Saturday, October 26, 1929. Mr. James W. Armstrong, Chairman, Mr. Merle J. Trees and Mrs. Helen M. Grigsby, members of the committee, and President David Kinley were present.

The Executive Committee considered the following matters presented by the President of the University.

BINDER MATERIALS FOR PAVING

(1) A recommendation that the Supervising Architect be permitted and authorized to experiment with binder materials of several companies on sections of our campus

drives, the binder materials to be furnished by the companies without cost to the University.¹

On motion of Mrs. Grigsby, this permission was granted.

APPROPRIATION FOR MOVING OF DEPARTMENTS

(2) A request from the Supervising Architect for an appropriation of \$2,000 for the moving of departments.

This includes moving of departments into Lincoln Hall; the redistribution of books in the first unit of the new Library necessitated by the moving of the seminars from Lincoln Hall; the moving of the English seminar from the top floor of the first unit to the third floor of the third unit; also the rearrangement of the newspaper files; none of these were included in Professor White's estimate in requesting an appropriation of \$1,000 which was made at the July meeting of the Board for the moving of books into the Library.

I recommend that an appropriation of \$2,000 be made from the Reserve and Contingent Fund for this purpose.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mrs. Grigsby, Mr. Trees.

REMOVAL OF LUNCH WAGON AT CORNER OF ARMORY AVENUE AND FOURTH STREET

(3) For a long time a lunch wagon on wheels has occupied space on our property at the corner of Armory Avenue and Fourth Street.

I recommend that this lunch wagon be ordered removed.

On motion of Mr. Trees, this recommendation was adopted.

CASHIER IN DISPENSARY

(4) A recommendation from the Acting Comptroller that the position of Dispensary Cashier be established in the Dispensary of the College of Medicine at a salary of \$1200 per year beginning November 1, 1929.

This will provide a central cashier to make collections of all dispensary charges hitherto collected in the Dispensary, Drug Room, and in the Department of Dermatology.

Since the other duties of attendants in the separate departments hitherto authorized to collect these charges have become too onerous to admit of their continuing to perform it, I concur in this recommendation and recommend further that an appropriation of \$1,000 be made from the Reserve and Contingent Fund to provide the salary of this position for the balance of the fiscal year 1929-1930.

On motion of Mrs. Grigsby, this recommendation was adopted and the appropriation was made by the following vote: Aye, Mr. Armstrong, Mrs. Grigsby, Mr. Trees.

PURCHASE OF NEW ORGAN FOR SCHOOL OF MUSIC

(5) A letter from Director Stiven stating that the Wicks Pipe Organ Company has offered to exchange the present organ installed by them in 1920 for a new three-manual teaching organ at a price of \$1400 plus the cost of installation, which will amount to \$125. The original cash consideration proposed was \$1250, but Professor Stiven wishes to add six couplers at \$25 each, not included in the original specifications. A new organ of this type would cost from \$5,000 to \$6,000, but since the Wicks Company's present organ is a poor instrument in comparison with their new product the Wicks Company is willing to make this concession in price. The Supervising Architect has visited their factory and reports that their manufacturing methods have been greatly improved. Deans and directors of other schools of music in the middle west testify to the quality of the new Wicks organ.

Director Stiven recommends that a new organ be purchased in exchange for the old on the above basis, the cost and installation charges to be paid from the funds appropriated for special equipment for the School of Music for 1929-1930. I concur and recommend that authority be given the Comptroller and Secretary of the Board to execute a contract for this purpose.

On motion of Mrs. Grigsby, this purchase was authorized as recommended.

The Executive Committee adjourned.

H. E. CUNNINGHAM
Clerk

J. W. ARMSTRONG
HELEN M. GRIGSBY
MERLE J. TREES

¹See page 441.

MEETING OF EXECUTIVE COMMITTEE NOVEMBER 15, 1929

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held in Chicago on Friday, November 15, 1929. Present, Mr. Armstrong, Mrs. Grigsby, Mr. Trees, and President Kinley.

President Kinley requested that the action of the Committee on October 26, 1929, concerning experiments with binder materials, be reconsidered. On motion of Mrs. Grigsby, this action was reconsidered.

President Kinley requested that the action be stated as follows:

BINDER MATERIALS FOR PAVING

(1) A recommendation that the Supervising Architect be permitted and authorized to experiment with binder materials of several companies on sections of our campus drives, the expense (\$600) to be met out of funds already appropriated for Physical Plant extension.

On motion of Mr. Trees, this recommendation was adopted.

The Executive Committee adjourned.

H. E. CUNNINGHAM
Clerk

J. W. ARMSTRONG
HELEN M. GRIGSBY
M. J. TREES

SPECIAL COMMITTEES ON BUDGET MATTERS

Mr. Trees, for the Special Committee on budget matters, presented the following report.

The committee appointed to study budget matters recommends approval of the President's policy of bringing to any meeting of the Board or of the Executive Committee recommendations in reference to any salary or budget adjustments.

On motion of Mr. Trees, this report was adopted.

MOTION TO RECONSIDER APPROVAL OF MINUTES

Mr. Barr offered a motion that the action (page 429) approving the minutes of the meeting of September 18, 1929, be reconsidered. This motion was lost by a vote of five to three.

MCKINLEY HOSPITAL REPORT

Dr. Noble, for the Special Committee on the McKinley Hospital, to which committee the financial report of the Hospital for the past year was referred, made a report of progress.

NAMING STREETS AND BUILDINGS

Mr. Barr, for the Special Committee on naming streets and buildings, made a report of progress and asked for more time.

PRESIDENT'S HOUSE

Mr. Barr, for the Committee on Buildings and Grounds, reported progress and asked Professor White to make a statement on the plans for a house for the President of the University.

Professor White presented preliminary plans and sketches.

On motion of Dr. Noble, the report was received for record and the committee was given further time for the consideration of this matter.

On motion of Mr. Barr, the committee were authorized, if they deem it advisable, to secure the cooperation of Mr. Platt on the plans for the President's house.

PLACE OF DECEMBER MEETING

It was voted, on motion of Dr. Noble, that the December meeting be held in Chicago at 9:30 a.m. on Tuesday, December 10, 1929.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record a list of appointments made by the President of the University.

Aaronson, Abe L., Instructor in Physiological Chemistry, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, on one-fifth time, for ten months beginning November 1, 1929, at a cash compensation at the rate of thirty dollars (\$30) a month. (October 30, 1929)¹

Andersen, A. L., Animal Keeper in the Department of Surgery, in the College of Medicine, on one-half time, beginning October 9, 1929, and continuing until September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of fifty-seven dollars and fifty cents (\$57.50) a month, this superseding his previous appointment. (November 6, 1929)

Archdeacon, Maude, Stenographer in the Office of the University Press, beginning October 7, 1929, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 9, 1929)

Batko, John B., Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (October 21, 1929)

Bazola, Fred Norman, Instructor of Prosthetic Dentistry, in the Department of Prosthetics, in the College of Dentistry, on one-fourth time, (three half days per week) for ten months beginning November 1, 1929, at a cash compensation at the rate of forty-one dollars and sixty-six cents (\$41.66) a month. (November 1, 1929)

Berg, Herbert, Research Graduate Assistant in Gas Engineering, in the Engineering Experiment Station, and in the College of Engineering, beginning October 1, 1929, and continuing until June 30, 1931 (not including July and August), at a cash compensation at the rate of sixty dollars (\$60) a month. (October 8, 1929)

Bergen, Samuel, Assistant in the Department of Dermatology, in the College of Medicine, on one-fifth time, for eleven months beginning October 1, 1929, at a cash compensation at the rate of twenty dollars (\$20) a month. (October 8, 1929)

Blaisdell, Calla, Junior Stenographer in the Purchasing Division of the Business Office, for ten months beginning November 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (October 9, 1929)

Boelio, L. N., Assistant in the Department of Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of forty-six dollars eighty-seven and one-half cents (\$46.87½) a month. (October 8, 1929)

Browning, Levi Martin, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (October 21, 1929)

Burns, Anna Elizabeth, Stenographer in the Agricultural Extension Service, in the College of Agriculture, for ten months beginning November 1, 1929, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (October 25, 1929)

Caro, Marcus R., Assistant in the Department of Dermatology, in the College of Medicine, for eleven months beginning October 1, 1929, without salary. (October 8, 1929)

Carr, Claire Eugene, Assistant in Anatomy, in the College of Medicine, on one-fourth time, for eight months beginning October 1, 1929, at a cash compensation at the rate of twenty-five dollars (\$25) a month. (October 21, 1929)

Davison, Dorothy Stella, Secretary in the Dean's Office, in the College of Medicine, beginning September 20, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of one hundred forty-one dollars sixty-six and two-thirds cents (\$141.66⅔) a month. (October 8, 1929)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

DeLancy, Dorothy G., Instructor in Piano, in the School of Music, beginning October 7, 1929, and continuing until further notice, but not later than June 30, 1930, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month. (October 8, 1929)

DeLano, Percy Joseph, Instructor in the Department of Surgery, in the College of Medicine, for eleven months beginning October 1, 1929, without salary. (October 8, 1929)

Doyle, Marie, Stenographer in the Military Department, for ten months beginning November 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (November 1, 1929)

Farris, Genevieve, Stenographer in Home Economics Extension, Agricultural Extension Service, for eleven months beginning October 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 9, 1929)

Gueth, Edward F., Assistant in the Department of Pharmacology and Therapeutics, in the College of Medicine, beginning October 15, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 21, 1929)

Heermann, Louise B., Dispensary Cashier in the College of Medicine, for ten months beginning November 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month, this superseding her previous appointment. (November 1, 1929)

Jehle, Mimi Ida, Assistant in German, on three-fourths time, beginning October 4, 1929, and continuing until February 1, 1930, at a cash compensation at the rate of one hundred twelve dollars and fifty cents (\$112.50) a month, this superseding her previous appointment; her first appointment to be effective for the semester beginning February 1, 1930. (October 9, 1929)

Kaplin, Lester Davis, Instructor in Prosthetic Dentistry, in the Department of Prosthetics, in the College of Dentistry, on one-fourth time, (three half days per week) for ten months beginning November 1, 1929, at a cash compensation at the rate of forty-one dollars and sixty-six cents (\$41.66) a month. (November 1, 1929)

Michael, George, Assistant Cashier, in the Business Office, for ten months beginning November 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month, this superseding his previous appointment. (October 30, 1929)

Milliken, Margaret E., Serologist in the Hospital Laboratory, in the College of Medicine, for ten months beginning November 1, 1929, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (November 5, 1929)

Peterson, Carolyn, Nurse in the Infirmary, in the College of Dentistry, for eleven months beginning October 1, 1929, at a cash compensation at the rate of one hundred sixty-six dollars sixty-six cents (\$166.66) a month. (October 9, 1929)

Post, George Washington, Jr., Assistant Professor of Surgery, in the College of Medicine, for eleven months beginning October 1, 1929, at a cash compensation at the rate of sixteen dollars (\$16) a month. (October 14, 1929)

Rattner, Herbert, Assistant in the Department of Dermatology, in the College of Medicine, for eleven months beginning October 1, 1929, without salary. (October 8, 1929)

Scuderi, Carlo S., Assistant in the Department of Dermatology, in the College of Medicine, on one-fifth time, for eleven months beginning October 1, 1929, at a cash compensation at the rate of twenty dollars (\$20) a month (this is in addition to his appointment as Assistant in Anatomy). (October 8, 1929)

Skidmore, Zana G., Special Research Assistant in the Department of Bacteriology, on one-half time, beginning October 15, 1929, and continuing until June 30, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (October 21, 1929)

White, A. R., Assistant in Anatomy, in the College of Medicine, on one-half time, for eight months beginning October 1, 1929, at a cash compensation at the rate of sixty-eight dollars and seventy-five cents (\$68.75) a month. (October 21, 1929)

White, Edna M., Stenographer in the Graduate School, beginning October 1, 1929, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 12, 1929)

Williams, Judith, Technician in the Department of Roentgenology, in the College of Dentistry, for ten months beginning November 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (October 30, 1929)

Wood, Raymond F., Bookkeeper, in the Business Office, for ten months beginning November 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty dollars (\$80) a month. (October 30, 1929)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

December 4, 1929



A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Wednesday, December 4, 1929, pursuant to the following call which was sent out by the Secretary on November 29, 1929:

On the call of the President, Mr. James W. Armstrong, a special meeting of the Board of Trustees of the University of Illinois will be held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Wednesday, December 4, 1929, to consider certain matters of finance and appointments, and such other matters as the committees of the Board and the President of the University may present.

The following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President Kinley was present; also Professor J. M. White, Supervising Architect.

President Armstrong stated that this was a special meeting called primarily for the purpose of taking action on the resignation of the Treasurer, and presented the resignation of Mr. A. M. Burke from the office of Treasurer of the University.

After discussion, action on this resignation was deferred.

At this point, Mr. Fisher withdrew for a time; he returned later in the day.

MINUTES PRESENTED

The Secretary presented the minutes of the meeting of November 15, 1929.

Action on the minutes was deferred.

EXECUTIVE COMMITTEE ACTION

The Executive Committee reported its action appropriating \$600, or so much thereof as may be necessary, for the inspection of rooming houses as authorized by the Board on March 12, 1929 (page 151).

This report was received for record.

IN MEMORY OF MRS. CARRIE ALEXANDER-BAHRENBURG

On motion of Mrs. Busey, the following resolution was adopted.

WHEREAS the late Mrs. Carrie Thomas Alexander-Bahrenburg was a member of the Board of Trustees of the University of Illinois from 1901 to 1913, and

WHEREAS in her death on November 25, 1929, the Board of Trustees lost an honored, beloved former colleague, and the University a loyal friend,

THEREFORE BE IT RESOLVED that the Board of Trustees of the University of Illinois hereby desires to express to the members of her family its heartfelt sympathy with them in their loss and that this testimony of its appreciation and sorrow be spread upon the Minutes and that a copy of this resolution be sent to the members of her family.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

APPOINTMENT OF PROFESSOR JULIO JIMÉNEZ RUEDA

(1) A recommendation from Professor Carnahan, concurred in by Dean Babcock, that Professor Julio Jiménez Rueda of the faculty of the University of Mexico be appointed Visiting Professor of Spanish for the second semester, or from February 1 to June 30, 1930, at a salary of \$3,000 and his traveling expenses from the City of Mexico to Champaign-Urbana and return.

I concur in this recommendation.

On motion of Mr. Trees, this recommendation was approved.

APPOINTMENT OF PROFESSOR OF PHYSICS FOR 1930-31

(2) A request for authority to appoint a professor of Physics in place of Professor Libman, resigned, at a salary not to exceed \$6,000, beginning September 1, next.

On motion of Mrs. Evans, this authority was granted.

RESIGNATION OF DR. ETHEL E. LITTLE

(3) A request from Dr. Ethel E. Little, Associate in Hygiene and Medical Adviser for Women, concurred in by Doctor Beard and Director Huff, that she be released from her contract not later than February 1, 1930, and earlier if a successor can be secured before that date, in order that she may accept another position.

I have authorized her release.

This report was received for record.

APPROPRIATION FOR REPAIRS TO EQUIPMENT IN DEPARTMENT OF ELECTRICAL ENGINEERING

(4) A request from Assistant Dean Jordan of the College of Engineering for an appropriation of \$1425 to the Department of Electrical Engineering to reimburse it for expenses already incurred in repairing equipment damaged by the overflow of the Bone Yard Creek and the backing of water into the basement of the Electrical Laboratory, and to pay for the rest of repairs necessary.

I recommend that \$1425, or so much thereof as may be necessary, be appropriated from the Reserve and Contingent Fund for this purpose.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, President Armstrong, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Barr, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

APPROPRIATION FOR MUSEUM CASE

(5) A request from the Curator of the Natural History Museum, concurred in by Dean Babcock, for authority to purchase an additional case for bird specimens, costing \$655, installed, the amount to be charged to the special equipment fund of the College of Liberal Arts and Sciences.

I recommend approval.

On motion of Mrs. Evans, this purchase was authorized.

APPROPRIATION FOR PICTURES FOR COLLEGE OF MEDICINE

(6) A request from Dean D. J. Davis for an appropriation of \$200 for the purchase and framing of pictures of interest to medical students to be hung in the Research Laboratory and Library.

I recommend that an appropriation of \$200 be made from the Reserve and Contingent Fund for this purpose.

On motion of Mr. Trees, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

APPROPRIATION FOR RETIRING ALLOWANCE FOR E. D. BROTHERS

(7) A request from the Acting Comptroller that an appropriation be made to pay the retiring allowance of Mr. E. D. Brothers, Lecturer in Medical Jurisprudence, who was retired, after a service of 24 years, effective September 1, 1929 (Minutes, September 18, 1929, page 360). His retiring allowance amounts to \$147 a year, but provision for it was not made in the budget for this year.

I recommend that an appropriation of \$147 be made from the Reserve and Contingent Fund for this purpose.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

APPROPRIATION FOR PURCHASE OF SAFES FOR DEPARTMENTS OF CHEMISTRY AND AGRONOMY

(8) The Acting Comptroller reports that the present facilities for storing gold and platinum ware used by the Departments of Chemistry and Agronomy do not provide adequate protection against burglary, and recommends that an appropriation of \$500 be made for the purchase of two burglar-proof safes at \$250 each for this purpose.

I recommend that an appropriation of \$500 be made from the Reserve and Contingent Fund for this purpose.

On motion of Mr. Barr, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

PURCHASE OF A SAFE FOR THE STORAGE OF RADIUM IN THE COLLEGE OF MEDICINE

(9) A request from the Dean of the College of Medicine for authority to use part of the Special Equipment Fund of the College for the purchase of a safe (at a cost of approximately \$200) for the storage of radium. The purchase of this radium was authorized by the Board on April 10, 1929 (Minutes, page 158).

I concur.

On motion of Mrs. Busey, this purchase was authorized.

APPROPRIATION FOR PATHOLOGY AND BACTERIOLOGY IN THE COLLEGE OF MEDICINE

(10) On account of the additional number of students taken into the first-year class in medicine, for whom additional provision was made in the Departments of Chemistry and Anatomy for the current year, (Minutes, page 398), it is necessary to make similar provision in Pathology and Bacteriology and also to prepare in advance material to be used by these students in the second year. Dean Davis reports that the supplies and equipment for the work in the two Departments will require approximately \$2500 and that in addition he will need a full-time instructor, two technicians, and a laboratory helper, the total being \$6080. He requests that this amount be appropriated from the Reserve and Contingent Fund for these purposes and I concur with the proviso that the adjustment among the items be subject to the approval of the President.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

APPROPRIATION FOR PAYMENT FOR SERVICES OF PATENT ATTORNEYS

(11) The Supervising Architect submits a statement received from Brown, Jackson, Boettcher, & Diener for services rendered on various patent matters totalling \$244.20 with the recommendation that this be paid.

I recommend that an appropriation of \$244.20 be made from the Reserve and Contingent Fund for this payment.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

ARCHITECTS' FEE FOR MEDICAL AND DENTAL LABORATORIES PLANS

(12) The Supervising Architect submits the following bill from Granger & Bolenbacher for services rendered on the plans for the Medical and Dental Laboratories, with the recommendation, in which I concur, that the bill be paid and the amount charged to the appropriation for this building.

The contract with the architects calls for the payment of 20% of their fee when the supplementary studies have been completed, to the amount of \$14,400.

On motion of Dr. Noble, this payment was authorized.

PAVING OF STREETS IN URBANA

(13) A recommendation from the Supervising Architect that the Board give consideration to the paving of the streets surrounding Illinois Field. He estimates that to pave the streets in Urbana which are on the east, south, and north sides of the field, and also Springfield Avenue from Romine Street to Mathews Avenue, using concrete pavement 36 feet wide, will cost \$42,000. This can be paid for as a city improvement on the instalment basis, and, inasmuch as the University owns over half the frontage the City of Urbana will proceed with this pavement on request of the University. The University's share of the improvement would be about \$25,500.

On motion of Dr. Noble, this matter was referred to the Committee on Buildings and Grounds for investigation and report.

OWNERSHIP OF PENNSYLVANIA OR MAPLE AVENUE

(14) A report from the Supervising Architect that he has had a survey made by Mr. E. E. Anderson, Civil Engineer in his office, showing the land acquisitions of the University in the South Half of Section 18. This survey shows that the so-called Gallivan Tract overlaps or extends over on University ground on Maple Avenue (which is the extension of Pennsylvania Avenue in Urbana west of Lincoln Avenue) 3.8 feet on its east side and 1.9 feet at its west side—an average of 2.85 feet throughout the width of the Addition of 555.2 feet.

I request instructions as to informing the owners of the adjacent property and the officials of the City of Urbana concerning the limits of the University property.

On motion of Mr. Trees, the President of the University was directed to notify the owners of the property and the City of Urbana, and to take all necessary steps to protect the rights of the University.

REBATES ON SPECIAL ASSESSMENTS

(15) A report from the Acting Comptroller that he has received from the City of Champaign \$2,254.09 in rebates on special assessments—\$1,459.17 on the Fourth Street and \$794.92 on the Armory Avenue assessment.

He reports further that he has been advised by the City Treasurer that there are not sufficient funds at present to make a rebate of \$646.87 on account of the Scott Sanitary Sewer but that the City expects to be able to make payment about the first of the year.

On motion of Mr. Barr, this report was received for record and the proper officers of the University were directed to follow up such rebates and collect them when due.

PURCHASE OF JONES PROPERTY

(16) A report from the Acting Comptroller that in accordance with the action of the Board on September 18, 1929 (Minutes, page 387) he has concluded the purchase of the Jones property for \$9,000, the University to assume the taxes for the year 1929, due in 1930, and special assessments, if any. This property is described as follows:

Lot Two (2) in Block Two (2) in Burpee, Curtis, and Somers Addition of Out Lots to Urbana, except the East Seventy-seven (77) feet thereof.

Lot Three (3) in Block Four (4) of Urbana Railroad Company's Addition to Urbana, Illinois, except the North Sixteen (16) feet of said Lot Three (3).

On motion of Mr. Trees, this report was received for record.

REPORT ON DEFOREST PHONOFILMS INC. CONTRACT

(17) A report from the Legal Counsel that in accordance with the instructions of the Board at its meeting on November 15, he has sent by registered mail a notice to the General Talking Pictures Corporation that the contract between the University and the DeForest Phonofilms Incorporated will be in all things terminated thirty days after the receipt by them of said notice.

On motion of Mrs. Evans, this report was received for record.

CONTRACT WITH STATE BOARD OF VOCATIONAL EDUCATION

(18) A request from the State Board of Vocational Education that the University enter into two contracts with the Board; one for the instruction of six students during the year beginning September 16, 1929, and one for the instruction of two students for one year beginning February 3, 1930. The Board agrees to pay all fees for these students upon presentation of bills for the same by the University. These contracts are of the same form and character as those which have been entered into in the past and I have authorized the Acting Comptroller and the Secretary of the Board to execute them for the University.

On motion of Mrs. Busey, this action was confirmed.

**SUIT AGAINST THE UNIVERSITY BY
MRS. BERTHA KAPLAN SPECTOR**

(19) A report from the Legal Counsel that on November 22 he appeared in the Municipal Court of Chicago for the University in the case of Mrs. Bertha Kaplan Spector

who, as was reported at the November meeting, sued the University for her salary for July and August, 1929. After some arguments the Court quashed the service in the action, being, evidently, of the opinion that it had no jurisdiction over the Board of Trustees of the University of Illinois.

On motion of Mr. Trees, this report was received for record.

THEFT OF MONEY FROM MILITARY DEPARTMENT

(20) A report from the Supervising Architect, transmitting one from Lieutenant F. A. March, Adjutant of the Military Department and Supply Officer of the University, that sometime between 5:00 p.m. on November 5, when he left the office, and 9:00 a.m. on November 6, when he returned, a sum of money (amounting to \$85) disappeared from the safe in the Commandant's Office in the Armory. About \$30 of this amount was for the payment of enlisted men whom Lieutenant March had engaged for the Athletic Association to serve as traffic police on the day of the Homecoming Game; the other \$55 was a reimbursement to him for a personal check which he had issued to pay for similar services of soldiers from Rantoul whom he had secured for traffic work. So there is no loss of University funds involved, since Lieutenant March is responsible for the payroll money and the balance was his own property.

An investigation was immediately started but there seemed to be no clues as to who might have taken the money. The investigation showed that the offices of the Military Department were not always locked when the employees left the building in the evening, so that the entire suite was open to any one who might be passing through the building between five and six o'clock in the evening. This, of course, has been corrected.

On motion of Dr. Noble, this report was received for record.

SUNDAY WORK IN MECHANICAL ENGINEERING LABORATORY

(21) A request from Professor Willard, concurred in by Assistant Dean Jordan, that two research assistants in mechanical engineering be permitted to make certain observations on Sundays in their work with the Low Temperature Testing Plant in the Mechanical Engineering Laboratory which needs to be run continuously and requires observations over long periods of time.

I have authorized this work.

This report was received for record.

GIFTS TO THE UNIVERSITY

(22) The following report of gifts received by the University since the last report was made:

From Mr. James M. Cowan of Aurora, an oil painting, "Pikes Peak" by Ernest Lawson, N.A. The painting may be reasonably estimated at \$1800 market value.

From the Chemical Foundation to the Department of Chemistry, an offer to purchase for use in research work a quartz prism optical spectrograph valued at \$1475.

From Mr. Robert Allerton of Monticello, \$800 for the continuation of the American Traveling Scholarships in Architecture during the current year.

From Mrs. Lucy Orme Morgan of Bloomington, certain historical manuscripts, including letters, newspapers, and a scrapbook of the Civil War period.

From the American Can Company to the Department of Bacteriology for experimental purposes, five hundred empty tin cans for use in the Animal Room, and numerous cans of food for use in the Laboratory.

I have authorized acceptance of these gifts.

This report was received for record.

CONTRACTS AND PURCHASES

(23) The following report from the Acting Comptroller of contracts and purchase orders of \$1,000 or more executed since the last report was made:

CONTRACTS EXECUTED BY THE ACTING COMPTROLLER NOVEMBER 7, 1929 TO NOVEMBER 30, 1929

Minor contracts executed on special authorization of the Board of Trustees at meeting of November 15, 1929:

Name	Date	Item	Terms
Illinois Bell Telephone Company	November 7, 1929	Permission to install telephone pay station in New Library	The Company is to remove its property upon 10 days' notice and is to make good all property damage.

**PURCHASE ORDERS ISSUED IN NOVEMBER
AMOUNTING TO \$1 000 OR MORE**

Vendor	Item	Amount	Department	Appropriation Made in Budget For	Procedure
Chicago Producers' Commission Association	Calves	\$5 500 00	Animal Husbandry	Beef Cattle Station	Open
Cleveland Folding Machine Company	Automatic Feeder	1 528 42	University Press	University Press Equipment	Quoted
C. A. Steinheil Sohne	Spectrograph	2 425 00	Physics	Engineering Equipment	Quoted
Grand Central Art Galleries	Paintings	8 515 00	Art and Design	Art Collection	Quoted

J. E. MILLIZEN
Acting Purchasing Agent

This report was received for record.

**FUNDS FOR THE STUDY OF TOXINS OF
STREPTOCOCCUS EPIDEMICUS**

(24) A report from Dean D. J. Davis that the Scientific Research Committee of the American Association of Medical Milk Commissions and the Board of Directors of the Certified Milk Producers Association of America has offered to grant him \$3500 for a study of the toxins of the streptococcus epidemicus. In granting these funds, the Committee accepts the conditions and rules of the University covering research projects. Dean Davis recommends that this offer be accepted.

I concur in his recommendation, and recommend further that the Comptroller and Secretary be authorized to execute the usual agreement covering this investigation. This agreement is of the form and character of other agreements heretofore approved by the Board.

On motion of Dr. Noble, the execution of this agreement was authorized as recommended.

SABBATICAL LEAVES OF ABSENCE

(25) Requests from the following members of the staff for sabbatical leaves of absence under the rules for the academic year 1930-31 for the purpose of study and travel abroad:

Professor Ernest Bernbaum
Professor Jacob Zeitlin
Professor John A. Fairlie
Associate Professor Ben E. Perry

These requests are approved by Dean Babcock of the College of Liberal Arts and Sciences and I concur in the approval.

On motion of Mrs. Grigsby, these leaves were granted.

AMENDMENT OF RULE GOVERNING PURCHASES

(26) At the last meeting of the Board I submitted a suggested amendment to Article 46 of the Extracts from the Laws of the Board of Trustees, edition of December, 1926, page 35. After discussion I requested that the matter be held over for further study. I have again consulted our Legal Counsel and now recommend that said article be amended as follows:

Change the sentence reading, "But shall not do so unless the records of the Board show that the purchase has been authorized and that an appropriation has been made therefor by the Board" to read as follows: "But shall not do so unless the records of the Board show that a general or specific appropriation has been made by the Board to meet the same."

The Legal Counsel and myself are of the opinion that this change will remove the ambiguity in the present rule.

On motion of Mr. Trees, this amendment to the statutes was made as recommended.

MANUFACTURE AND SALE OF PHOSPHORUS TEST SOLUTION

(27) As was reported at the last meeting, the Urbana Laboratories requested permission to continue the manufacture and sale of the phosphorus test solution developed by the University. This concern was authorized by the Board to manufacture and sell this solution under certain conditions and without the payment of royalties until November 1, 1929. In accordance with the instructions of the Board at its last meeting, I requested the Superintendent of Business Operations and the Acting Comptroller to inquire into the matter of suitable conditions of a contract and they report as follows:

December 3, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

We have analyzed the report submitted by the Urbana Laboratories as of the date of November 13, of their sales of the solution known as the "Field Test for Available Phosphorus in Soils," and find that to that date they had sold 378½ quarts and distributed it to 17 different states in the union.

The production cost has run somewhat higher than the original estimate of \$.74 a quart and is now figured at \$.94 a quart. The selling price varies with the size of the package and the quantity purchased, but the average on the amount sold to date has been \$1.37 per quart. The cost price of \$.94 includes nothing for overhead or profit so that there is a balance there of \$.43 to cover these items and any royalties which the University decides to charge. The cost of the solution is only about \$.20 a quart, the other charges being for bottling, packing, shipping, etc.

We recommend that a contract be made with the Urbana Laboratories for the manufacture and distribution of this product at a royalty of \$.10 a quart for the balance of this year and for the year 1930, the contract to become effective as of the date of its authorization by the Board of Trustees with the royalties retroactive to November 21, 1929. The contract will provide that the Urbana Laboratories shall keep their records in a manner satisfactory to the Comptroller, and for the payment of royalties quarterly. At the end of the year 1930, operations for the year will be reviewed to determine whether the contract will be continued in force and if so, whether on the same or on a different basis.

A review of the material submitted by the Urbana Laboratories indicates that the price at which this material is being sold cannot be considered commercially profitable, but because of the fact that the company has salesmen on the road selling other products to the farmer, no sales costs are included. We therefore feel that the Laboratories are handling this as a side issue more for the service they are rendering the farmer than because of the profit there is in it to them, and that under these circumstances there is no justification for charging a higher royalty unless we authorize an increase in the price, which does not seem wise at the present time, and the terms recommended as given above are entirely satisfactory to the Urbana Laboratories.

Very truly yours,

JAMES M. WHITE
Supervising Architect

H. M. EDWARDS
Acting Comptroller

On motion of Mrs. Grigsby, the recommendation concerning contract and royalties was adopted.

ELEVATOR FOR AGRONOMY SEED HOUSE

(28) A recommendation from the Supervising Architect that the contract for one direct-lift plunger elevator for the Agronomy Seed House be awarded to the Otis Elevator Company on the basis of their quotation of \$2,000. I concur.

On motion of Mrs. Busey, this contract was awarded as recommended.

CONTRACT FOR PRINTING OF ANNUAL REGISTER

(29) A report from the Acting Purchasing Agent of quotations received for printing the 1929-30 Annual Register. The Acting Purchasing Agent and the Director of the University Press recommend that the contract be placed with the lowest bidder, the Illinois Printing Company of Danville, Illinois, on the basis of their quotation, \$5,965 f. o. b. Urbana.

I concur.

On motion of Mrs. Grigsby, this contract was awarded to the lowest bidder, the Illinois Printing Company, as recommended.

OFFER OF THE BORDEN COMPANY OF NEW YORK FOR MEDICAL RESEARCH WORK

(30) A letter from Dean Davis, dated November 30, informs me that The Borden Company of New York City offers the University \$2,000 for investigation (1) into the value of "powdered, whole, lactic acid milk" which, I understand, is produced by a subsidiary of The Borden Company (known as the Merrell-Soule Powdered Whole Lactic Acid Milk); also (2) on the comparative efficiency of the powdered product vs. the addition of U. S. P. lactic acid to fluid milk, vs. liquid lactic acid milk; also of (3) comparative convenience in preparation and feeding; and finally, (4) palatableness of the milk, absence of undue sourness.

This work would be done by Dr. Julius H. Hess and his associates of our Department of Pediatrics.

I recommend that this offer be accepted in accordance with the regulations of the Board concerning such gifts.

On motion of Dr. Noble, this offer was accepted as recommended.

AUTOMOBILE FOR THE PRESIDENT

(31) A letter from Professor J. M. White, presented without recommendation.

December 3, 1929

President David Kinley, 355 Administration Building (W)

MY DEAR PRESIDENT KINLEY:

I wish you would submit this communication to the Board of Trustees.

The University Cadillac automobile was purchased in December, 1926, and the speedometer shows a mileage of 47,821 miles. A private owner using such a car for the out-of-town service for which it is needed would certainly trade it in, if an advantageous offer could be obtained. The trade-in value of the car is from \$1,000 to \$1,200.

There is a new five-passenger standard Lincoln sedan in stock in Champaign which is regularly priced at \$4,500, which is offered to us at \$3,500. This is practically the price we would have to pay under normal conditions if we traded in the Cadillac. We can use the Cadillac to excellent advantage locally, and I believe under the circumstances we should keep it and buy the new car, which I believe is large enough for most of the service for which a University President will need it, and that in some respects it is a better-sized car for general travel than the larger one. The car as priced is fully equipped with the exception of a heater.

I recommend that an appropriation of \$3,600 be made, or as much thereof as is necessary, to be used for the purchase of a five-passenger, standard, Lincoln sedan for the President of the University.

Yours truly,

JAMES M. WHITE
Supervising Architect

On motion of Mr. Trees, the Supervising Architect was asked to investigate the matter and to make a recommendation at the next meeting.

RESEARCH WORK BY MEMBERS OF THE STAFF

(32) A report on research work conducted by Professor W. A. Noyes and other members of the staff.

The Board expressed its pleasure at the successful manner in which this work is being conducted.

SALARY OF PROFESSOR W. J. R. CAMP

(33) My attention has been called by Dean Davis to a misunderstanding and probably a consequent error in the salary of Dr. W. J. R. Camp of the College of Medicine. His salary was made \$4200 for the current year according to the budget instead of \$4500, recommended by Dean Davis. I have reviewed the case and recommend that his salary be \$4500 instead of \$4200, effective September 1, last, and that he be paid the amount due him on the \$4500 basis for the months of September, October, and November.

On motion of Dr. Noble, this recommendation was adopted.

PAVING OF WRIGHT STREET

(34) At its meeting on November 15 the Board approved a recommendation for the paving of Wright Street in accordance with the suggestions of the Supervising Architect with the provision that the Board does not thereby waive any rights in the property and with the proviso that unless there be any engineering or other valid objections the paving be fifty-two feet wide throughout.

The Supervising Architect submits a letter with reference to the matter, setting forth that the Board of Local Improvements of Champaign are unanimously of the opinion that a width of thirty-seven feet north of Springfield Avenue would be sufficient.

On motion of Mr. Barr, the Board reaffirmed its request that this pavement be made fifty-two feet wide throughout.

DECEMBER QUARTERLY MEETING

The President of the University stated that he knew of no business to come up which would require another meeting of the Board in December.

It was voted, on motion of Mr. Trees, that the quarterly meeting scheduled for December 10 be not held.

MCKINLEY HOSPITAL REPORT

Dr. Noble, for the special committee on the McKinley Hospital, made a report of progress and stated that he hoped to report later in the day.

NAMING STREETS AND BUILDINGS

Mr. Barr, for the special committee on naming streets and buildings, made a report of progress and asked for more time.

CARTER-PENNELL FARMS

Mrs. Busey, for the Committee on Agriculture, made a recommendation that the proposed contracts for the operation of the Carter-Pennell farms for next year be approved, as presented at the last meeting.

On motion of Dr. Noble, this recommendation was adopted.

LOCATION OF PRESIDENT'S HOUSE

Mr. Barr, for the Committee on Buildings and Grounds, reported that the four members of the committee present had met during the luncheon hour, and that two members were in favor of the site south of the Forestry and two in favor of the site on the Horticulture tract. There being an even division, the Committee refers the matter to the Board without recommendation.

On motion of Mr. Barr, discussion of this matter was postponed.

ADJOURNMENT TO DECEMBER 12

On motion of Mr. Barr, it was voted that when this meeting is adjourned, it be adjourned to Thursday, December 12, at 1 o'clock p.m. sharp, at the University.

THE TREASURERSHIP

On motion of Mr. Barr, the President of the Board was requested to appoint a special committee of three members of the Board, to examine into the affairs of the Treasurer and to report to the Board at the adjourned session on December 12.

President Armstrong appointed Mr. Trees, Mr. Barr, and Mr. Fisher to serve on this committee, and stated that in case any one of the three should find it impossible to serve, he, himself would act as a member of the committee instead.

LOCATION OF PRESIDENT'S HOUSE

Dr. Noble presented a motion that when the new residence for the President is built, it be located on the Horticulture tract, facing Florida avenue, and about one and one-half blocks east of Lincoln avenue.

After discussion, this motion was carried, by a vote of four for to two against, with two members present and not voting.

PLANS FOR PRESIDENT'S HOUSE

Mr. Barr, for the Committee on Buildings and Grounds, made a report of progress on the plans for the President's house.

DEGREES IN MEDICINE

The Secretary presented for record a list of graduates of the College of Medicine on whom the degree of M.D. had been conferred according to rule, from July 2 to December, 1929.

CAREY M. SMITH	<i>Conferred July 7, 1929</i>
ARTHUR MELVILLE SCHORR, B.S.	<i>Conferred August 1, 1929</i>
HERBERT JOHN KIRCHNER, B.S.	<i>Conferred August 15, 1929</i> LAWRENCE FORREST WHITTAKER, B.S.
CASIMIR ARTHUR CYWINSKI	<i>Conferred September 1, 1929</i> VERN WILLIAM RITTER, B.S.
JOHN TALBOT GERNON, B.S.	<i>Conferred September 12, 1929</i>
MORRIS ROBERT WEIDNER, JR.	<i>Conferred October 1, 1929</i>
AQUIL MASTRI, B.S.	<i>Conferred October 13, 1929</i> CHARLES RAYMOND SUMMERS, B.S.
HERBERT JOHN WING	<i>Conferred November 1, 1929</i> EDWARD KARL STEINKOPFF

To be conferred December 31, 1929

MINNA ELIZABETH EMCH
 JACK D. KIRSHBAUM
 MICHAEL BREINAR GREENFIELD
 CALVIN ALBERT LAUER

ROBERT HANAWALT McCRACKIN
 ISADORE M. SHAPIRO
 ARTHUR STERLING WEBB

On motion of Dr. Noble, this list was received for record.

The Board adjourned to meet December 12 as voted.

H. E. CUNNINGHAM

Secretary

J. W. ARMSTRONG

President

ADJOURNED SESSION, DECEMBER 12, 1929

When the Board convened at Urbana on the afternoon of Thursday, December 12, 1929, pursuant to adjournment, the following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees. President Kinley was present.

MINUTES APPROVED

On motion of Dr. Noble, the minutes of the meeting of November 15, 1929, were approved as printed on pages 429 to 444 above.

RESIGNATION OF MR. A. M. BURKE AS TREASURER

Mr. Trees presented the following report:

Your special committee to which the matter of the resignation of the Treasurer was referred, reports as follows:

WHEREAS, Mr. Arthur M. Burke has tendered his resignation as Treasurer of the University of Illinois, your committee recommends that the resignation be accepted to take effect today, but without releasing him as such Treasurer under his bond, from liability for any and all his acts while Treasurer, or from fully accounting for all moneys, credits, bonds, securities, and things of value of every nature and description received and held by him as such Treasurer.

On motion of Mr. Trees, this report was adopted.

On motion of Mrs. Busey, the resignation of Mr. Arthur M. Burke as Treasurer was accepted to take effect today, December 12, 1929, but without releasing him as such Treasurer, under his bond, from liability for any and all his acts while Treasurer, or from fully accounting for all moneys, credits, bonds, securities, and things of value of every nature and description received and held by him as such Treasurer.

MR. HAZEN S. CAPRON ELECTED TREASURER

Mr. Barr nominated Mr. Hazen S. Capron, of Champaign, Illinois, for the office of Treasurer of the University, to fill the unexpired term of Mr. Arthur M. Burke, resigned, the term to begin when Mr. Capron qualifies by filing a satisfactory bond with the Board of Trustees.

On motion of Mr. Barr, the Secretary was instructed to cast the unanimous ballot of the Board for Mr. Capron as Treasurer. The ballot was cast, and Mr. Capron was declared elected.

TREASURER'S BOND

Mr. Trees presented, for the Finance Committee, the bond of Mr. Hazen S. Capron as Treasurer of the University for the remainder of the term of Mr. Arthur M. Burke, resigned. The bond follows:

BOND

KNOW ALL MEN BY THESE PRESENTS, That we, Hazen S. Capron as Principal, and Columbia Casualty Company, a Corporation, organized and existing under the laws of the State of New York and duly authorized to transact business in the State of Illinois, and The Fidelity And Casualty Company of New York, a Corporation, organized and existing under the laws of the State of New York, and duly authorized to transact business in the State of Illinois, as sureties, are held and firmly bound unto the Board of Trustees of the University of Illinois, in the penal sum of Two Million (\$2,000,000.00) Dollars lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our respective heirs, executors, administrators and assigns, and each of them, by these presents.

THE CONDITION of the above obligation is such that

WHEREAS, the above bounden Hazen S. Capron, was on the 4th¹ day of December, A.D., 1929, duly elected to the office of Treasurer of the University of Illinois, for a period ending on the 12th day of March, A.D., 1931, or until his successor shall be appointed and qualified and is about to assume the duties of said office:

NOW, THEREFORE, if the said Hazen S. Capron shall well and truly perform and faithfully discharge the duties of Treasurer of said University of Illinois, during his term of office, and shall faithfully keep and truly account for all moneys, bonds, securities or other property coming into his hands as such Treasurer, during his term of office, and shall pay when properly drawn and presented to him all warrants, authorized by the Board of Trustees of the University of Illinois, drawn against funds in his hands belonging to the said University of Illinois, and at the expiration of his term of office, on due request to him, shall pay over and deliver to his successor in office, or to any other person duly authorized by the Board of Trustees of said University of Illinois to receive the same, all moneys, bonds, securities or any other property received by him as such Treasurer and not otherwise lawfully paid out or disposed of, and shall deliver to his successor in office, or any other person appointed to receive the same, the property, papers, and other things in his hands belonging to said office, and shall at the expiration of his term of office, or oftener, if thereunto requested by the Board of Trustees of the said University of Illinois, render a just and true account of his doings, as such Treasurer, then this obligation shall be null and void; otherwise to remain in full force and effect.

WITNESS OUR HANDS AND SEALS THIS 10th day of December, A.D., 1929.

HAZEN S. CAPRON

COLUMBIA CASUALTY COMPANY
By ROBERT F. MUNSELL
Attorney-in-fact

THE FIDELITY AND CASUALTY
COMPANY OF NEW YORK
By ALBERT A. KORTE
Attorney

STATE OF ILLINOIS }
COUNTY OF CHAMPAIGN } ss

I, C. Calvert, a Notary Public in and for said County and State aforesaid, do hereby certify that HAZEN S. CAPRON, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed, and delivered the said

¹Telegrams from both surety companies accepting the change in date accompanied the bond when filed with the Secretary.

instrument as his free and voluntary act for the uses and purposes therein set forth.
Given under my hand and notarial seal this eleventh day of December, A.D., 1929.

C. CALVERT
Notary Public

Approved
SVEINBJORN JOHNSON
Legal Counsel

COLUMBIA CASUALTY COMPANY
One Park Avenue
New York
Bonding Department
POWER OF ATTORNEY—LIMITED

KNOW ALL MEN BY THESE PRESENTS:

That the Columbia Casualty Company, a corporation of the State of New York, of No. 114 Fifth Avenue, in the City of New York, in said State, has made, constituted and appointed, and by these presents does hereby make, constitute and appoint Robert F. Munsell its true, sufficient and lawful attorney, with full power and authority to make, execute and deliver, for it, in its name and in its behalf, as surety, a bond or undertaking, as follows: Bond of Two Million Dollars on behalf of Hazen S. Capron in favor of Board of Trustees of the University of Illinois hereby giving its said attorney full power and authority to do everything whatsoever requisite and necessary to be done for the purpose of making, executing and delivering such obligations as fully as the officers of said COLUMBIA CASUALTY COMPANY could do if personally present, and hereby ratifying and confirming all that its said attorney shall lawfully do or cause to be done by virtue hereof, but reserving to itself full power of substitution and revocation.

The authority contained herein is void if not availed of within thirty days from the date of this instrument.

IN WITNESS WHEREOF, the said COLUMBIA CASUALTY COMPANY has caused its corporate seal to be hereunto affixed and these presents to be duly executed by its duly authorized representatives at the City of Chicago, State of Illinois, on this

COLUMBIA CASUALTY COMPANY
By JOS. E. CALLENDER
Branch Manager
Attest: O. DAVIDSON
Assistant Branch Manager

At a regular meeting of the Board of Directors of the COLUMBIA CASUALTY COMPANY, held at the office of the Company at No. 114 Fifth Avenue, in the City of New York, on the thirteenth day of March, 1923, the following resolution was adopted:

"RESOLVED, that the Branch Manager and Assistant Branch Manager of the Branch Office of the Company at Chicago, Illinois, be and they hereby are authorized and empowered to make, execute and deliver in behalf of the Company, unto such person or persons in the States of Illinois, Wisconsin, and Indiana as they may select, its power of attorney constituting and appointing each such person its Attorney-in-Fact, with full power and authority to make, execute and deliver for it in its name and in its behalf, as surety, any particular bond or undertaking that may be required in said States of Illinois, Wisconsin, and Indiana, the nature of such bond or undertaking to be in each instance specified in such power of attorney."

STATE OF NEW YORK }
COUNTY OF NEW YORK }^{SS}

I, J. Fred Ranges, Secretary of the Columbia Casualty Company hereby certify that I have compared the foregoing resolution with the original thereof, as recorded in the Minute Book of said Company, and that the same is correct and true transcript therefrom, and of the whole of said original resolution.

Given under my hand and the seal of the
Company at the City of New York this
19th day of October, 1928

J. FRED RANGES
Secretary

STATE OF ILLINOIS }
 COUNTY OF CHAMPAIGN }^{ss}

On this day personally appeared before me, a Notary Public, in and for the County aforesaid, Jos. E. Callender and O. Davidson who, being duly sworn by me, did depose and say that they are respectively the Branch Manager and Assistant Branch Manager of the COLUMBIA CASUALTY COMPANY at the City of Chicago; and they, as such Branch Manager and Assistant Branch Manager, respectively, did thereupon acknowledge and deliver the foregoing instrument of writing as and for the act and deed of the COLUMBIA CASUALTY COMPANY.

WITNESS my hand and seal, this 10th day of December, 1929.

FLORENCE MARMION
Notary Public

THE FIDELITY AND CASUALTY COMPANY OF NEW YORK

Bonding Department: HALE ANDERSON, Vice-President, in charge
 92 Liberty Street, New York City

KNOW ALL MEN BY THESE PRESENTS:

That THE FIDELITY AND CASUALTY COMPANY OF NEW YORK has made, constituted, and appointed, and by these presents does make, constitute and appoint Albert A. Korte its true and lawful attorney, for it and in its name, place, and stead to execute on behalf of the said Company, as surety, a certain bond described as follows:

Obligor: Hazen S. Capron

Obligee: Board of Trustees of the University of Illinois

Nature of obligation: Treasurer of University of Illinois

The authority hereby conveyed shall expire and terminate six months from the date hereof, and the liability of the Company as surety on any bond executed under this authority shall not exceed the sum of Two Million Dollars.

In Witness Whereof The Fidelity and Casualty Company of New York has caused its official seal to be hereunto affixed, and these presents to be signed by one of its Vice-Presidents and attested by one of its assistant secretaries this 1st day of July, 1929.

THE FIDELITY AND CASUALTY COMPANY
 OF NEW YORK

By HALE ANDERSON
Vice-President

Attest:

ALBERT BRUNS
Assistant Secretary

STATE OF ILLINOIS }
 COUNTY OF COOK }^{ss}

I, Cleo M. Riley, a Notary Public of Cook County, in the State of Illinois, do hereby certify that Albert A. Korte, Attorney of The Fidelity and Casualty Company of New York, who is personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered said instrument, for and on behalf of The Fidelity and Casualty Company of New York for the uses and purposes therein set forth.

Given under my hand and notarial seal at my office in the City of Chicago, in said County, this 10th day of December, A.D., 1929.

CLEO M. RILEY
Notary Public

STATE OF NEW YORK }
 COUNTY OF NEW YORK }^{ss}

Albert Bruns, being duly sworn, deposes and says: that he is an assistant secretary of The Fidelity and Casualty Company of New York, the corporation which is described in and which executed the instrument overleaf; that he knows the corporate seal of the said corporation; that the seal affixed to the instrument overleaf is the corporate seal of The Fidelity and Casualty Company of New York, and was thereto affixed by order and authority of the board of directors of the said Company; that he signed his name thereto by like order and authority; that he is acquainted

with Hale Anderson, and knows him to be vice-president of the said Company; that the signature of the said Hale Anderson subscribed to the said instrument is in the genuine handwriting of the said Hale Anderson, and was thereto subscribed by order and authority of the said board of directors of the said Company; that the said Company is duly and legally incorporated under the laws of the State of New York, and has complied with and is now complying with the provisions of the Act of Congress of August 13, 1894, allowing certain corporations to be accepted as surety on bonds.

The deponent further states that the following is a true copy of an extract from the minutes of a meeting of the board of directors of the said Company held at its offices in the City of New York on the 18th day of April, 1928, a quorum being present, and that the resolutions contained in the said extract were unanimously adopted and are now in full force and effect:

"RESOLVED, that Robert J. Hillas, the president of the Company, be, and that he hereby is, and that Hale Anderson, a vice-president of the Company, be, and that he hereby is, authorized to execute powers of attorney qualifying the attorney named in the given power of attorney to execute in behalf of The Fidelity and Casualty Company of New York bonds, undertakings, and all contracts of suretyship; and that any vice-president, the vice-president and secretary, or any assistant secretary be, and that each of them hereby is authorized to attest the execution of any such power of attorney, and to attach thereto the seal of the Company."

"RESOLVED, that either Albert Bruns or William P. Harvey, each an assistant secretary of the Company, be and that he hereby is authorized to execute alone powers of attorney qualifying the attorney named in the given power of attorney to execute in behalf of The Fidelity and Casualty Company of New York bonds, undertakings, and all contracts of suretyship, not exceeding one hundred thousand dollars in amount; and that any vice-president, the vice-president and secretary, or any assistant secretary be, and that each of them hereby is, authorized to attest the execution of any such power of attorney, and to attach thereto the seal of the Company."

ALBERT BRUNS

Assistant Secretary

Sworn to before me this 1st day of July, 1929

FLORENCE CARROLL

*Commissioner of Deeds
City of New York*

On motion of Mr. Trees, the above bond was approved and Mr. Capron was declared duly qualified as Treasurer of the University.

RECEIPT FROM MR. CAPRON

Mr. Trees presented a copy of a receipt given by Mr. Capron to Mr. Burke setting forth University property of all kinds received by him.

On motion of Mr. Trees, this receipt with exhibits A and B attached was received to be filed.

INFORMATION ON SURETY COMPANIES

On motion of Mr. Trees, the Comptroller was directed to furnish to the Finance Committee, semi-annually, for report to the Board, information concerning all companies which furnish surety bonds to the University.

PREMIUM ON TREASURER'S BOND

On motion of Mr. Barr, it was voted that the premium on the Treasurer's bond for the ensuing year be paid by the University.

On recommendation of President Kinley and on motion of Dr. Noble, an appropriation of \$5000 was made from the Reserve and Contingent fund to pay this premium for the ensuing year from the date of the approval and acceptance of the bond. The vote was as

follows: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University:

APPROPRIATION FOR EXPENSE BUDGET OF LEGAL COUNSEL

(1) An appropriation of \$100 was made in the budget for the traveling expenses of the Legal Counsel of the University. By my specific direction he has taken several trips not anticipated when the amount above referred to was appropriated. I therefore recommend an additional appropriation of \$150 for travel in the budget of the Legal Counsel, from the Reserve and Contingent Fund.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Trees.

APPROPRIATION FOR TYPE FOR SCHOOL OF JOURNALISM

(2) A request from the Director of the School of Journalism for additional funds to purchase typographical equipment. This additional equipment is needed because of the increase in the number of students registered in the course known as the History and Practice of Printing and Publishing.

I recommend that an appropriation of \$425, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund for this purpose.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

**APPROPRIATION FOR DEPARTMENT OF PHYSIOLOGY
(MEDICINE)**

(3) As has been previously reported, the increase in the number of students admitted to the first-year class of the College of Medicine has made it necessary to provide additional funds for certain of the departments. Provision has already been made for the departments of Anatomy, Chemistry, and Pathology and Bacteriology. Dean Davis reports that the Department of Physiology will need approximately \$600 a year more for supplies and equipment and \$2400 for an additional full-time instructor on account of the increased enrollment—a total of \$3000. However, this year only one-half of that amount will be required for the work of the second semester and the Dean requests an appropriation of \$1500 to be available February 1, 1930.

I recommend that \$1500 be appropriated from the Reserve and Contingent Fund to the Department of Physiology of the College of Medicine for this purpose.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

SOCIAL FACILITIES FOR STUDENTS

(4) It has been suggested that it would be a good plan to provide in some of our buildings a place or places where young men and women might visit with each other during their leisure time.

I recommend that the President of the University be authorized to make some such arrangements at his discretion and to employ chaperons. I request further that an appropriation of \$500, or so much thereof as may be necessary, be made from the Reserve and Contingent Fund to pay the expenses of such chaperons.

On motion of Mrs. Grigsby this authority was granted and the appropriation was made, by the following vote: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mr. Fisher, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson.

ARCHITECT'S FEES FOR WOMAN'S GYMNASIUM

(5) The Supervising Architect submits a statement from Mr. Charles A. Platt, architect, for professional services rendered on plans for the Woman's Gymnasium, with a recommendation, in which I concur, that this bill, amounting to \$5036.32 be paid and the amount charged to the appropriation for the building.

On motion of Dr. Noble, this bill was ordered paid.

EXTENSION COURSE IN OTOLARYNGOLOGY

(6) A request from the Dean of the College of Medicine for authority to offer a four months' extension course in otolaryngology, designed as a postgraduate clinical course for physicians, and to be given three times a year. The fee for this course will be \$50 for each period with an additional fee of \$50 if special anatomical dissection work is desired. This course is to be similar to one which is now being offered in the Department of Ophthalmology.

On motion of Dr. Noble, this course was authorized as recommended.

THE ESTABLISHMENT OF CITY PLANNING OPTIONS

(7) A recommendation from the University Senate for the establishment of curricula offering options in City Planning in the Division of Landscape Architecture and the Department of Civil Engineering, these options leading respectively to the degree of Bachelor of Science in Landscape Architecture and Bachelor of Science in Civil Engineering, with request for approval, to be put into effect next year if the budget permits.

CURRICULUM FOR CITY PLANNING OPTION IN LANDSCAPE ARCHITECTURE

Degree of Bachelor of Science in Landscape Architecture to be Awarded after Completing the Four-Year Curriculum

The first two years' work to be the same as the present curriculum in landscape architecture except that French or German is to be substituted for Architecture 75 and 76 (Frame and Masonry Construction).

FIRST SEMESTER		THIRD YEAR		SECOND SEMESTER	
		<i>Hours</i>			<i>Hours</i>
Hort. 23a (Design).....	4	Hort. 23b (Design).....	4	Hort. 23b (Design).....	4
Hort. 27a (Construction).....	3	Hort. 27b (Construction).....	3	Hort. 27b (Construction).....	3
English 10a ¹ (Intr. to Liter.).....	3	English 10b ¹ (Intr. to Liter.).....	3	English 10b ¹ (Intr. to Liter.).....	3
Public Speaking ¹	3	C. E. 52 ¹ (Roads and Pavements).....	3	C. E. 52 ¹ (Roads and Pavements).....	3
Econ. 2 ¹ (Elements).....	3	Geog. or Geol. 1 ¹	5	Geog. or Geol. 1 ¹	5
	16		18		18
FOURTH YEAR					
Hort. 25a (Design).....	5	Hort. 25b (Design).....	5	Hort. 25b (Design).....	5
Hort. 37a (C. P. Lectures).....	2	Hort. 37b (C. P. Lectures).....	2	Hort. 37b (C. P. Lectures).....	2
Pol. Sci. 4 ¹ (Mun. Govt.).....	3	Journalism 16 ¹	2	Journalism 16 ¹	2
Municipal Engineering ²	3	Municipal Engineering ²	3	Municipal Engineering ²	3
Journalism 12 ¹	2	Soc. 1 ¹ (Principles).....	3	Soc. 1 ¹ (Principles).....	3
Econ. 51 ¹ (Public Finance).....	3	Pol. Sci. 34 ¹ (Mun. Problems).....	3	Pol. Sci. 34 ¹ (Mun. Problems).....	3
	18		18		18

¹Courses to be substituted for prescribed landscape courses.
²New course to be offered by the Civil Engineering Department.

CURRICULUM IN CITY PLANNING OPTION OF CIVIL ENGINEERING

Degree of Bachelor of Science in Civil Engineering awarded after the completion of the four years' work as outlined

The first two years' work to be the same as the present curriculum in Civil Engineering:

FIRST SEMESTER		THIRD YEAR	SECOND SEMESTER	
		<i>Hours</i>		
C. E. 51—Railroad Surveying.....	5		C. E. 60—Stresses in Struct.....	4
T. A. M. 25—Resistance of Materials.....	5		C. E. 62—Elem. Structural Design.....	2
C. E. 52—Roads and Pavements.....	3		C. E. 81—Theory of Reinforced Concrete.....	3
Hort. 37a—City Planning.....	2		Hort. 37b—City Planning.....	2
A. E. 33—Architectural Drawings.....	3		T. A. M. 26—Mechs. and Hydraulics.....	4
			A. E. 34—Architectural Design.....	3
		18		18
FOURTH YEAR				
C. E. 55—Highway Design.....	4		C. E. 72—Sewerage.....	3
C. E. 71—Water Supply Engr.....	4		C. E. 75—Masonry Construction.....	3
C. E. 85—Structural Design.....	5		C. E. 80—Contracts and Specs.....	2
Landscape Design.....	4		C. E. 82—Reinforced Concrete Design.....	4
C. E. 99—Inspection Trip.....	0		Landscape Design.....	4
		17		16

On motion of Mrs. Evans, these options were authorized.

CHANGES IN ATHLETIC COACHING CURRICULUM

(8) The University Senate recommends certain changes in the requirements for graduation in the Athletic Coaching curriculum. Briefly the changes are: (a) a decrease from forty-seven to forty-one hours of required work in technical Athletic Coaching courses; (b) an increase from twenty hours to twenty-five in required courses in Education; (c) the requirement of thirty-three hours of specified courses other than work in Education or Athletic Coaching. All concerned are of the opinion that these changes will improve the work. No addition to the budget is required by these changes.

I recommend approval.

CURRICULUM IN PHYSICAL EDUCATION AND ATHLETIC COACHING

Leading to the Degree of Bachelor of Science in Physical Education

A total of 136 semester hours is required for the degree.

Twenty-five semester hours in Education are required as follows:

	<i>Hours</i>
Education 6—Principles of Secondary Education.....	3
Education 7—School Program in Physical Education.....	3
Education 8—History, System and Theories of Physical Education.....	2
Education 10—Technic of Teaching.....	3
Education 25—Educational Psychology.....	3
Education 28—Psychology of Athletics ¹	3
Educational Practice 1, 2, 3, 4.....	8
	25

Thirty-three semester hours of work in various departments are required as follows:

	<i>Hours</i>
Rhetoric 1—Rhetoric and Composition.....	3
Rhetoric 12—Rhetoric and Literature.....	5
Military.....	4
Journalism 7—Sports Writing.....	3
Public Speaking 1—Principles of Effective Speaking.....	3
Physiology 1—Elements of Physiology.....	2
Physiology 2—Physiology of Physical Exercise.....	4
Anatomy 1—Introduction to Anatomy and Physiology.....	3
Anatomy 2—Outline of Human Anatomy.....	3
Hygiene 10—General Hygiene.....	3
	33

¹Psychology 1 (4) may be substituted for Education 28.

Forty-one semester hours in technical training are required as follows:

	<i>Hours</i>
A. C. 2—Calisthenics.....	4
A. C. 4—Gymnastic Stunts.....	4
A. C. 7—Boxing and Wrestling.....	2
A. C. 15—Community Recreation.....	2
A. C. 16—Training and First Aid.....	2
A. C. 17—Organization and Administration.....	3
A. C. 20—Track and Field Athletics.....	4
A. C. 30—Football.....	2
A. C. 31—Football.....	2
A. C. 32—Football.....	2
A. C. 40—Basketball.....	2
A. C. 41—Basketball.....	2
A. C. 50—Baseball.....	4
A. C. 60—Swimming.....	2
A. C. 70—Orthopedics and Medical Gymnasium.....	4
	41

A requirement of sixteen hours in a second subject of specialization (a high school subject other than Physical Education) must be met.

The remaining hours necessary to complete the requirements for graduation shall be selected from courses other than Athletic Coaching.

On motion of Mrs. Grigsby, these changes were authorized.

SUMMER SESSION FEE IN MUSIC

(9) A recommendation from the Director of the School of Music and the Director of the Summer Session that the following fees for music in the summer session be established:

Students of the School of Music—\$12.50 for the session.

Other students—One lesson a week \$10 for the session; two lessons a week \$18 for the session.

These are in lieu of the present fees of \$6 for one lesson a week and \$10 for two lessons per week for all students.

The Acting Comptroller joins in this recommendation and I concur.

On motion of Mrs. Grigsby, these fees were authorized.

CONTRACT FOR SALE OF PHOSPHORUS TEST SOLUTION

(10) A proposed agreement with the Urbana Laboratories for the manufacture and distribution of the solution known as the "Field Test for Available Phosphorus in Soils." At an earlier part of this meeting (on December 4) the Board voted to enter into an agreement with this concern for the sale of this solution under certain terms and conditions recommended by the Superintendent of Business Operations and the Acting Comptroller.

I recommend approval of this contract.

AGREEMENT

THIS AGREEMENT between the BOARD OF TRUSTEES of the UNIVERSITY OF ILLINOIS, party of the first part, and A. L. WHITING, doing business under the name and style of URBANA LABORATORIES, of the City of Urbana, Illinois, party of the second part, WITNESSETH:

The party of the first part being the owner and holder of an interest in Patent Application Number 386387, under date of August 16, 1929, for a formula for delivering available phosphorus in soil, agrees with the party of the second part:

1. The first party grants hereby to the second party the sole and exclusive right to manufacture and distribute a solution known as the "Field Test for Available Phosphorus in Soils," under the trade name HI-LO-FOSFATE REAGENT, or such other trade name as the party of the second part may determine.

2. The first party reserves unto itself the right to make, or to have made for it, and to use for research work, or to sell to others for research work only, the solution herein referred to.

3. In consideration of the license privilege herein granted, the party of the second part agrees to pay the party of the first part as royalty ten cents (\$.10) a quart, such royalty to cover all quantities manufactured, sold and distributed on and after November 21, 1929, and during the entire life of this contract.

4. For the purpose of accounting, the year shall be divided into quarterly periods beginning on the first days of January, April, July, and October of each year. The party of the second part shall deliver to the party of the first part within fifteen days after the close of each quarterly period a complete report, sworn to, if requested, by the Comptroller, setting forth the total quantity of the solution manufactured pursuant to this agreement during the quarter immediately preceding such report and also the quantity sold or distributed during said period. Payment in full for all royalties due for the period shall accompany the report. The party of the second part agrees to keep its records in such form as will be acceptable to the Comptroller of the first party.

5. The party of the second part agrees to market and distribute the solution herein described in full conformity with all the laws of the United States and of the State of Illinois now in force or hereafter enacted.

6. The party of the second part agrees to use all reasonable efforts to promote the manufacture and sale and distribution of the solution described, and for failure to use such reasonable effort the first party may terminate this agreement at any time.

7. The first party shall have the right to terminate this agreement if the second party fails or refuses fully to comply with any of the terms thereof. In case the first party desires to terminate this agreement because of default of the second party, the first party shall serve notice in writing upon the second party, stating the nature of such default and its intention to terminate this agreement. The second party shall then have thirty days within which to comply with the terms of this agreement, and in case of failure to do so the agreement shall ipso facto be terminated.

8. This agreement shall become operative when approved by the first party and shall continue for a period ending December 31, 1930, unless sooner terminated as herein provided. At the end of the period of this agreement the parties will review the circumstances and determine whether to continue the agreement for a further period, and if so, on what terms.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed by their proper officers in their official capacity and the corporate seal hereunto attached at Urbana, Illinois, this — day of December, 1929.

BOARD OF TRUSTEES OF THE
UNIVERSITY OF ILLINOIS

By _____

Attest: _____

URBANA LABORATORIES

By _____

Approved:

SVEINBJORN JOHNSON
Legal Counsel

On motion of Dr. Noble, this contract was approved and the proper officers of the Board were authorized to execute it.

MESSAGE FROM ETA KAPPA NU

(11) A letter from the President of the National Executive Council of the Eta Kappa Nu Association (Honorary Electrical Engineering Society) requesting me to express to the Board of Trustees the appreciation of the Association for the permission given them to place a marker on the campus on the occasion of their Twenty-fifth Anniversary to commemorate the founding of this organization at the University.

This report was received for record.

REPORT OF COMMITTEE ON ACCOUNTANCY

(12) The annual report of the Committee on Accountancy for the year July 1, 1928, to June 30, 1929.

REPORT OF THE
UNIVERSITY COMMITTEE ON ACCOUNTANCY
1928-29

(July 1, 1928—June 30, 1929)

Dr. David Kinley, President

DEAR MR. PRESIDENT:

The University Committee on Accountancy respectfully submits herewith a report of its work for the year ended June 30, 1929.

PERSONNEL

The membership of the University Committee has been as follows: Professor M. H. Robinson, Chairman; Professor W. E. Britton; Registrar G. P. Tuttle, Secretary, *ex-officio*. Mr. D. A. Grossman, Examiner in the Registrar's Office, has served again as Clerk of the Committee.

The University Committee recommended the appointment of Mr. Eric L. Kohler of Chicago to the Board of Examiners to succeed Mr. Arthur Anderson whose term expired June 30, 1928. You presented his name to the Board of Trustees, the Board approved the appointment and Mr. Kohler accepted it. The organization of the Board has been as follows:

Mr. Harold Bennington, C.P.A., Chairman
Mr. Eric L. Kohler, C.P.A., Secretary
Mr. Herbert Pope, LL.B.

EXAMINATIONS

Two examinations have been held during the year, one on November 22 and 23, 1928, and one on May 9 and 10, 1929. The statistics for these examinations are as follows:

<i>November, 1928, Examination</i>	
Number of candidates.....	209
Number that passed in all subjects.....	8
Number that passed in one or two subjects on re-examination under Rule 33.....	24
Total number who received certificates.....	32
<i>May, 1929, Examination</i>	
Number of candidates.....	278
Number that passed in all subjects.....	16
Number that passed in one or two subjects on re-examination under Rule 33.....	10
Total number who received certificates.....	26
Total number of certificates issued during the year	58

Below are listed the names of persons awarded the C. P. A. certificates during the year:

<i>November, 1928</i>			
	<i>Cert.</i>		<i>Cert.</i>
<i>Name</i>	<i>No.</i>	<i>Name</i>	<i>No.</i>
OGDEN ASHLEY.....	809	H. EVERETT OLSON.....	831
GILBERT BUTLER BROWN.....	810	HOWARD F. PRATT.....	832
JAMES DARRELL COON.....	811	GEORGE WILLIAM PRICE.....	833
SAM DAVIS.....	812	AMBROSE MATHIAS REITER.....	834
ALBERT RUSSELL GRIFFITH.....	813	ALBERT LEE RODERICK.....	835
CLYDE CASPER HALE.....	814	EVERETT EDGAR ROLL.....	836
EDWARD JOSEPH HOFFMAN.....	815	STANLEY REYNOLD SANDBERT.....	837
JOHN FREDRICK HUENI.....	816	DE FOREST WARD SEYMOUR.....	838
BYRNE A. JACKSON.....	817	BENJAMIN BERNARD SILVER.....	839
FRANK EDWARD KOHLER, JR.....	818	WALTER MASON SMITH.....	840
WILLIAM M. LAYMAN.....	819	SOL STANGLE.....	821
HYMAN EUGENE LEICHENGER.....	820	ARTHUR ROBERT STONE.....	822
RALPH ARTHUR MARTIN.....	827	HARRY LEONARD TRUGMAN.....	823
CHARLES ROBERT MILLER.....	828	JOHN ROWLAND WARD.....	824
A. ROBERT NELSON.....	829	CURTIS HOLGATE WILLEY.....	825
EDWARD J. NORMAN.....	830	CHARLES N. WILSON.....	826

<i>May, 1929</i>	
CLARENCE A. ALVERSON.....	841
HENRY BAULING.....	842
SOLIS ALEXANDER BELL.....	843
CLARENCE A. BICKEL.....	844
EDWARD CLARENCE FRIEDEL.....	845
JOSEPH NEVERN GOULD.....	846
BERNHART HAUGEN.....	847
EDMUND JAMES HAUGH.....	848
RALPH SAMUEL JACOBS.....	849
AUGUST LUDWIG KNOLLMULLER.....	850
EUGENE KUHN.....	851
CLARENCE OZRO MELOY.....	852
KERMIT NEUMAN.....	853
NORBERT ANDREW PEETERS.....	854
ROBERT O. PETERSON.....	855
MYRON PLOTKIN.....	856
ROSCOE ANTHONY PRATER.....	857
ALMA ELIZABETH RASMUSSEN.....	858
GORDON B. ROCKAFELLOW.....	859
OSCAR SCHAEFER.....	860
ROBERT BARRY SCOTT.....	861
S. WALTER SCOTT.....	862
HAROLD B. SELIGMAN.....	863
HERMAN E. WARD.....	864
JOHN OLIVER YEASTING.....	865
ROYAL WILLIAM FREDERICH ZIMMERMAN.....	866

FINANCIAL STATEMENT

The balance on hand at the beginning of the present fiscal year was \$23,082.29. The receipts for the year were \$10,258.75. The total disbursements were \$6,392.67. The balance at the close of the fiscal year was \$26,948.37. A complete financial statement for the year is attached.

Respectfully submitted,

UNIVERSITY COMMITTEE ON ACCOUNTANCY

MAURICE H. ROBINSON
Chairman

G. P. TUTTLE
Secretary

COMMITTEE ON ACCOUNTANCY
FINANCIAL STATEMENT

July 1, 1928, to June 30, 1929

Receipts

Examination Fees.....	\$10 400 00	
Less Refunded Fees.....	210 00	\$10 190 00
Sale of Questions.....		58 75
Fees for duplicate certificates.....		10 00
<i>Total Receipts</i>		\$10 258 75

Expenses

Payment to Board of Examiners.....	\$ 2 630 00	
Stenographic and Clerical.....	2 046 22	
Printing and Publication.....	863 14	
Travel.....	337 05	
Office Supplies and Equipment.....	264 37	
Postage.....	140 00	
Advertising.....	86 55	
Telephone, Telegraph, Freight and Ex- press.....	25 34	
<i>Total Expenses</i>		\$ 6 392 67
Excess of Receipts over Expenses for the Year 1928-29.....		3 866 08
Business Office Balance, July 1, 1928 ...		23 082 29 ¹
Excess of Receipts over Expenses for the Year 1928-29.....		3 866 08
Balance on Hand June 30, 1929.....		26 948 37

¹This balance includes an item of \$30.05 carried on the Business Office books as an incumbrance, June 30, 1928.

Less Error on Business Office Records in Charging Entrance Examination Salaries to this account in October and November, 1928 (to be corrected November, 1929).....	283 32
Balance shown on Business Office Records June 30, 1929.....	\$26 665 05

This report was received for record.

OPTICAL SERVICE IN THE COLLEGE OF MEDICINE

(13) A recommendation from the Comptroller and the Dean of the College of Medicine that an arrangement be entered into with a wholesale optical house, on the basis of competitive bids, to furnish optical service to the College of Medicine under the following conditions and requirements:

1. A competent dispensing optician is to be sent daily by the company to a place provided and furnished by the University at a regular time designated by the University.
2. He will take all measurements, make all mechanical adjustments on frames, etc., and collect all charges from the patients. Should glasses purchased by patients require a change of lens within three months from the time of purchase, due to an error on the part of the University staff, the substitution will be gratis. The number of these cases is not to exceed five per cent of the annual total.
3. Prices to be charged shall be specified by contract and shall be based on standard wholesale prices to which the company may add a stated uniform fitting charge for each pair of glasses sold.
4. The company shall assume all charity cases, estimated at not over twelve per cent of the total.
5. All records shall be kept in a form prescribed by the University and shall be open to inspection by the University.
6. An itemized statement in a form prescribed by the University is to be furnished monthly.
7. Prices shall be subject to adjustment quarterly if the volume of charity work is more or less than herein stated, such adjustment to be made by conference of both parties.
8. All materials furnished are to be of uniform, standard quality and patients shall have choice of frames as follows:
 - (a) Gold-filled, one-tenth to twelve carat.
 - (b) Shell inner frame.
 - (c) All shell.

No solid gold frames will be provided.

Only leading wholesale houses who are manufacturers and distributors of standard quality merchandise free from defects will be invited to compete. The contract will be awarded on the basis of lowest price, ability of the company to render the regular service, and diversification of standard optical merchandise which it proposes to supply.

I recommend that this plan be adopted and put in force as soon as a detailed plan can be prepared.

On motion of Mr. Simpson, this recommendation was concurred in.

DELEGATION OF SIGNATURES

(14) At the March meeting (Minutes, page 144, March 12, 1929) your Board approved certain regulations concerning the delegation of signatures by deans, directors, and heads of departments. The Comptroller and myself have discussed the matter pretty thoroughly and I recommend that no further action be taken.

No action was taken in this matter.

FURNITURE FOR U. S. CENSUS OFFICE

(15) A letter from the Supervising Architect proposing to lend such of our surplus furniture as can be spared to furnish an office for the local representative of the U. S. Census Organization.

No action was taken on this matter.

LOCATION OF PRESIDENT'S HOUSE

Mr. Barr moved that the action of the Board on December 4, selecting a site for the President's house, be reconsidered.

This motion was carried unanimously.

Mr. Barr reported that the committee was unable to agree on this matter, and submitted the matter without recommendation.

On motion of Mr. Barr, this report was received and made a matter of record.

After discussion, and on motion of Dr. Noble, the action of December 4 selecting the location on the Horticultural tract was reaffirmed, by a vote of five to four.

COMMITTEE ON SELECTION OF PRESIDENT

Mr. Barr, for the special committee on the selection of a President of the University, made a report of progress, outlining the methods followed by the committee.

This report was received for record.

PRESIDENT A MEMBER OF BOARD COMMITTEES

President Kinley called attention to Article VI, Section 5, of the By-Laws, which provides that the President of the University is *ex officio* a member of all committees.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record a list of appointments made by the President of the University.

Barnes, Joseph Earll, Research Assistant in Botany, on one-half time, beginning November 11, 1929, and continuing until July 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (November 16, 1929)¹

Bowman, Curtis Buford, Assistant in Internal Medicine, in the College of Medicine, for twelve months beginning September 1, 1929, without salary. (December 5, 1929)

Burke, Marjorie, Switchboard operator and clerk in the Purchasing Department, in the College of Medicine, for nine months beginning December 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (November 21, 1929)

Giesecke, Minnie, Assistant in Athletic Research in the Department of Physical Welfare, in the College of Education, for five months beginning February 1, 1930, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month. (December 9, 1929)

Hall, Melvin Eugene, Assistant in Accountancy, on one-half time, for five months beginning February 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (November 16, 1929)

Hanelin, Henry A., Technician in the Department of Physiology and Physiological Chemistry, in the College of Medicine, for ten months beginning November 1, 1929, at a cash compensation at the rate of ninety dollars (\$90) a month. (November 16, 1929)

Hansen, Roy, Special Research Assistant in the Department of Bacteriology, beginning November 15, 1929, and continuing until June 30, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (November 16, 1929)

Heitman, John Russell, Assistant in the School of Journalism, beginning November 15, 1929, and continuing until February 1, 1930, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (November 27, 1929)

Jennings, Doris, Technician in the Department of Dermatology on one-half time and Technician in the Hospital Laboratory on one-half time, for nine months begin-

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

ning December 1, 1929, at a cash compensation at the rate of one hundred ten dollars (\$110) a month. (November 27, 1929)

Kaeiser, William Henry, Technician in the Animal Hospital, in the College of Medicine, for nine months beginning December 1, 1929, at a cash compensation at the rate of one hundred sixteen dollars and sixty-six and two-thirds cents (\$116.66 $\frac{2}{3}$) a month. (November 18, 1929)

Laing, Milton Lionel, Special Research Assistant in Bacteriology, for seven months beginning December 1, 1929, at a cash compensation at the rate of seventy dollars (\$70) a month. (November 26, 1929)

Lawrence, Althea, Stenographer in the University High School, for nine months beginning December 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (December 2, 1929)

Littig, Amy, Anaesthetist in the Dispensary, in the College of Medicine, beginning December 9, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of two hundred ninety-one dollars sixty-six and two-thirds cents (\$291.66 $\frac{2}{3}$) a month. (December 10, 1929)

MacFate, Robert P., Hospital Chemist in the Hospital Laboratories, in the College of Medicine, on four-fifths time, for ten months beginning November 1, 1929, at a cash compensation at the rate of one hundred seventy-three dollars and thirty-three and one-third cents (\$173.33 $\frac{1}{3}$) a month, this superseding his previous appointment. (November 18, 1929)

Nusspickel, Margaret C., Stenographer in the Department of Zoology, for nine months beginning December 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (December 5, 1929)

Parmacek, Louis, Assistant in Dermatology, in the College of Medicine, for ten months beginning November 1, 1929, at a cash compensation at the rate of twenty dollars (\$20) a month. (November 18, 1929)

Patterson, Mildred Daniels (Mrs.), Extension Specialist in Junior Club Work in the Home Economics Extension, in the College of Agriculture, for nine months beginning December 1, 1929, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month. (November 26, 1929)

Rabe, Leslie Leland, Assistant in Mathematics, on two-thirds time, beginning November 16, 1929, and continuing until January 31, 1930, at a cash compensation at the rate of one hundred six dollars and sixty-six cents (\$106.66) a month. (November 18, 1929)

Ragins, Oscar B., Assistant in Internal Medicine, in the College of Medicine, for twelve months beginning September 1, 1929, without salary. (December 5, 1929)

Randall, Glenn Seymour, District Junior Club Leader in the Agricultural Extension Service, in the College of Agriculture, beginning December 15, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of two hundred forty-one dollars and sixty-seven cents (\$241.67) a month. (December 5, 1929)

Rossiter, Lewis James, Technician in Obstetrics and Surgery, in the College of Medicine, beginning November 16, 1929, and continuing until September 1, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (November 16, 1929)

Smith, DaVon, Assistant Mechanician in the Department of Physics, in the College of Engineering, for ten months beginning November 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifteen dollars (\$115) a month. (November 16, 1929)

Sruogins, Albina, Technician in the Department of Pathology, in the College of Medicine, for nine months beginning December 1, 1929, at a cash compensation at the rate of one hundred dollars (\$100) a month. (December 9, 1929)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

January 7, 1930



The January meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 9:30 a.m. on Tuesday, January 7, 1930. The following members were present: President Armstrong, Mr. Barr, Mr. Blair, Mrs. Busey, Mrs. Evans, Mr. Fisher.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of December 4, 1929, and of the adjourned session of December 12, 1929.

On motion of Mrs. Evans, the minutes were approved as printed on pages 445 to 470 above.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

BIDS ON CHEMISTRY ANNEX

(1) A letter from Professor J. M. White, stating that bids on the general contract and the heating, ventilating, plumbing, and wiring of the Chemistry Annex would be received on January 11, 1930.

President Armstrong asked Mrs. Busey and Mrs. Evans to represent the Board at the opening of these bids.

SMITH-LEVER BUDGET

(2) A revised budget for the Smith-Lever extension work for the current year.

On motion of Mr. Barr, seconded by Mr. Blair, this budget was referred to the President of the University, with power to act.

OFFER OF LAND FOR FORESTRY WORK

(3) A letter offering for sale to the University a tract of 56 acres of land planted and suitable for experimental work in forestry.

On motion of Mr. Barr, this offer was declined.

CHAMPAIGN COUNTY MILK PRODUCERS ASSOCIATION

(4) A statement concerning the Champaign County Milk Producers Association.

This matter was discussed at length, and it was the opinion of the Board that a hearing should be granted to representatives of the University and of the Association.

On motion of Mr. Barr, it was voted that when the Board adjourned, it should adjourn to meet at the University, in Urbana, at one p.m. on Saturday, January 11, 1930.

ADMISSION REQUIREMENT FOR NON-ILLINOIS STUDENTS

(5) A recommendation from the Council of Administration that the statement of the scholarship rule governing the admission of non-Illinois students (adopted by the Board of Trustees, February 8, 1922, and amended March 14, 1922—Minutes, pages 153 and 171) be revised to read as follows:

SCHOLARSHIP REQUIREMENT FOR NON-ILLINOIS STUDENTS

An applicant for admission to the University who is not a legal resident of Illinois is required to present with his application for admission to any of the colleges or schools of the University, except as an unclassified student or as a student in the Graduate School, satisfactory evidence that he maintained at the school or college which he last attended, prior to seeking entrance to the University of Illinois, a full schedule of studies with a scholastic average at least ten percent above the passing grade of such school or college.

In case of records which are not kept in numerical grades but in literal or other systems of grading, this requirement will be interpreted to mean an average of one grade above the passing grade; e.g., in a system of A, B, C, and D, with D as the passing grade, the average must be C.

On motion of Mr. Blair, this revision was adopted.

COOPERATIVE AGREEMENT WITH UNITED STATES BUREAU OF PUBLIC ROADS FOR CONCRETE ARCH INVESTIGATIONS

(6) On November 15, 1929, (Minutes, page 437) the Board authorized the execution of an agreement with the Bureau of Public Roads of the United States Department of Agriculture for a cooperative investigation of multiple-span arches. This is a continuation of the work on concrete arches which the Experiment Station has been doing

and for which the American Society of Civil Engineers has supplied the funds as a gift. The agreement with the Bureau of Public Roads as originally drawn was of the form and character of agreements which have been approved in the past. The Bureau wishes to modify this agreement in two respects, viz:

1. To have the investigation under the joint direction of the University and the Bureau.

2. To give the Bureau the right to publish the results simultaneous with or subsequent to publication by the University.

To meet the objections raised by the Bureau to the original form of the agreement, it has been modified as follows:

1. In Section 2, the words "and the Bureau" have been inserted in the second line. The sentence, "If the cooperating parties fail to agree at any point or in any particular, the right to make the final decision will rest with the University," has been added to this section.

2. In Section 4, the last sentence, reading, "The conduct of the tests shall be under the full control of the University through the Engineering Experiment Station which is necessarily responsible for the results secured," has been omitted on the ground of partial redundancy on Section 2 and of irrelevancy to the subject matter of the section itself.

3. In Section 5, a sentence reading, "The Bureau shall also have the right to publish the results simultaneously with or subsequent to publication by the University," has been added. The section clearly states the right of the University to priority publication but gives the Bureau the right of republication.

On motion of Mrs. Busey, the President of the University was authorized to have these changes incorporated in the contract.

AMENDMENT OF REGULATION GOVERNING UNUSUALLY HAZARDOUS WORK OF MEMBERS OF THE STAFF

(7) By action of the Board, dated June 29, 1928 (Minutes, page 751), members of the Educational and Research Staff injured in the prosecution of work of an unusually hazardous nature may receive compensation under your rules under certain conditions provided approval was given in advance for the prosecution of the unusually hazardous work. By later action, under date of January 9, 1929 (Minutes, page 121), you approved a recommendation that owing to the impracticability of classifying the work of the departments from the point of view of being unusually hazardous, each individual case should be considered on its merits. It was not my intention by that recommendation to do away with the requirement of approval in advance for any individual to engage in unusually hazardous work. It seems to me that a practical requirement should be added, namely, that when permission is given an individual to engage in unusually hazardous work it should be only on the conditions that he submit to a physical examination by our Health Service and that the results of that examination are such as to justify the belief that the individual is in a condition to undertake the proposed work. I recommend that such physical examination be hereafter required as a condition of considering any claim for compensation, and that the requirement go into effect now, applying to those now in such work.

On motion of Mr. Fisher, this recommendation was adopted.

FEDERAL COMPENSATION OF MEMBERS OF THE STAFF FOR ACCIDENTS

(8) A recommendation from the Dean of the College of Agriculture that all members of the staff receiving all, or a considerable part, of their salaries from Federal funds be permitted to file with the United States Department of Agriculture information which will make them eligible for compensation from the United States Employee's Compensation Commission in case of accident.

The Legal Counsel saw no objection to their doing so and I instructed the Dean that they might do this.

On motion of Mrs. Evans, this action was confirmed.

ATHLETIC ASSOCIATION ICE SKATING RINK

(9) The following communication from Director George Huff, President of the Board of Directors of the Athletic Association:

December 27, 1929

President David Kinley, 355 Administration, West

DEAR PRESIDENT KINLEY:

At the last meeting of the Board of Directors of the Athletic Association the following action was taken:

"Mr. Hall moved that President Huff be instructed to withdraw the request of this Board for permission of the Board of Trustees to proceed with construction work on the ice skating rink until some future time. Motion seconded by Judge Harker and carried."

Will you kindly submit this matter to the Board of Trustees at its next meeting?

Yours very truly,

GEO. HUFF
Director

Permission to erect a skating rink on land owned by the University (corner of Armory Avenue and Fifth Street) was given the Athletic Association on April 12, 1928 (Minutes, page 586).

On motion of Mr. Blair, this letter was received for record and the Athletic Association was permitted to withdraw its request.

BURRILL AVENUE

(10) I present a statement concerning the use of the name "Burrill Avenue" and request that it be referred to the Special Committee on the naming of campus streets and drives.

This matter was referred to the Special Committee as requested.

CANCELLATION OF CONTRACT WITH GENERAL TALKING PICTURES CORPORATION (DEFOREST PHONOFILMS, INC.)

(11) The Legal Counsel reports that on November 30 there was delivered to the General Talking Pictures Corporation, 218 West Forty-second Street, New York City, a letter notifying them that the contract concerning the Kunz patent would be canceled in accordance with the provisions of the contract unless the delinquencies on the part of the corporation were cleared up within thirty days. This time limit expired December 30 and the contract has, therefore, been canceled as of that date.

This report was received for record.

NEGOTIATIONS WITH KNIGHT BROTHERS CONCERNING THE KUNZ PHOTO-ELECTRIC CELL PATENT

(12) A report from the Acting Comptroller that he has written Knight Brothers several times concerning the proposed purchase by one of their clients of the rights to the Kunz Photo-Electric Cell Patent (this question having been raised by Knight Brothers last year), but that the only information which he has been able to get is to the effect that they have not been able to obtain from their client the necessary information to advise us whether or not a proposal will be made.

The Board at its meeting on June 11, 1928 (Minutes, page 256), voted that steps be taken to develop by correspondence the matter of a possible license to the clients of Knight Brothers subject to the license to DeForest Phonofilms, Inc. Since then the contract with the General Talking Pictures Corporation, successors to DeForest Phonofilms, Inc., has been terminated.

This report was received for record.

OWNERSHIP OF PENNSYLVANIA AVENUE

(13) Pursuant to the instructions of the Board at its meeting on December 4, the Legal Counsel has advised Mr. Lyle Gallivan, owner of "Gallivan's Addition," of the facts relating to the ownership of Pennsylvania or Maple Avenue. He has also brought these facts to the attention of the Mayor and City Clerk of Urbana.

The Legal Counsel has also suggested to Mr. Gallivan how the matter can be adjusted without difficulty. Under the statutes concerning plats and the vacation of

plats Mr. Gallivan may prepare a written instrument to which he may attach a copy of the plat and in which instrument he may describe by metes and bounds the small strip which extends on University property, and declare such strip vacated. This instrument should be executed and acknowledged, approved by the City Council, and recorded in the same manner as the instrument filed and recorded with his original plat. Such a procedure will correct the mistake.

This report was received for record.

LIST OF EMPLOYEES SENT TO STATE AUDITOR

(14) In accordance with the law relating thereto and the action of the Board on September 18, 1929 (Minutes, page 359), a list of the persons employed by the University during the year 1929 was sent to the Auditor of Public Accounts on December 27, 1929, together with a letter of transmittal. The list was compiled by the Comptroller from his records as of December 18, 1929, and included payments for the full calendar year for all members of the staff who are on regular appointment and payments to whom for the rest of the month could be anticipated. A supplementary list of persons not on regular appointment paid after December 18 was made on December 31 and sent to the State Auditor.

The Comptroller wrote me under date of January 4 as follows:

"I desire to report that it cost \$651.28 to prepare the list of employees for the year 1929 as required by act of the Legislature. Of this amount, \$475.32 was for wages of temporary employees and \$175.96 was for printing, postage, and supplies. This expense is in addition to the time of members of the regular staff who assisted in the preparation of the list."

The items of expenditure were:

Clerical: 845 hours @ 40c.....	\$338.00
Typing: 259¾ hours @ 40c.....	103.92
Typing: 42 hours @ 45c.....	18.90
Typing: 29 hours @ 50c.....	14.50
<hr/>	
Total 1175¾	\$475.32
Printing.....	112.96
Postage.....	60.00
Supplies.....	3.00
	<hr/>
	\$651.28

In explanation of this large expenditure it should be pointed out that the work involved was tedious and large in amount. The number of names reported was 6845. The law provides that not only the names and remuneration but also the residence and voting places of the employees must be reported. In any university there are many classes of employees from the point of view of work and tenure. Some, like students or temporary laborers, may be employed for only a few hours. In the multitudinous departments of a university there is constant demand for temporary service of one kind and another. It is conceivable that if a particular kind of service were continuous one or two persons might be employed through the year to perform it. When it is occasional, being needed a large number of times for short periods, the number of persons employed may be multiplied many times. In other words, the list of employees of any university is by no means the same as the list of persons employed continuously through the year. Even some educational positions are filled only for a semester or a few months. These and similar conditions account for the long list of names.

Many in the employ of the University, on its educational staff and in other lines of work, leave at the end of the academic year and their whereabouts cannot be known by the University authorities. For example, some of those employed in the first half of the calendar year, 1929, are in distant states and some even in foreign countries. For us to give their present residences and voting places is, in many cases, impossible.

Moreover, we have never found it necessary before to try to keep a record of voting places of our employees. For that reason the time and labor necessary to compile this list was very great.

This report was received for record.

INSTRUMENTS PURCHASED FOR PHYSICS LABORATORY

(15) I have authorized the purchase of instruments for the Physics Laboratory, from an appropriation already made, as follows:

- 1 Hilger all-metal quartz spectrograph, \$2145.
- 1 Quartz optical system for above, \$1310.

On motion of Mrs. Evans, this action was confirmed.

GIFTS TO THE UNIVERSITY

(16) The following report of gifts received by the University since the last report:

1. From the Rohm and Haas Company of Philadelphia, through Mr. Otto Haas, President, an offer of \$1,000 to establish a research fellowship in the field of high pressure gas reactions—similar to the one now supported by the Tennessee Products Corporation.

2. From the Westinghouse Electric and Manufacturing Company, through Mr. H. H. Coe, Central Station Division, Springfield, an offer of two Capacitors, valued at \$300, for the use of the Department of Electrical Engineering.

3. From the DuPont de Nemours & Company \$750 (payment to be made in September, 1930) to continue the DuPont Fellowship in chemistry for the academic year 1930-31.

This report was received for record.

TREASURER'S REPORT OF COLLECTION OF FUNDS DUE ON CERTIFICATES OF DEPOSIT

(17) A report that Mr. H. S. Capron, Treasurer, has collected the entire amount of \$105,000 due on certificates of deposit which were placed with him for collection by Mr. A. M. Burke, former Treasurer of the University, at the time of the transfer of funds in his custody. The Acting Comptroller reports further that he has received from Mr. Capron duplicates of deposit tickets covering the deposit of the above amount to his account as Treasurer.

December 21, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I submit herewith a letter from Mr. Hazen S. Capron, Treasurer, advising me of collection of the \$105,000.00 due on Certificates of Deposit which were placed with him for collection.

We have received from Mr. Capron duplicates of deposit tickets covering the deposit of the above amount to his account as Treasurer of the University.

Very truly yours,

H. M. EDWARDS
Acting Comptroller

December 19, 1929

Mr. H. M. Edwards, Acting Comptroller, University of Illinois

MY DEAR MR. EDWARDS:

I am pleased to say that I have collected the entire amount due upon the Certificates of Deposit in the aggregate sum of \$105,000.00, which were placed with me for collection by A. M. Burke, former Treasurer of the University of Illinois, at the time the transfer of funds in his custody was made.

Yours truly,

HAZEN S. CAPRON
*Treasurer,
University of Illinois*

On motion of Mr. Blair, this report was received for record.

**LETTERS FROM SURETY COMPANIES CONCERNING
TREASURER'S BOND**

(18) Since the last meeting of the Board letters have been received from the Columbia Casualty Company, dated December 16, 1929, and the Fidelity and Casualty Company of New York, dated December 16, 1929, sureties for Mr. H. S. Capron, Treasurer, confirming the telegrams received on December 12 authorizing the change in the statement in the bond changing the date of Mr. Capron's election from December 4, 1929, to December 12, 1929. The original copies of these letters have been filed with the Secretary of the Board.

This report was received for record.

**COMPTROLLER'S REPORT OF CONTRACTS AND
PURCHASE ORDERS**

(19) The following report from the Acting Comptroller of contracts and purchase orders of \$1000 and over executed since the last report.

*CONTRACTS EXECUTED BY THE ACTING COMPTROLLER
NOVEMBER 30, 1929, TO JANUARY 4, 1930*

Cooperative research agreement executed on special authorization of the Board of Trustees at meeting of July 17, 1929, recorded in minutes on page 268:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Purpose</i>
International Association of Milk Dealers.....	\$2 400 00	December 10, 1929	For a two-year assistantship in Agricultural Experiment Station for study of factors affecting the marketability of fluid milk

Cooperative research agreement executed on special authorization of the Board of Trustees in meeting of December 4, 1929:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Purpose</i>
Committee on Scientific Research of American Association of Medical Milk Commissions and Board of Directors of Certified Milk Producers Association of America	\$3 500 00	January 4, 1930	For a two-year cooperative investigation of toxins of streptococcus epidemicus and allied problems

Contract executed on special authorization of the Board of Trustees at the meeting of December 12, 1929:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Item</i>
Urbana Laboratories, A. L. Whiting, owner	Royalty of 10c a quart	December 11, 1929	For sale of phosphorus test solution known under trade name as "Hi-lo-Posfate Reagent"

Minor contracts executed under general regulations:

<i>Name</i>	<i>Amount to be received by University</i>	<i>Date</i>	<i>Item</i>
Illinois State Board for Vocational Education	Regular Fees	November 21, 1929	Regular instruction in the University to be rendered to various individuals as listed in contract for one year from September 16, 1929
Illinois State Board for Vocational Education	Regular Fees	November 21, 1929	Regular instruction in the University to be rendered to various individuals as listed in contract for one year from February 1, 1930
Illinois Printing Company	Estimated cost \$6 200	December 17, 1929	Printing and binding 22 000 copies of 1929-30 Annual Register

**PURCHASE ORDERS IN DECEMBER AMOUNTING TO
\$1000 OR MORE**

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation Made in Budget For</i>	<i>Procedure</i>
Bausch and Lomb Optical Company	Microscopes	\$1 210 42	Zoology	L. A. & S. Special Equipment	Competitive
Oesterlein Machine Company	Milling Machine	1 830 00	Chemistry	L. A. & S. Special Equipment	Competitive
C. A. Steinheil Sohne	Spectrograph Optical System	1 310 00	Physics	Engineering Special Equipment	Quoted
Hudson Burr	Calves	2 500 00	Animal Husbandry	Beef Cattle Station	Quoted
James G. Biddle	Spectrograph Condenser	2 145 00	Physics	Engineering Special Equipment	Quoted
Electric Coal Company	Coal	3 200 00	Physical Plant	Storage Coal (Stores Account)	Quoted

J. E. MILLIZEN
Acting Purchasing Agent

This report was received for record.

OPERATION OF WOMAN'S RESIDENCE HALLS

(20) The annual report on the operation of the Woman's Residence Halls for the year ending June 30, 1929.

This report was received for record.

**REPORT OF THE ACCIDENT COMPENSATION COMMITTEE FOR
THE YEAR ENDING JUNE 30, 1929**

(21) The report of the Committee on Accident Compensation for Employees of cases considered by the Committee during the year ending June 30, 1929.

This report was received for record.

HONORARIUM FOR MR. ROSEBERRY

(22) As the Board is aware, Mr. C. J. Roseberry, who is on half-time pay of the University as Keeper of the Alumni Records, agreed to edit the Alumni Directory and see it through the press. Mr. Roseberry has been at work on the project for the past two years, practically all on the time of the Athletic Association, the Alumni Association, and his own. He received permission of the officers of those Associations so to do. The work on the Alumni Directory was no part of the work for which he was originally employed. Since he is on half-time only it seems to me proper and right that he should be paid an honorarium for this extra work in editing and publishing the Directory.

Accordingly, I recommend an appropriation of \$1,000 from the Reserve and Contingent Fund for this purpose, one-half of it to be paid now, since the copy is all in the printer's hands and much of it set up, and the other half to be paid when the book appears.

On motion of Mrs. Evans, this recommendation was approved and the appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher; not voting, Mr. Blair; no, none; absent, Mr. Emmerson, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees.

AWARD OF C. P. A. CERTIFICATES

(23) A recommendation that the following persons who have been certified by the Board of Examiners in Accountancy as having passed the November, 1929, C.P.A. examination be awarded certificates as Certified Public Accountants.

MELVIN V. ANDERSON
 OTTO BAUMGARTNER
 PERSIE GORDON BEENE
 CARL ROEDEL CALDWELL
 WILLIAM R. CORSON
 ALBERT FERBER
 ARTHUR FREDERICK FORAN
 ADOLPH ROBERT HAYES
 EDWARD JAMES MCGEOUGH
 ROY C. OLSON

JOSEPH PELEJ
 ROBERT PENN
 GEORGE OTTO PODD
 NICHOLAS CLEMENS SCHOMMER, JR.
 CHARLES J. SCHUTZ
 BARCLAY J. SICKLER
 FRANCIS WATTERS SMITH
 BERNARD HENRY TRAUT
 NEWTON VAN DERVEER WAGNER
 MAXWELL ROSS YAHR

On motion of Mr. Blair, these certificates were awarded as recommended.

TAFT HONORARY LECTURESHIP FUND

(24) I report the receipt of \$1000 donated for the purpose of helping to establish a Lectureship in honor of Lorado Taft.

This report was received for record.

FINANCIAL REPORT, MCKINLEY HOSPITAL

Mr. Barr, for Dr. Noble, presented the following report, which had been prepared on December 12, 1929, but was not then presented to the Board:

Dr. Noble for the Special Committee on the McKinley Hospital, reported that the financial report for the year ending June 30, 1929, seems satisfactory, and recommended that the report be accepted.

W. L. NOBLE
 GEORGE A. BARR
 MARY E. BUSEY

On motion of Mr. Barr, this report was adopted, and the committee was discharged.

On motion of Mr. Barr, the general matter of the finances of the McKinley Hospital was referred to the Finance Committee for consideration and report, and the President of the Board was authorized to fill Mr. Simpson's place on this committee during his absence.

President Armstrong appointed Mr. Fisher to act as a member of the Finance Committee for the consideration of this matter.

NAMING OF STREETS AND BUILDINGS

Mr. Barr, for the special committee on the naming of streets and buildings, made a report of progress.

MEETING OF THE COMMITTEE ON PATENTS

President Armstrong made the following report.

The Committee on Patents of the Board of Trustees met Friday morning, December 13, 1929, in the Office of President Kinley to discuss the commercial development of Professor Buswell's process for the production of methane gas from corn-stalks. The following members of the Committee were present: Mr. James W. Armstrong, Chairman, Mrs. Laura B. Evans, Mr. Frank H. Simpson, and President Kinley. Professor A. M. Buswell and Professor James M. White were also present. Mrs. Evans was elected Secretary.

After consideration of the various proposals which have been received for the commercial development of Professor Buswell's process, on motion of Mr. Simpson, a sub-committee consisting of Mr. Armstrong as Chairman, President Kinley, Judge Sveinbjorn Johnson, Legal Counsel, Professor James M. White, Supervising Architect,

and Mr. John A. Diener, of the firm of Brown, Jackson, Boettcher, & Diener, Patent Attorneys, was appointed for further inquiry into the matter and report to the Committee.

LAURA B. EVANS

Secretary

President Kinley read a report from the sub-committee.

No action was taken on this matter.

AUTOMOBILE FOR THE PRESIDENT

President Armstrong made a report on the purchase of an automobile for the use of the President of the University and his family.

On motion of Mr. Barr, it was voted that a Cadillac limousine be purchased, and that the car now in use be traded in.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record a list of appointments made by the President of the University.

Alyea, Paul Edgar, Assistant in the Department of Economics, in the College of Commerce, for five months beginning February 1, 1930, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month. (December 31, 1929)¹

Beam, Mary Werts (Mrs.), Assistant in Textiles, in the Department of Home Economics, in the College of Agriculture, for five months beginning February 1, 1930, at a cash compensation at the rate of one hundred thirty-three dollars and thirty-three cents (\$133.33) a month. (December 30, 1929)

Beeker, Elizabeth (Mrs.), Record Clerk in the Department of Administration, College of Engineering, for eight months beginning January 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (January 3, 1930)

Blickensdorfer, Philip, Instructor in the Department of Pharmacology, in the College of Medicine, beginning January 10, 1930, and continuing until August 31, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month. (January 3, 1930)

Brown, Glenn L., Chief Clerk in Agricultural Mailing Room, in the Department of Administration, College of Agriculture, for eight months beginning January 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (December 13, 1929)

Crouch, Rhoda B., Assistant in the Department of Botany, on one-half time, for five months beginning February 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month, this superseding her previous appointment. (December 28, 1929)

Douthit, Dorine (Mrs.), Stenographer in the Department of Administration, Agricultural Extension Service, for nine months beginning December 1, 1929, at a cash compensation at the rate of eighty dollars (\$80) a month. (December 14, 1929)

Ellies, Matilde, Assistant in Romance Languages, for five months beginning February 1, 1930, at a cash compensation of one hundred sixty dollars (\$160) a month. (December 30, 1929)

Fabert, Ellen Horn, Junior Stenographer in the Department of Dairy Husbandry, in the College of Agriculture, for eight months beginning January 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (December 30, 1929)

Honour, Wilfred M., Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, College of Engineering, beginning February 1,

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

1930, and continuing until February 1, 1931, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (December 23, 1929)

Milles, George (Dr.), Instructor in the Department of Pathology, in the College of Medicine, for eight months beginning January 1, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month. (December 23, 1929)

Patterson, Katherine, Assistant State Leader in Home Economics Extension, in the College of Agriculture, beginning January 20, 1930, and continuing until August 31, 1930, at a cash compensation at the rate of two hundred eight dollars and thirty-three cents (\$208.33) a month, this superseding her previous appointment. (December 13, 1929)

Smarzo, Marjorie M. (M.D.), Assistant in Hygiene and Medical Adviser for Women, beginning January 15, 1930, and continuing until September 1, 1930, at a cash compensation at the rate of one hundred sixteen dollars and sixteen cents (\$116.16) for the month of January, 1930, and two hundred twenty-five dollars (\$225) for each month thereafter. (December 31, 1929)

Springer, Lura L., Assistant in the Department of Botany, on one-fourth time, for five months beginning February 1, 1930, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (December 28, 1929)

Stimson, Ralph H., Assistant in Political Science, on three-fourths time, for five months beginning February 1, 1930, at a cash compensation at the rate of one hundred thirty-five dollars (\$135) a month. (December 23, 1929)

Suldane, John Anthony (Dr.), Instructor in the Department of Pediatrics, in the College of Medicine, for eight months beginning January 1, 1930, without salary. (December 11, 1929)

Welsh, John Wallace, Jr., Assistant in Physiology, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, on three-fourths time, for four months beginning February 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month, this superseding his previous appointment. (December 30, 1929)

Wheeler, Annabel, Stenographer in the Department of Surgery, College of Medicine, for nine months beginning December 1, 1929, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifteen dollars (\$115) for the first month, and one hundred twenty dollars (\$120) a month thereafter. (December 20, 1929)

Wheeler, Katherine M. (Mrs.), Cataloger in the Library, for eight months beginning January 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifty-eight dollars and thirty-three cents (\$158.33) a month, this superseding her previous appointment. (December 23, 1929)

The Board adjourned to meet at the University at 1 p.m. on Saturday, January 11, 1930.

H. E. CUNNINGHAM

Secretary

J. W. ARMSTRONG

President

ADJOURNED SESSION, JANUARY 11, 1930

When the Board met at the University at 1 p.m. on Saturday, January 11, 1930, the following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble.

President Kinley was present; also, during part of the afternoon, Professor H. W. Mumford, Dean of the College of Agriculture, Professor H. A. Ruehe, Head of the Department of Dairy Husbandry,

Mr. A. D. Lynch, Director of Dairy Marketing, of the Illinois Agricultural Association, Mr. Fred Shipley, Resident Manager of the Champaign County Milk Producers Association, Mr. Dewey Prather, Secretary of the Champaign County Milk Producers Association, and Mr. W. I. Riegel, of Tolono, Chairman of our Advisory Committee on Farm Organization and Management.

CHAMPAIGN COUNTY MILK PRODUCERS ASSOCIATION

President Armstrong stated that the purpose of the meeting was to give a hearing to representatives of the Champaign County Milk Producers Association and of the University to ascertain whether or not it were possible to find some practicable and proper arrangement of relations with the Association.

President Kinley presented a copy of the suggested contract with the Milk Producers Association.

THIS AGREEMENT between the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, Urbana, Illinois, party of the first part, and the CHAMPAIGN MILK PRODUCERS, Champaign, Illinois, a corporation under the laws of the State of Illinois, party of the second part

WITNESSETH:

1. The party of the first part agrees to purchase all the fluid whole milk it needs in addition to the milk produced by its own herds for use in its Dairy Plant Laboratory from the party of the second part who, in turn, agrees to furnish the requirements as made by the party of the first part.

2. In keeping with a long-established policy to take appropriate note of local market conditions, especially with reference to retail price in disposing of surplus products in order to avoid loss through unnecessary waste, the party of the first part will purchase the milk it needs for use in its Dairy Plant Laboratory at a price which is substantially equivalent to the so-called pool price paid to the party of the second part by the local milk distributors. The party of the first part agrees to do this on the assumption that such a price has been established as the general local market price for this commodity and will accept, until such conditions change as evidence of such local market price, the certified statement of an officer of the party of the second part. It is understood that the market price which the party of the first part will recognize as the market price shall be the price paid by the commercial distributors who are under contract with the party of the second part.

3. In pursuance of this policy the party of the first part will purchase milk from the party of the second part on a grading basis acceptable to the party of the first part, provided that the party of the first part pay the gross pool price as established by the party of the second part for milk that contains from 300,000-500,000 bacteria per cc., or milk of comparable quality to that graded as grade B by the Association and which contains 4 percent of butterfat.

4. In accordance with the practice followed in the past, the party of the first part agrees to purchase from the party of the second part the normal production of those individual members thereof who have been assigned to deliver milk to the party of the first part and approved by the party of the first part. The party of the second part further agrees to have such of its members deliver milk to the Dairy Plant of the party of the first part as may be approved from time to time by the party of the first part.

5. The deliveries of fluid whole milk shall be made on the premises of the party of the first part at such a point as it may require of the party of the second part. The party of the second part agrees to make such deliveries at the time and place required; but it is agreed that such deliveries may in whole or in part be made by such individual producers of milk as the party of the second part may designate and who are acceptable to the party of the first part. The party of the second part assumes full responsibility for deliveries as to time, manner, and quality by whomsoever such deliveries may be made here under. In all cases deliveries shall be made to the account of the party of the second part, and payments therefor made to the party of the second part on or before the fifth of each month succeeding the month of delivery. The party of the first part shall accompany the account and payment with a statement of the grade,

weights, and butterfat content of each member producer making deliveries for the party of the second part. Hauling charges to be deducted by the party of the first part and paid to the hauler as authorized by member producers and accounting thereof made to the party of the second part.

6. This agreement to become operative fifteen days from the time it is officially approved by the party of the first part and the party of the second part except that non-member producers now delivering milk to the Dairy Plant of the party of the first part may have the option of continuing to deliver milk to the party of the first part under the present verbal understanding with them for sixty days from the time of the acceptance of this instrument.

7. This agreement is to continue in full force and effect until January 1, 1931, renewable, however, from year to year thereafter and cancellable on sixty days notice by either party before the termination of the term.

IN WITNESS WHEREOF, the parties hereto have caused this agreement to be executed by their proper officers in their official capacity and the corporate seal hereunto affixed at Urbana, Illinois, this _____ day of _____.

APPROVED

BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS

Dean, College of Agriculture

By: _____
Acting Comptroller

President

By: _____
Secretary

Legal Counsel

CHAMPAIGN COUNTY MILK PRODUCERS

By: _____
President

By: _____
Secretary

Mr. Lynch, Mr. Shipley, and Mr. Prather made statements concerning this matter, and retired.

Dean Mumford, Professor Ruehe, and Mr. Riegel also made statements, and retired.

On motion of Mr. Barr, the following resolution was adopted:

WHEREAS the question of the propriety and legality of the University's entering into an exclusive agreement in accordance with the contract submitted to the Board at its meeting on January 7 (adjourned to January 11) to purchase the milk needed in its Dairy Department exclusively from the Champaign County Milk Producers Association has been presented to the Board of Trustees after a somewhat prolonged discussion between members of the faculty and members of said Association, and

WHEREAS said proposed contract, in the opinion of the members of the Board, does not entirely eliminate all the difficulties which the proposed relations with said Association would be likely to produce,

NOW THEREFORE BE IT RESOLVED that the Board of Trustees is in sympathy with all cooperative movements looking towards the economic improvement of society and desires in all practical and proper ways to promote the success of such movements and particularly of the farmers' cooperative marketing organization known as the Champaign County Milk Producers Association, and

BE IT RESOLVED FURTHER that inasmuch as the contract submitted to the Board by a joint committee of the faculty and members of said Association does not clear away all difficulties in the way of the University's action a committee of the Board (of which the President of the Board shall be chairman) shall be appointed to give immediate further consideration to this matter and to report to the Board at its next monthly meeting.

President Armstrong appointed Mrs. Busey and Mrs. Evans to serve with him on this committee.

MATTERS PRESENTED FOR PRESIDENT KINLEY

It being necessary for the President of the University to be absent from the room for a short time, the Board considered the following matters presented for the President, on his request, by the Secretary of the Board.

GENERAL CONTRACT, CHEMISTRY ANNEX

(1) Letter from Professor White:

January 11, 1930

Chemistry Annex

President David Kinley, 355 Administration (W)

DEAR PRESIDENT KINLEY:

I am enclosing a schedule of the bids received this morning for the General Work on the Chemistry Annex, and recommend that the contract be awarded to the low bidder, Mr. A. W. Stoolman of Champaign, at his bid of \$148,777.00.

Yours truly,

JAMES M. WHITE

Supervising Architect

**BIDS ON GENERAL WORK
CHEMISTRY ANNEX**

<i>Bidders</i>	<i>Bids</i>
1. A. W. Stoolman, Champaign.....	\$148 777 00
2. King & Petry, Champaign.....	159 000 00
3. Cook & Sons, Rockford.....	159 828 00
4. Hallbauer-Lebahn, Chicago.....	161 459 00
5. Wuellner & Son, Alton.....	162 055 00
6. English Bros., Champaign.....	162 686 00
7. Archibald Co., Chicago.....	162 800 00
8. Madsen Co., Minneapolis.....	163 581 00
9. Schafer & Olson, Chippewa Falls, Wis.....	163 748 00
10. J. H. Hunzinger & Co., Inc., Davenport.....	167 365 00
11. Lovering Longbotham, Ann Arbor, Mich.....	172 625 00
12. C. A. Moses Construction Co., Chicago.....	184 182 00
13. National Concrete Fireproofing, Cleveland.....	186 000 00

On motion of Dr. Noble, this contract was awarded to Mr. Stoolman, the lowest bidder, as recommended.

PLUMBING CONTRACT, CHEMISTRY ANNEX

(2) A letter from Professor White:

January 11, 1930

Chemistry Annex

President David Kinley, 355 Administration Building (W)

DEAR PRESIDENT KINLEY:

The following bids were received this morning for the Plumbing installation in the Chemistry Annex:

Johnson Bros., Champaign.....	\$16 265 00
Federal Engineering Co., Chicago.....	16 738 00
Ryan Plumbing & Heating Co., Davenport.....	17 435 00
Carson-Payson Co., Danville.....	17 639 00
Reliable Plumbing & Heating Co., Champaign.....	19 826 00
Hayes Bros., Indianapolis.....	19 987 00
Weil & Sons Co., Chicago.....	26 500 00

I recommend that the contract be awarded to Johnson Bros. Plumbing & Heating Co. of Champaign, the low bidder, at their bid of \$16,265.00.

Yours truly,
 JAMES M. WHITE
Supervising Architect

On motion of Mrs. Grigsby, this contract was awarded to Johnson Brothers, the lowest bidders, as recommended.

HEATING CONTRACT, CHEMISTRY ANNEX

(3) A letter from Professor White:

January 11, 1930

Chemistry Annex

President David Kinley, 355 Administration (W)

DEAR PRESIDENT KINLEY:

I am enclosing a schedule of the bids received for the Heating installation in the Chemistry Annex, and recommend that the award of the contract be made on the basis of the low bid from the Reliable Plumbing & Heating Company, of \$15,153.50, which is a deduction of \$753.50 from their base bid of \$15,907.00 for substituting National Regulator Company's temperature regulation for that of the Johnson Regulator Company specified.

Yours truly,
 JAMES M. WHITE
Supervising Architect

BIDS ON HEATING

Alternate No. 1—If Powers Regulator Co. temperature regulation is substituted
 Alternate No. 2—If National Regulator Co. temperature regulation is substituted
 Alternate No. 3—If American Blower Co. unit heaters are used

<i>Bidders</i>	<i>Bid</i>	<i>Alter- ate</i>		<i>Alternate No. 3</i>	
		<i>No. 1 Add</i>	<i>No. 2 Deduct</i>	<i>Add</i>	<i>Deduct</i>
1. Reliable Plbg. & Htg. Co., Cham- paign.....	\$15 907 00	\$744 00	\$753 50	\$315 00	
2. Johnson Bros., Champaign.....	16 065 00	767 00	777 00		
3. Eichler Heating Co., St. Louis..	16 447 00	770 00	770 00		
4. Hayes Bros., Indianapolis.....	17 235 00	698 00	797 00		
5. Carson-Payson Co., Danville...	17 998 00	700 00	500 00		\$845 00
6. Carstens Bros., Ackley, Ia.....	19 255 00	760 00	700 00		
7. Ryan Plbg. & Htg. Co., Daven- port, Iowa.....	19 535 00	700 00	710 00		
8. Sodemann Heat & Power Co., St. Louis.....	20 747 00	698 00	725 00		1 341 00
9. Wm. V. Hoier Co., Chicago....	21 450 00	1 000 00			

On motion of Mrs. Busey, this contract was awarded to the Reliable Plumbing and Heating Company, the lowest bidder, at \$15,153.50, as recommended.

VENTILATING CONTRACT, CHEMISTRY ANNEX

(4) A letter from Professor White:

January 11, 1930

Chemistry Annex

President David Kinley, 355 Administration (W)

DEAR PRESIDENT KINLEY:

I am enclosing a schedule of the bids received this morning for the Ventilating equipment in the Chemistry Annex, and recommend that the contract be awarded to Harry Derrough of Champaign, the low bidder, at his bid of \$4,450.00.

Yours truly,

JAMES M. WHITE
Supervising Architect

BIDS ON VENTILATION

- A—If Buffalo Forge Co. fans are substituted, add or deduct
- B—If American Blower Co. fans are substituted, add or deduct
- C—If Clarage Fan Co. fans are substituted, add or deduct

<i>Bidders</i>	<i>Bid</i>	<i>A</i>		<i>B</i>	<i>C</i>
		<i>Add</i>	<i>Deduct</i>	<i>Add</i>	<i>Add</i>
1. Harry Derrough.....	\$4 450 00			\$35 00	
2. Carstens Bros.....	4 465 00	\$200 00		50 00	\$300 00
3. Carson-Payson Co.....	4 609 00				
4. Johnson Bros.....	4 628 00			35 00	
5. Eichler Heating Co.....	4 637 00	55 00			116 00
6. Hayes Bros.....	4 700 00	110 00		19 00	
7. Ryan Heating Co.....	4 814 00	50 00		15 00	118 00
8. Kaiser Co.....	5 365 00	78 00		65 00	110 00
9. Minneapolis Roofing Co.....	5 785 00		\$100 00		
10. Sodemann Heating Co.....	6 242 00	65 00			111 00
11. Haines Co.....	7 044 00				

On motion of Dr. Noble, this contract was awarded to Harry Derrough, the lowest bidder, as recommended.

ELEVATOR CONTRACT, CHEMISTRY ANNEX

(5) A letter from Professor White:

January 11, 1930

Chemistry Annex

President David Kinley, 355 Administration (W)

DEAR PRESIDENT KINLEY:

The following is a schedule of the bids received this morning for the elevator in the Chemistry Annex:

<i>Bidders</i>	<i>Bid</i>
Warner Elevator Co., Cincinnati.....	\$5 980 00
Montgomery Elevator Co., Moline.....	6 750 00
Shepard Elevator Co., Cincinnati.....	6 950 00
Otis Elevator Co., Chicago.....	7 100 00
Westinghouse Elevator Co., Chicago.....	7 862 00

I recommend that the contract be awarded to the low bidder, the Warner Elevator Company, at their bid of \$5,980.00.

Yours truly,

JAMES M. WHITE
Supervising Architect

On motion of Mrs. Evans, this contract was awarded to the Warner Elevator Company, the lowest bidder, as recommended.

LEAVE OF ABSENCE FOR PROFESSOR FREDERICK GREEN

(6) A recommendation that Professor Frederick Green of the College of Law be given sick leave of absence beginning January 6, the period of absence to be at the discretion of the President of the University. Professor Green has undergone an operation.

On motion of Mr. Barr, this leave was granted.

LEAVE OF ABSENCE FOR PROFESSOR W. C. ROSE

(7) A recommendation that Professor W. C. Rose of the Department of Chemistry be given sick leave of absence beginning January 6, the period of absence to be at the discretion of the President of the University. Professor Rose has undergone an operation.

On motion of Mrs. Evans, this leave was granted.

THE QUARTERLY REPORT OF THE COMPTROLLER

(8) The following quarterly report of the Comptroller to the Board of Trustees as of December 31, 1929.

QUARTERLY REPORT OF THE COMPTROLLER
QUARTER ENDED DECEMBER 31, 1929
SUMMARY

Reserve and Contingent Fund

The unappropriated balance of the Reserve and Contingent Fund (estimated excess of income of the year over appropriations) at the close of the quarter was \$258,515, as per Schedule A. The balance at the corresponding date a year ago was \$128,541.

Budget Income

Realization of the budget income for the quarter, as per Schedule B, was as follows:

	Estimate For Year	Per Cent of Year's Estimate Realized	
		This Year	Same Date Last Year
State Appropriations for Operation (Per Cent realized represents portion expended to December 31, 1929).....	\$4 765 000	49.9	54.0
Federal Funds.....	468 242	53.6	51.6
Student Fees.....	860 000	52.4	51.7
Agricultural Sales			
Credited to Revolving Accounts.....	135 000	49.3	48.7
Credited to Agricultural Income.....	129 750	51.6	61.6
Miscellaneous Sales and Receipts.....	100 000	51.6	48.1

Treasurer's Balance

The cash balance in all funds held by the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$1,030,937, Schedule C. On the corresponding date a year ago, the balance was \$1,063,959.

Budget Expenditures

Board appropriations to departments for the current fiscal year total \$6,265,339, including salaries \$4,129,653, expense and equipment \$2,135,686. These were 45.0% expended at the end of the quarter, and 2.5% encumbered. (Included in Schedule D). On the corresponding date a year ago these appropriations were 45.2% expended and 2.6% encumbered.

Trust Funds

Endowment funds from private gifts for special purposes (see Schedule F) are distributed as follows:

Educational Endowments.....	\$121 186
Student Loan Endowments (Of which \$173,395 was outstanding in student notes at the end of the quarter.).....	179 045
Scholarship and Prize Endowments.....	84 556
Other Endowments.....	80 031
Total.....	<u>\$464 818</u>

Indebtedness on Property

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totalling \$49,400 on the Dental Building in Chicago, due in 1932 (Schedule H).

Residence Halls

A summary of the operations in the residence halls for the year to December 31, 1929, is shown as Appendix I. The balance from operations in the residence halls at the end of the quarter was \$166,885, and in the Davenport House \$10,741.

Stadium Fund

An Appendix is included giving the report of the Memorial Stadium Fund, of which the Board of Trustees is custodian. (See Appendix II).

H. M. EDWARDS
Acting Comptroller

SCHEDULE A
STATEMENT OF RESERVE AND CONTINGENT FUND
FOR THE QUARTER ENDED DECEMBER 31, 1929

Balance forward September 30, 1929.....		\$294 085 48	
Add:			
Lapsed 1928-29 Balances (carried forward but not used).....		<u>5 380 32</u>	\$299 465 80
Deduct:			
Appropriations made by Board of Trustees			
October 10, 1929			
Committee on Selecting a President.....	\$3	500 00	
Death Benefits.....	4	102 50	
University Press Shop Changes.....		800 00	
Physiological Chemistry Expense and Equipment (additional).....	1	000 00 ¹	
Medical Anatomy Expense and Equipment (additional).....		500 00 ¹	
November 15, 1929			
Survey of Schools of Pharmacy.....		100 00	
Electrical Engineering Laboratory Improvements (additional).....	5	000 00	
Moving Departments into New Quarters (additional).....	2	000 00	
December 4, 1929			
Inspection of Student Rooming Conditions.....		600 00	
Patents on Discoveries and Inventions (additional).....		244 20	
Agronomy College (safe).....		190 00	
Chemistry Expense and Equipment (safe).....		310 00	
Electrical Engineering Equipment Repairs.....	1	425 00	
Pictures for College of Medicine.....		200 00	
Medical Pathology and Bacteriology Expense and Equipment (additional).....	2	500 00 ¹	
December 12, 1929			
Legal Counsel Expense (additional).....		150 00	
Premium on Treasurer's Bond.....	5	000 00	
Social Facilities for Students.....		500 00	
Journalism Special Equipment (type).....		425 00	
Medical Physiology Expense and Equipment (additional).....		<u>300 00¹</u>	28 846 70
Adjustments to Salary Budget (Various Departments).....		<u>12 104 50</u>	<u>40 951 20</u>
Balance December 31, 1929 (to Schedule H).....			<u>\$258 514 60</u>

¹Expense and Equipment portions of appropriation only. Salaries portions included as Salary Budget Adjustments as appointments are made.

SCHEDULE B
REALIZATION OF INCOME FOR OPERATIONS
1929-30 TO DECEMBER 31, 1929

	Budget Estimate	Realized to Date	Unrealized Balance (See Schedule H)
<i>State Funds</i>			
From Mill Tax	\$2 750 000 00	\$1 085 983 08	\$1 664 016 92
From General Revenue	2 015 000 00	1 292 020 52	722 979 48
<i>Total, State</i>	(4 765 000 00)	(2 378 003 60)	(2 386 996 40)
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund	239 624 34	119 812 17	119 812 17
Capper-Ketcham Fund	40 167 48	20 083 74	20 083 74
Hatch-Adams Funds	30 000 00	15 000 00	15 000 00
Purnell Fund	60 000 00	30 000 00	30 000 00
From State Treasurer			
Interest on Endowment Fund	32 450 66	16 225 33	16 225 33
Morrill-Nelson Funds	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes)	16 000 00		16 000 00
<i>Total, Federal</i>	(468 242 48)	(251 121 24)	(217 121 24)
<i>Student Fees</i>	860 000 00	450 624 21	409 375 79
<i>Sales</i>			
Credited to Departments			
Agriculture	120 660 00	66 625 92	54 054 08 ¹
Other Departments		1 499 11	1 499 11 ¹ * ²
Credited to Estimated Agricultural Sales	129 750 00	66 938 66	62 811 34
Credited to General Income	100 000 00	51 626 82	48 373 18
Credited to Estimated Income from Creamery Surplus	14 320 00		14 320 00 ³
<i>Total, Sales, etc.</i>	(364 750 00)	(186 690 51)	(178 059 49)
<i>McKinley Endowment</i>	5 400 00		5 400 00
<i>Grand Total</i>	<u>\$6 463 392 48</u>	<u>\$3 266 439 56</u>	<u>\$3 196 952 92</u>

*Deduct.

¹No budget estimate set up.²Credited direct to revolving accounts, not carried as separate items on Balance Sheet.³To be transferred from Creamery Operating Account June 30, 1930.

SCHEDULE C
SUMMARY OF RECEIPTS AND DISBURSEMENTS
1929-30 TO DECEMBER 31, 1929

	Balance July 1, 1929 and Adjust- ments	Receipts and State Appropri- ations	Disburse- ments	Balance December 31, 1929
<i>Funds in Possession of University Treasurer</i>				
General Fund	\$737 847 43	\$1 090 667 72	\$ 973 283 08	\$ 855 232 07
Trust Fund	120 690 83	174 747 59	119 733 85	175 704 57
<i>Total</i>	(858 538 26)	(1 265 415 31)	(1 093 016 93)	(1 030 936 64)
<i>State Appropriations</i>				
<i>For Operation</i>				
Salaries and Wages		3 515 000 00	1 726 721 81	1 788 278 19
Office Expense		150 000 00	72 228 84	77 771 16
Travel		35 000 00	21 384 35	13 615 65
Operation		485 000 00	243 273 30	241 726 70
Repairs		160 000 00	88 918 09	71 081 91
Equipment		290 000 00	146 337 43	143 662 57
Improvements		130 000 00	79 139 78	50 860 22
<i>Total, Operation</i>		(4 765 000 00)	(2 378 003 60)	(2 386 996 40)
<i>For Buildings</i>				
1927-29				
Library Building Addition...	38 019 78		38 019 78	
Lincoln Hall Addition	270 637 12		270 637 12	
Materials Testing Laboratory	185 430 05		185 430 05	
1929-31				
Agricultural Buildings		115 000 00	20 221 37	94 778 63
Chemistry Annex		335 000 00	9 861 08	325 138 92
Medical and Dental Labor- atories		1 500 000 00	16 430 36	1 483 569 64
Power Plant Addition		250 000 00	4 614 53	245 385 47
Woman's Gymnasium		300 000 00	7 591 09	292 408 91
<i>Total, Buildings</i>	(494 086 95)	(2 500 000 00)	(552 805 38)	(2 441 281 57)
<i>For Special Purposes</i>				
Agricultural Experiment Sta- tion, Cook County				
1927-29				
	419 30		419 30	
1929-30				
	(494 506 25)	(7 275 000 00)	(2 936 663 09)	(4 832 843 16)
<i>Total, State</i>				
<i>Grand Total</i>	<u>\$1 353 044 51</u>	<u>\$8 540 415 31</u>	<u>\$4 029 680 02</u>	<u>\$5 863 779 80</u>

SCHEDULE D
SUMMARY OF APPROPRIATIONS AS AT
DECEMBER 31, 1929

	Total Credits	Disbursements	Encumbrances	Free Balance
Administration and General.....	\$ 453 853 22	\$ 199 304 34	\$ 18 573 24	\$ 235 975 64
Library.....	245 463 49	122 447 46	34 386 49	88 629 54
Agriculture				
University Appropriation.....	1 131 710 05	562 516 46	24 591 93	544 601 66
U. S. Extension.....	297 866 44	117 197 43	1 920 32	178 748 69
Liberal Arts and Sciences.....	1 183 400 07	529 733 92	8 179 80	645 486 35
Engineering.....	721 388 65	320 749 33	26 700 52	373 938 80
Graduate School.....	78 950 30	23 631 85	11 562 36	43 756 09
Medicine, Dentistry and Pharmacy.....	825 035 80	389 824 53	19 111 31	416 099 96
Journalism.....	29 044 00	12 191 82	164 46	16 687 72
Law.....	94 294 22	42 864 13	3 936 09	47 494 00
Library School.....	28 781 86	12 849 86	30 00	15 902 00
Military.....	22 620 43	4 103 53	97 80	18 419 10
Music.....	65 937 21	32 644 88	357 15	32 935 18
Education.....	188 961 73	84 070 10	469 80	104 421 83
Summer Session 1929.....	37 926 92	37 926 92		
Summer Session 1930.....	84 000 00	30 66	338 00	83 631 34
Commerce.....	225 062 10	98 681 63	2 241 61	124 138 86
Physical Welfare.....	129 344 81	61 143 06	3 234 09	64 967 66
Physical Plant Operation and Maintenance.....	682 134 00	336 795 67		345 338 33
Sub-total.....	\$6 525 775 30	\$2 988 707 58	\$155 894 97	\$3 381 172 75
Land, Buildings and Improvements				
Special State Building Appropriations.....	2 995 264 63	553 341 50	116 723 25	2 325 199 88
Other Appropriations.....	281 532 92	139 543 60	93 591 00	48 398 32
Grand Total.....	\$9 802 572 85	\$3 681 592 68	\$366 209 22	\$5 754 770 95

SCHEDULE E
STATEMENT OF THE STORES AND REVOLVING ACCOUNTS
AS AT DECEMBER 31, 1929

	Balance July 1, 1929	Disburse- ments	Credits from Department Requisitions and Sales	Balance December 31, 1929
Storerooms				
Chicago General Stores.....	\$ 3 693 52	\$ 3 763 40	\$ 4 146 37	\$ 3 310 55
General Chemical Stores.....	31 054 89	30 858 24	30 741 31	33 357 16
General Chemical Stores Overhead.....		2 468 79	283 45	
Office Supply Store.....	19 875 49	31 040 50	26 779 67	25 902 51
Office Supply Store Overhead.....		1 766 19		
Physical Plant Stores.....	49 110 25	62 072 75	63 164 29	50 215 63
Physical Plant Stores Overhead.....		3 028 18	831 26	
Postage.....	171 91	8 672 95	8 652 99	192 77
Storage Coal.....	9 211 48	44 789 47	41 131 91	12 869 04
Total, Storerooms.....	(113 117 54)	(188 460 47)	(175 730 35)	(125 847 66)
Service Departments				
Applied Chemistry Testing.....	793 85*	2 837 66	3 451 00	1 407 19*
Blueprinting.....	1 720 43*	1 374 36	1 738 68	
Photography.....	948 04*	2 999 73	3 720 65	2 607 90*
Blueprinting and Photography Over- head.....		1 145 81		
Chicago Print Shop.....	56 60*	348 93	292 33	
Chicago Job System.....	155 70*	46 343 44	45 275 07	912 67
Chicago Animal Hospital Revolving.....	19 36*	2 183 32	2 165 16	80
Physical Plant Job System.....	45 302 54	485 743 05	453 052 64	77 992 95
Physical Plant Job System Overhead.....	41 71*	4 936 24	6 489 93	1 595 40*
Labor Pay Roll.....	1 158 75*	313 009 06	312 687 10	836 79*
Organic Chemical Manufactures.....	1 034 66*	4 390 91	7 122 66	3 766 41*
Print Shop.....	2 406 58	47 101 11	42 686 46	6 821 23
Stenographic Bureau.....		2 510 20	2 982 00	471 80*
Total, Service Departments.....	(41 780 02)	(914 925 82)	(881 663 68)	(75 042 16)
Revolving Accounts				
Library Science Outlines.....	51 51		38 03	13 48
Tabulating Machine Operation.....	10 69*	105 54	80 00	14 85
Military Overcoats.....	3 390 29*	1 721 25	17 00	1 686 04*
Military Uniforms 1927-28.....	163 63*	9 37		154 26*
Military Uniforms 1928-29.....	1 780 69*	1 036 83	1 619 09	2 362 95*
Military Uniforms 1929-30.....		6 810 00	6 840 00	30 00*
Vending Machines.....	31 31	336 52	152 11	215 72
Total, Revolving Accounts.....	(5 262 48*)	(10 019 51)	(8 746 23)	(3 989 20*)
Grand Total.....	\$149 635 08	\$1 113 405 80	\$1 066 140 26	\$196 900 62

*Credit Balance.

SCHEDULE F
SUMMARY OF TRUST ENDOWMENT FUNDS
AS AT DECEMBER 31, 1929

	Total	Separate Investments and Receivables	Group Invest- ments	Cash Balances
Professorial and Lectureship Endowments.....	\$121 186 16	\$105 000 00	\$14 686 16	\$1 500 00
Student Loan Endowments.....	179 044 94	174 744 74		4 300 20
Scholarship, Fellowship and Prize Endowments...	84 556 27	27 427 17	57 129 10	
Miscellaneous Endowments.....	80 030 71	73 550 00	6 480 71	
<i>Sub-total</i>	<u>464 818 08</u>	<u>380 721 91</u>	<u>78 295 97</u>	<u>5 800 20</u>
Cash Balances Subject to Group Investment.....			-141 55	141 55
<i>Grand Total</i>	<u>\$464 818 08</u>	<u>\$380 721 91</u>	<u>\$78 154 42</u>	<u>\$5 941 75</u>

SCHEDULE G
SUMMARY OF EXPENDABLE TRUST AND SPECIAL FUNDS
AS AT DECEMBER 31, 1929

	Total Fund Balance (Cash)	Encum- brances	Free Balance
Professorial and Lectureship Endowments Income.....	\$ 4 905 82		\$ 4 905 82
Student Loan Endowments Income (subject to annuity).....	173 44		173 44
Scholarship, Fellowship and Prize Endowments Income.....	2 999 96		2 999 96
Miscellaneous Endowments Income.....	3 183 34	\$ 450 68	2 732 66
Building and Improvement Funds.....	661 30	13 14	648 16
Research Donations.....	42 437 47	4 433 75	38 003 72
Scholarship, Fellowship, and Prize Donations.....	6 619 62		6 619 62
Other Expendable Funds.....	37 257 57	15 90	37 241 67
Deposit Funds.....	71 524 30	1 399 40	70 124 90
<i>Grand Total</i>	<u>\$169 762 82</u>	<u>\$6 312 87</u>	<u>\$163 449 95</u>

SCHEDULE H
BALANCE SHEET AS AT
DECEMBER 31, 1929

<i>Assets</i>			
I. General and Building Funds			
Cash in Possession of University Treasurer (Sch. C).....	\$ 855 232 07		
Petty Cash Funds.....	30 600 00		
Balance in State Appropriation (Sch. C)			
For Operation.....	\$2 386 996 40		
For Buildings.....	2 441 281 57		
For Special Purposes.....	4 565 19	4 832 843 16	
Stores and Service Departments (Sch. E).....	196 900 62		
Loan to McKinley Hospital (Trust Fund).....	12 317 00		
Accounts Receivable.....	39 492 82		
Estimated Income from:			
Smith-Lever, Hatch-Adams, Purnell, and Capper-Ketcham U. S. Appropriations.....	184 895 91		
Interest on Endowment (Land Grant of 1862)	16 225 33		
State Board of Vocational Education (Smith- Hughes).....	16 000 00		
Fees.....	409 375 79		
Agricultural Sales.....	62 811 34		
Creamery Surplus.....	14 320 00		
Trust Endowments.....	5 400 00		
Miscellaneous.....	48 373 18	757 401 55	\$ 6 724 787 22
II. Trust Funds			
Cash (Sch. C).....	175 704 57		
Notes Receivable.....	173 394 74		
Investments			
Stocks and Bonds.....	238 931 59		
Land.....	46 550 00	285 481 59	634 580 90
III. Endowment Fund			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862.....			649 012 91
IV. Plant and Property			
Plant and property (July 1, 1929).....			23 641 385 91
<i>Total Assets</i>			<u>\$31 649 766 94</u>

Liabilities and Surplus

I. General and Building Funds			
Appropriation Balances (Sch. D)			
Encumbered.....	\$ 366 209 22		
Unencumbered.....	<u>5 754 770 95</u>	\$6 120 980 17	
Reserve for Extension			
Petty Cash Funds.....		1 200 00	
Reserve for Stores.....		122 360 64	
Reserve for Loan to Trust Fund.....		12 317 00	
Residence Hall and Hospital Balances.....		192 740 69	
Unappropriated Agricultural Income.....		16 674 12	
Unappropriated Income (Reserve and Contingent Fund) (Sch. A).....		<u>258 514 60</u>	\$6 724 787 22
II. Reserve for Trust Funds			
Due General Funds for Repayment of Loan.....			
Expendable Funds (Sch. F).....		12 317 00	
Non-Expendable Funds (Sch. G).....	464 818 08	169 762 82	
Less: Loan from General Funds (above).....	<u>12 317 00</u>	<u>452 501 08</u>	634 590 90
III. Reserve for Endowment Fund.....			
IV. Bonds and Surplus			
Dental Property Bonds.....			
Surplus Invested in Fixed Assets.....		49 400 00	
		<u>23 591 085 91</u>	23 641 385 91
<i>Total Liabilities and Surplus.....</i>			<u>\$31 649 766 94</u>

APPENDIX I
RESIDENCE HALLS
SUMMARY OF OPERATIONS
TO DECEMBER 15, 1929

	<i>Woman's Residence Halls</i>	<i>Davenport House</i>	<i>Total</i>
Summer Session Surplus.....	\$2 017 11		\$2 017 11
Winter Term Surplus:			
September 12 to October 15, 1929.....	6 413 64	\$ 758 19	7 171 83
October 15 to November 15, 1929.....	7 062 08	1 132 19	8 194 27
November 15 to December 15, 1929.....	5 471 39	851 42	6 322 81
Total Surplus from Operations			
1929-30 to December 15, 1929.....	20 964 22	2 741 80	23 706 02
Deduct:			
Extraordinary Repairs, Equipment, Remodeling and			
August 15-September 15, 1929 Expense.....	5 039 61	4 440 64	9 480 25
Unused 1929-30 Surplus from Operations.....	15 924 61	1 698 84*	14 225 77
Add:			
Balance forward June 15, 1929.....	150 960 70	12 439 77	163 400 47
Surplus as at December 15, 1929.....	<u>\$166 885 31</u>	<u>\$10 740 93</u>	<u>\$177 626 24</u>

*Deduct-Deficit.

APPENDIX II
STATEMENT OF MEMORIAL STADIUM FUND
AS AT DECEMBER 31, 1929

	<i>Receipts and Disbursements</i>		
	<i>Prior to July 1, 1929</i>	<i>July 1, 1929 to December 31, 1929</i>	<i>Total to Date</i>
Receipts			
From Subscriptions.....	\$1 672 098 35	\$3 513 35 35	\$1 675 611 70
From Donations.....	5 071 92		5 071 92
From Interest.....	27 109 06	130 93	27 239 99
From Loans.....	32 500 00	2 500 00*	30 000 00
Total Receipts.....	<u>1 736 779 33</u>	<u>1 144 28</u>	<u>1 737 923 61</u>
Disbursements			
Office Collection Expense.....		27 60 ¹	27 60 ¹
Construction.....	<u>1 735 635 78</u>		<u>1 735 635 78</u>
Total Disbursements.....	<u>\$1 735 635 78</u>	<u>\$27 60</u>	<u>\$1 735 663 38</u>
Cash Balance.....			<u>2 260 23</u>

*Deduction due to repayment of loan.

¹To be refunded by Athletic Association.

<i>Balance Sheet</i>			
<i>Assets</i>			
Cash.....		\$ 2 260 23	
Due from Pledge Installments			
Past Due Installments.....	481 289 69		
Future Installments.....	3 359 00	484 648 69	
Due from Athletic Association for Office Expense...		27 60 ¹	
<i>Total Assets</i>			\$486 936 52
<i>Liabilities and Surplus</i>			
Notes Payable.....			30 000 00
<i>Excess of Assets (including Unpaid Pledges) over Liabilities</i>			<u>\$456 936 52</u>

¹To be refunded by Athletic Association.

This report was received for record.

PLAN TO FINANCE DORMITORIES FOR MEN

On motion of Dr. Noble, the President of the Board was authorized to appoint a special committee of three members to investigate a plan suggested for financing the erection of dormitories for men, and to report to the Board.

President Armstrong appointed Dr. Noble, Mr. Fisher, and Mr. Trees to serve on this committee.

APPROPRIATION FOR PRESIDENT'S HOUSE

On motion of Mr. Barr, seconded by Dr. Noble, an appropriation of \$50,000 was made, from the Reserve and Contingent Fund, toward the building of a residence for the President of the University. The vote was as follows: Aye, President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Dr. Noble; no, none; absent, Mr. Blair, Mr. Emmerson, Mrs. Grigsby, Mr. Simpson, Mr. Trees.

RESOLUTION CONCERNING BURRILL AVENUE

On motion of Mr. Barr, the following resolution was adopted:

WHEREAS the Avenue leading from Springfield Avenue south from the Gymnasium Annex, formerly known as the Old Armory, around University Hall and in front of the Administration Building, the Woman's Building, Lincoln Hall, the new Library, the new Commerce Building, and so on south to the street known as Pennsylvania Avenue (formerly Maple Avenue) was years ago named Burrill Avenue in honor of one of the most distinguished members of the Faculty, who served through many years as Head of the Department of Botany and for a time as Acting President of the University,

AND WHEREAS of late there has grown up a practice of naming a part of this Avenue, "Broad Walk" for the reason that a portion of it has been closed to vehicle traffic,

NOW THEREFORE BE IT RESOLVED by the Board of Trustees that the Board reaffirms the decision to name this Avenue, Burrill Avenue, and requests all connected with the University and others to retain and use this name in their publications and conversations. It would be a great misfortune to have the name of this distinguished member of the Faculty, this great scientist, forgotten in connection with any part of the Avenue dedicated to his name and fame.

DATE OF FEBRUARY MEETING

It was voted to hold the February meeting at 10 o'clock a.m. on Wednesday, February 5, at the Blackstone Hotel, in Chicago.

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

February 5, 1930



The February meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9:30 a.m. on Wednesday, February 5, 1930. The following members were present: President Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of January 7, 1930, and of the adjourned session of January 11, 1930.

On motion of Dr. Noble, the Secretary was instructed to include in the minutes of January 11, on page 482, the proposed contract with the Champaign County Milk Producers Association.

On motion of Dr. Noble, the minutes were approved as corrected, as printed on pages 471 to 494 above.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

FEBRUARY DEGREES

(1) A request for authority to confer degrees on those candidates who will be recommended by the University Senate at its meeting on February 10, the list to be included in the Board Minutes.

GRADUATE SCHOOL**Degree of Master of Arts**

In Accountancy

WALTER FREDERICK FRESE, A.B., State University of Iowa, 1928

In Astronomy

SIDNEY JACOB WALCK, A.B., Baldwin-Wallace College, 1927

In Botany

RHODA BLISS CROUCH, A.B., Colorado College, 1928

PAUL MAURICE SUMMIT, A.B., DePauw University, 1925

In Chemistry

JESSE HARMON, A.B., Hanover College, 1928

SIANG CHIEH LEE, A.B., 1928

In Classics

ANNA ELEANOR DRIEBUSCH, A.B., Rockford College, 1928

HARRIETT ELIZABETH READHIMER, A.B., Louisiana State Normal College, 1926

In Education

ALBERT FRANKLIN BRAINARD, B.S., 1927

In English

MARION JANE DOWNEY, A.B., Wheaton College, 1923

In German

EMILIA IDA WALZ KUBITZ, A.B., 1916

In History

FRED CHARLES RICHMOND, A.B., 1929

EDITH MAE ROBINSON, B.Ed., Illinois State Normal University, 1927

In Library Science

SISTER MARY MARGARET AGNES KNOER, B.V.M., A.B., Mount St. Joseph College, 1927, B.S. in L.S., 1928

In Mathematics

JAMES DRAKE HUTCHINSON, A.B., 1928

MARJORIE LANG, A.B., 1929

In Political Science

ROBERT STUBBS BARNES, B.S., 1925

In Sociology

ELIZABETH BOWEN BRANDSTADT, Ph.B., University of Chicago, 1922

FAYE EMMA CORNER, A.B., 1929

In Zoology

LOUIS GEORGE WALZ, A.B., University of Rochester, 1927

Degree of Master of Science

In Agronomy

FORREST MONROE WILLHITE, B.S., University of Missouri, 1926

In Bacteriology

WILLIAM BURROWS, B.S., Purdue University, 1928

In Botany

GIDEON HERMAN BOEWE, B.E., Eastern Illinois State Teachers College, 1928

In Chemistry

ALAMJIT DHALIWAL SINGH, B.S., 1929

GEORGE EDGAR SYMONS, B.S., 1928

In Dairy Husbandry

ORLANDO FORD GARRETT, B.S., 1926

WILLIS SAUL, B.S., University of California, 1922

In Education

JACOB ROY BYERLEY, B.S., 1928

LORENZO BENEDICTO PAREDES, A.B., St. Paul College, 1914, LL.B., Philippine Law Academy, 1917

CHARLES WILSON SANFORD, B.S., 1929

In Electrical Engineering

RIICHI OKADA, B.S., University of Washington, 1928

In Farm Organization and Management

WALTER WILLIAM WILCOX, B.S., Iowa State College, 1928

In Geology

HULAH SMITH, B.S., 1927

In Library Science

CHRISTOPHER URDAHL FAYE, A.B., Luther College, 1909, A.M., University of Minnesota, 1924, B.S. in L.S., 1929

In Physics

WALTER NELSON SMITH, B.S., 1925

In Zoology

EDWIN LYNN MILLER, B.S., Iowa Wesleyan College, 1928

DANIEL IRVIN RASMUSSEN, B.S., Brigham Young University, 1928

Degree of Doctor of Philosophy

In Chemistry

MARTIN EDWIN PAUL FRIEDRICH, A.B., Augustana College, 1925, M.S., University of Louisville, 1926

STEWART CLARK HUSSEY, B.S., M.S., 1926, 1927

EDWARD PETER KING, B.S., Eureka College, 1926, M.S., 1927

OSCAR EDWARD KURT, A.B., Columbia College, 1926, M.S., 1927

BILL HARRY MACKEY, B.S., M.S., University of Denver, 1927, 1928

ROBERT WILLIAM MAXWELL, B.S., M.S., University of Nebraska, 1925, 1926

WENDELL WILLIAM MOYER, B.S., Findlay College, 1924, A.B., 1926, M.S., 1927

CHARLES WESLER SCULL, B.S., Earlham College, 1926, M.S., 1927

JOHN ALVAN SELLERS, A.B., Manchester College, 1922, A.M., 1927

EVERETT JESSE SHAW, B.S., 1926

HORACE AVERY STEARNS, B.S., Oregon Agricultural College, 1926, M.S., 1927

ERNEST GARDINER WALTERS, B.S., M.S., 1926, 1927

MORTIMER ALEXANDER YOUKER, B.S., M.S., 1926, 1927

In Classics

HENRY WILBUR KAMP, A.B., A.M., 1917, 1918

In Economics

MARCELINO BERNARDO Y VELASQUEZ, B.S.C., University of the Philippines, 1925, A.M., 1926

In English

RALPH COLBY, A.B., A.M., University of Minnesota, 1916, 1917
 CORNELIA PULSIFER KELLEY, A.B., Colby College, 1918, A.M., Radcliffe College,
 1920

In History

NEILSON CAREL DEBEVOISE, A.B., A.M., 1926, 1927
 ANCIL NEWTON PAYNE, A.B., Union College, 1925, A.M., 1927

In Physics

HUGO NATHANAEL SWENSON, A.B., Carleton College, 1925, M.S., 1927

In Mathematics

JESSE RAYMOND PURDY, B.S., A.M., Kenyon College, 1923, 1925, A.M., 1927

In Physiological Chemistry (Medicine)

ALDEN KINNEY BOOR, B.S., M.S., Stetson University, 1914, 1923, M.S., University
 of Chicago, 1923

In Zoology

ERNEST CHARLES DRIVER, A.B., Iowa State Teachers College, 1924, A.M., 1926
 SAMUEL EDDY, A.B., James Millikin University, 1924, A.M., 1925

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

MARY-LOUISE BARTHOLF	NEVA LOUISE LITTLE
MARTHA VIRGINIA BATES	STEPHEN WARREN LUSTED
BERYL KENNETH BEAN	META MAY MITCHELL, with Honors in English
CALVIN DAVID BECK	MILDRED EMMA NIEBURGER
LENORE BERNEKING	WALTER FREDERICK OELMAN
WILLIAM BEVERIDGE BORST	MARY HELEN O'NEILL
PETER FRANCIS CALDWELL	MILDRED LOUISE PATTON
JOHN EWART CLEMENS	LOUIS PLATT
EDWARD C. EBERSPACHER	CHARLES HENRY ROSS
BERNICE RUTH FERGUSON	GEORGIA MADGE SAYLOR
MARY CHARLOTTE FINLEY	FREDERICK STANLEY SHERMAN
THELMA GARVIN	VIRGINIA GRACE SMITH
LEONORA ISABELLE GILMOUR	LOUIS JOHN SOLDNER, JR.
MILDRÉ EVANGELINE GLODKOWSKIS	OLIVER LAWRENCE SUN
SARA ELIZABETH GRESS	EVERETT LINUS WELKER
RICHARD WILLIAM GRIESSER	MAXINE MYERS WOODRUFF
WILLIAM GRINTON	CHARLOTTE ELIZABETH WOODS
ROBERT ALBERT HUBATA	
MACARIO ZAMORA LANDICHO	

In Home Economics

MARGARET LOUISE LEACH, with Honors

Degree of Bachelor of Science

In Chemistry

SIDNEY BENSON KUYKENDALL, with High Honors

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

DEWITT KINSINGER

In Commerce and Law

STANLEY MARSHALL GOLDSTINE

FRANK JOSEPH GOLLINGS

In General Business

WILLIAM EUGENE FREDERICK
VON ADELHELM
MERVIN FREMONT ARENTSEN
ROBERT FRANKLIN BENNETT
WILLIAM CHARLES BIRDZELL
ROBERT WILLIAM BOLDT
JOHN DEE COX, JR.
GARLAND BICKLEY FLETCHER
JOHN HART GREEN
JEROME EDWARD HAVLIK
FRANCIS RONALD HENREKIN
ROBERT MCCLELLAN KENYON
ALLEN MAURICE KITE
FRANK JOHN KUHN
PAUL WILLIAM LANDGREN

JOHN WILLIAM LIERMAN
WALDENE FRANCIS LUKE
FREDERIC THOMAS METCALF
IRWIN HENRY MEYER
HARLEY DEAN OAKLEY
LESLIE DONALD REID
ROBERT BARTON RIORDAN
MCHENRY ROBINSON
LEROY HAROLD SHARP
PAUL ROLLAND TAYLOR
HENRY FRANKLIN THORNES
TZU TAO TSUNG
CHARLES EDEN WILLIAMS

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

MURLE ESPERANCE BLOCK
ZORA JOE BUCKLEY
CLEO WILHELMINA CURTIS
THOMAS JOSEPH DESMOND
CLIFFORD DEWEY GARRETT
LOUIS JAMES GORDON
CHARLES LORAH HAGGARD, with High
Honors in Education
MYRTLE STEHFEST HARRIS, with Honors
in English
FLORENCE ANNE HECK
BURT KAMIN
CLARENCE BURNETT LADINE

WILLIAM ISHAM LANSFORD
HELEN MARY McDONALD
JOHN MCFADZEAN
JAMES WHITNEY MAYS
HEBER TEXTER MEYERS
EMMA DOROTHY MORRISON
WILLIAM WIEDEMAN O'NEILL
HARRY BENJAMIN PEARL
LLOYD EDWARD RANDALL
LEONARD CHARLES STEVER
RALPH FREDERICK VANSTONE
DOROTHY WAGNER
ADELAIDE LOUISE WECLEW

In Industrial Education

CHARLES LEWIS KOTOVIC

ARTHUR WAYNE PATTON

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Architectural Engineering

CARL HJALMER JOHNSON

In Civil Engineering

JOHN CLARENCE ANDERSON
KENNETH RUSSEL LARSEN

JOHN STURE MONSON
VAN CRESAP NORMAN

In Ceramic Engineering

AUGUST GABRIEL REINHOLD LINDBERG, with Honors

In Electrical Engineering

JOHN CLAPP BAYLES
HAROLD GRIFFITH CREAMER

STANLEY HAROLD ROYER
SOON HEE THO

In General Engineering

THEODORE HORATIO BRAIN

EDWARD LOUIS SMITH

In Mechanical Engineering

ERIC VICTOR BERGSTROM, with Honors
WALTER IVES BUCHANAN
OLAF WILLIAM NELSON
RAYMOND VINCENT PFAUTSCH

OSCAR RAY SMITH
FRANCIS NICHOLAS SULLIVAN
CARROLL FRED LOCKWOOD

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

WILLIAM HENRY CHILDS, with Honors	JULIUS MAGREW LUTHER
EWELL EVERETT GREEN	SIDNEY KENT POPE
ILA FRANKLIN GREEN	EDWARD BURTON SCOTT
WILLIAM THOMPSON HUSBAND	GUY DONALD SMITH, with Honors
ARTHUR CARL JOHNSON	KENNETH ALEXIS STARK
ROLAND HERMAN KALTENBACH	MATHEW ANDREW VOGEL

In Floriculture

MARGARET CAROLYN FINK

In Home Economics

DOROTHY BESS BABKA

SCHOOL OF JOURNALISM

Degree of Bachelor of Science

In Journalism

MARY AIKIN

RUTH DOROTHY MARY CONKLIN

COLLEGE OF LAW

Degree of Bachelor of Laws

SAMUEL LEON COHN	JULIUS SLUTZKY
CYRIL CARL DREMAN	FOSTER ANTONIO SMITH
WILLIAM JOHN GRANATA	

LIBRARY SCHOOL

Degree of Bachelor of Science

In Library Science

WILLIAM FREDERICK OTTO BAEHR, Graduate of Concordia Theological Seminary,
1924, with Honors
VIRGINIA LILE THORNSBURGH, A.B., 1926

COLLEGE OF MEDICINE

Certificate in Medicine

NOEL E. GORDON, November 15, 1929
ERNEST QUONG KING, December 4, 1929
ALLEN LUCIEN SABIN, September 5, 1929

Degree of Bachelor of Science

ABEL CORNELIUS ANTHONY	JOHN ANDREW SCHINDLER
CLIFTON FELTS	KARL WILLIAM SCHLEGEL
THEODORE R. HUDSON	BERNARD ISAAC SKORODIN
JOSEPH SHERMAN POTICHA	MAURICE SPIEGEL
NAHUM L. ROBBIN	

COLLEGE OF DENTISTRY

Degree of Doctor of Dental Surgery

GEORGE SCAMMON BLAKE	JOSEPH JAMES KOTALIK
WILFRID A. BOURBONNAIS	

SCHOOL OF PHARMACY

Degree of Pharmaceutical Chemist

PHILIP WILENS BECKER	ARTHUR MEYER ROSENTHAL
DALE M. BIXLER	MAURICE ROBERT SACHS
BURTON BOWMAN	LOUIS SUSMAN
JOHN E. COUGHLIN	HAROLD ALFRED VICK
CLARENCE A. FREW	JOHN SIMON GEORGE VONDRASEK
WILLIAM GERBOSI	SAMUEL BELL WINER
SOL E. LEVINSON	SAM WORSHILL

On motion of Mrs. Grigsby, this authority was granted.

SUMMER SESSION STAFF FOR 1930

(2) The following recommendations of the Director of the Summer Session for appointments to the Summer Session staff for 1930. The position and salary proposed is indicated in each case. I recommend approval of these appointments and request authority to make such adjustments and additional appointments as may be necessary.

Art and Design

Edward J. Lake, *Associate Professor* \$ 666.66 \$666.66

Bacteriology

F. W. Tanner, *Professor* (Head of Department) \$ 833.33
 G. I. Wallace, *Instructor* 375.00
 _____, *Assistant* ($\frac{1}{2}$ time) 125.00 1333.33

Botany

C. F. Hottes, *Professor* \$ 900.00
 G. A. Greathouse, *Assistant* 250.00
 G. H. Boewe, *Assistant* ($\frac{1}{2}$ time) 200.00 1350.00

Chemistry

Inorganic:

B. S. Hopkins, *Professor* \$ 900.00
 L. F. Yntema, *Assistant Professor* 533.33
 Rosalie Parr, *Associate* 416.66
 J. C. Bailar, *Instructor* 416.66
 _____, *Assistant* ($\frac{1}{2}$ time) 125.00 2391.65

Analytical:

G. L. Clark, *Professor* 900.00
 G. F. Smith, *Assistant Professor* 583.33
 J. H. Reedy, *Assistant Professor* 583.33 2066.66

Organic:

C. S. Marvel, *Associate Professor* 750.00¹
 R. L. Shriner, *Assistant Professor* 516.66
 R. C. Fuson, *Assistant Professor* 550.00
 _____, *Assistant* ($\frac{1}{2}$ time) 125.00 1191.66

Physical:

W. H. Rodebush, *Professor* 900.00 900.00

Physiological:

V. du Vigneaud, *Associate* 433.33
 _____, *Assistant* ($\frac{1}{2}$ time) 125.00 558.33

(7108.30)

¹Paid by Organic Chemical Manufacturers and not included in totals.

Classics

A. T. Walker, <i>Professor</i>	\$ 900.00	
B. E. Perry, <i>Associate Professor</i>	625.00	1525.00

English

W. J. Graham, <i>Professor</i> (Head of Department)	\$ 900.00	
E. C. Baldwin, <i>Professor</i>	666.66	
W. P. Sandford, <i>Associate Professor</i>	633.33	
P. N. Landis, <i>Assistant Professor</i>	541.66	
H. F. Fletcher, <i>Assistant Professor</i>	500.00	
R. B. Weirick, <i>Assistant Professor</i>	466.66	
M. S. Goldman, <i>Instructor</i>	333.33	
S. E. Glenn, <i>Instructor</i>	333.33	
Q. G. Burris, <i>Assistant</i>	300.00	
E. V. Sandin, <i>Assistant</i>	283.33	
Mary Whiteford, <i>Assistant</i>	316.66	
L. R. Lowe, <i>Assistant</i>	283.33	5558.29

Geography

W. O. Blanchard, <i>Associate Professor</i>	\$ 666.66	666.66
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German

A. W. Aron, <i>Professor</i> (Head of Department)	\$ 900.00	
A. H. Koller, <i>Assistant Professor</i>	533.33	
Mimi I. Jehle, <i>Assistant</i> ($\frac{1}{2}$ time)	200.00	
Fritz Moore, <i>Assistant</i> ($\frac{1}{2}$ time)	200.00	
D. F. Munro, <i>Assistant</i> ($\frac{1}{2}$ time)	200.00	2033.33

History

W. S. Robertson, <i>Professor</i>	\$ 900.00	
T. C. Pease, <i>Professor</i>	900.00	
W. T. Laprade, <i>Professor</i> (Duke University)	900.00	
F. C. Dietz, <i>Associate Professor</i>	666.66	
F. S. Rodkey, <i>Associate Professor</i>	616.66	
F. S. Ronalds, <i>Associate</i>	416.66	
R. C. Werner, <i>Associate</i>	383.33	4783.31

Mathematics

J. B. Shaw, <i>Professor</i>	\$ 791.66	
A. Emch, <i>Professor</i>	708.33	
A. R. Crathorne, <i>Associate Professor</i>	666.66	
H. R. Brahana, <i>Assistant Professor</i>	550.00	
L. L. Steimley, <i>Associate</i>	416.66	
H. W. Bailey, <i>Associate</i>	400.00	
G. L. Edgett, <i>Assistant</i>	250.00	
R. E. Norris, <i>Assistant</i>	250.00	
W. G. Warnock, <i>Assistant</i>	250.00	4283.31

Philosophy

M. T. McClure, <i>Professor</i> (Head of Department)	\$ 900.00	
D. W. Gotshalk, <i>Instructor</i>	366.66	1266.66

Physiology

G. C. Wickwire, <i>Assistant</i>	\$ 383.33	383.33
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Political Science

C. A. Berdahl, <i>Associate Professor</i>	\$ 600.00	
N. D. Houghton, <i>Associate Professor</i> (University of Arizona) ..	600.00	1200.00

Psychology

J. A. McGeoch, <i>Professor</i> (University of Arkansas).....	\$ 750.00	
G. D. Higginson, <i>Assistant Professor</i>	500.00	
K. K. Loemker, <i>Assistant</i> ($\frac{7}{10}$ time).....	175.00	1425.00

Romance Languages

D. H. Carnahan, <i>Professor</i> (Head of Department).....	\$ 833.33	
W. S. Hendrix, <i>Professor</i> (Head of Department, Ohio State University).....	833.33	
P. Jacob, <i>Associate</i>	466.66	
J. Alexander, <i>Assistant</i>	283.33	
H. Sáenz, <i>Assistant</i>	316.66	
Césarine Breuillaud, <i>Assistant</i> ($\frac{1}{2}$ time).....	141.66	
L. H. Bussard, <i>Assistant</i>	250.00	
J. O. Swain, <i>Assistant</i>	266.66	3391.63

Sociology

E. T. Hiller, <i>Assistant Professor</i> (Acting Head of Department) ..	\$ 666.66	
M. H. Bickham, <i>Professor</i> (United Charities, Chicago).....	700.00	
J. W. Albig, <i>Assistant Professor</i>	500.00	
W. R. Tylor, <i>Associate</i>	458.33	
B. F. Timmons, <i>Instructor</i>	450.00	2774.99

Zoology

Waldo Shumway, <i>Professor</i>	\$ 833.33	
R. R. Kudo, <i>Assistant Professor</i>	500.00	
F. B. Adamstone, <i>Associate</i>	400.00	
—————, <i>Assistant</i>	250.00	
—————, <i>Assistant</i> ($\frac{3}{4}$ time).....	150.00	2133.33

Journalism

C. L. Allen, <i>Associate</i> ($\frac{2}{3}$ time).....	\$ 355.55	
O. C. Leiter, <i>Associate</i> ($\frac{2}{3}$ time).....	361.11	716.66

Accountancy

H. T. Scovill, <i>Professor</i> (Head of Department).....	\$ 900.00	
C. F. Schlatter, <i>Associate Professor</i>	750.00	
H. L. Newcomer, <i>Instructor</i>	333.33	1983.33

Business Organization and Operation

A. G. Anderson, <i>Associate Professor</i>	\$ 750.00	
L. E. Kline, <i>Instructor</i>	466.66	
L. W. McKelvey, <i>Instructor</i> ($\frac{1}{2}$ time).....	183.33	1399.99

Business Law

R. R. Reno, <i>Instructor</i> ($\frac{1}{2}$ time).....	\$ 166.66	166.66
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Economics

N. A. Weston, <i>Professor</i>	\$ 900.00	
F. E. Lee, <i>Professor</i> ($\frac{1}{2}$ time).....	450.00	
P. H. Brown, <i>Assistant Professor</i>	583.33	
M. J. Wasserman, <i>Assistant Professor</i>	541.66	
K. D. Luney, <i>Assistant</i>	250.00	2724.99

Transportation

D. P. Locklin, <i>Assistant Professor</i>	\$ 500.00	500.00
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(6774.97)

Theoretical and Applied Mechanics

W. L. Schwalbe, *Associate*.....\$ 433.33 433.33

Physics

E. H. Williams, *Associate Professor*.....\$ 600.00
 R. F. Paton, *Assistant Professor*..... 633.33
 W. H. Sanders, *Instructor*..... 416.66
 R. E. Nusbaum, *Assistant*..... 250.00
 P. C. Ludolph, *Assistant* ($\frac{1}{2}$ time)..... 125.00
 H. Q. Fuller, *Assistant* ($\frac{1}{2}$ time)..... 125.00
 C. D. Hause, *Assistant* ($\frac{1}{2}$ time)..... 133.33
 J. J. Gibbons, *Assistant* ($\frac{1}{2}$ time)..... 125.00 2408.32

Athletic Coaching

(Six weeks curriculum)

C. L. Lundgren, *Professor*.....\$ 675.00
 M. M. Olander, *Assistant Professor*..... 675.00
 C. M. Voyles, *Associate*..... 500.00
 H. L. Gill, *Associate*..... 675.00
 J. C. Ruby, *Associate*..... 600.00
 H. C. Paterson, *Assistant*..... 250.00
 G. T. Stafford, *Assistant Professor*..... 500.00
 D. M. Bullock, *Assistant*..... 375.00
 C. O. Jackson, *Assistant*..... 275.00
 Hartley Price, *Instructor*..... 275.00
 C. D. Werner, *Assistant*..... 337.50
 A. F. Brainard, *Instructor*..... 287.50 5425.00

Education

C. E. Chadsey, *Professor* (Dean).....\$ 900.00
 E. H. Cameron, *Professor*..... 900.00
 H. H. Foster, *Professor* (Beloit College)..... 800.00
 H. W. Nutt, *Professor* (Ohio Wesleyan University)..... 700.00
 D. E. Phillips, *Professor* (University of Denver)..... 800.00
 C. W. Odell, *Associate Professor*..... 625.00
 C. R. Griffith, *Associate Professor*..... 833.33
 Maude L. Etheredge, *Professor* ($\frac{2}{3}$ time)..... 266.66
 O. F. Weber, *Assistant Professor*..... 541.66
 E. W. Dolch, *Associate*..... 433.33
 G. W. Reagan, *Associate*..... 450.00
 L. W. Williams, *Instructor*..... 533.33
 R. B. Browne, *Instructor*..... 333.33
 W. W. Peters, *Instructor*..... 333.33
 S. M. Corey, *Instructor*..... 300.00
 B. C. Lawson, *Instructor*..... 416.66
 F. C. Hood, *Instructor*..... 500.00
 Liesette J. McHarry, *Instructor*..... 333.33 9999.96

Industrial Education

A. B. Mays, *Professor*.....\$ 791.66
 H. H. Braucher, *Associate*..... 483.33 1274.99

Music

G. F. Schwartz, *Associate Professor*.....\$ 666.66
 H. J. van den Berg, *Associate Professor* ($\frac{2}{3}$ time)..... 416.66
 C. E. Fouser, *Instructor*..... 466.66
 F. T. Johnson, *Associate*..... 450.00
 E. W. Doty, *Instructor*..... 300.00 2299.98

Law

G. W. Goble, <i>Professor</i> (part time).....	\$ 630.00	
G. B. Weisiger, <i>Professor</i> (part time).....	583.33	
M. I. Schnebly, <i>Professor</i> (part time).....	630.00	
A. J. Casner, <i>Instructor</i> (part time).....	375.00	2218.33

Library Science

_____, <i>Professor</i>	\$ 600.00	
Anna M. Boyd, <i>Assistant Professor</i>	483.33	
Anna P. Durand, <i>Instructor</i>	333.33	
Evalene K. Sullivan, <i>Instructor</i>	250.00	
_____, <i>Instructor</i>	300.00	
Katherine Brose, <i>Assistant</i>	250.00	
Edna Gustafson, <i>Assistant</i>	250.00	
_____, <i>Instructor</i>	400.00	2866.66

Physical Education for Women

Louise Freer, <i>Professor</i> (Director, $\frac{1}{2}$ time).....	\$ 333.33	
Mary F. Lawson, <i>Assistant Professor</i>	500.00	
Alice Bonar, <i>Assistant</i>	266.66	
Catherine Richter, <i>Instructor</i>	316.66	1416.65

Total..... \$77,717.98

On motion of Mr. Trees, these appointments were approved and authority was granted as requested.

SMITH-LEVER EXTENSION BUDGET, 1929-30

(3) The Smith-Lever Extension Budget for the current year was referred to me for revision (Minutes, January 7, 1930, page 472). I present for record the budget for this work as I have approved it.

SMITH-LEVER EXTENSION BUDGET

Expense and Equipment.....	\$ 41 344.34
Salaries.....	198 280.00
Total.....	\$239 624.34

SALARIES

1. H. W. Mumford, Dean, College of Agriculture (C) Director, Agricultural Experiment Station (S) Director, Agricultural Extension Service (E) Professor, Animal Husbandry (C) (Indef.).....	\$2 000
(See Agriculture Administration.....)	6 500
(Total salary.....)	8 500
2. W. H. Smith, State Leader Farm Advisers (E) Professor and Chief, Animal Husbandry Extension (E & S) (1 yr.).....	4 750
3. J. D. Bilsborrow, Assistant State Leader of Farm Advisers with the rank of Assistant Professor (E) (1 yr.).....	4 250
4. J. C. Spitler, Assistant State Leader of Farm Advisers with the rank of Assistant Professor (E) (1 yr.).....	4 250
5. _____, Assistant State Leader of Farm Advisers (1 yr.).....	2 500
6. _____, Assistant to Dean and Director (S & E) (1 yr.).....	1 500
(See Purnell.....)	1 000
(See Agriculture Administration.....)	2 000
(Total salary.....)	4 500
7. F. J. Keilholz, Extension Editor (S & E) (2 yrs. from Sept. 1, 1929)...	3 750
(See Agriculture Administration.....)	250
(Total salary.....)	4 000
8. Marion C. Summerfield, Specialist in Office Organization and Management (C & E) (1 yr.).....	1 530
(See Purnell.....)	270
(Total salary.....)	1 800

9. D. E. Lindstrom, Assistant in Rural Sociology (Department of Sociology assigned to Agricultural Extension Service and Experiment Station (E & S) (1 yr.)	1 250
(See Purnell)	1 250)
(Total salary)	2 500)
10. E. I. Pilchard, Specialist in Junior Club Work (E) (1 yr.)	3 250
11. J. Ross Baird, Assistant in Junior Club Work (E) (1 yr.)	2 200
12. Blanche Penrod, Editorial Assistant (E & S) (1 yr.)	100
(See Agriculture Administration)	1 800)
(Total salary)	1 900)
13. J. C. Hackleman, Professor and Chief, Crops Extension (E & S) (2 years from September 1, 1929)	4 800
14. F. C. Bauer, Professor, Soils Extension (E) Chief, Soil Experiment Fields (S) (Indef.)	250
(See Agronomy)	4 550)
(Total salary)	4 800)
15. C. M. Linsley, Assistant Professor, Soils Extension (E) (2 yrs. from September 1, 1929)	3 200
16. C. H. Farnham, Assistant, Soils Experiment Fields and Soils Extension (S & E) (1 yr.)	450
(See Agronomy)	950)
(Total salary)	1 400)
17. E. T. Robbins, Associate Professor, Animal Husbandry Extension (E) (1 yr.)	4 250
18. R. Graham, Professor and Chief, Animal Pathology and Hygiene (CS & E) (Indef.)	2 000
(See Animal Husbandry)	3 500)
(Total salary)	5 500)
19. H. H. Alp, Extension Specialist in Poultry Husbandry (E) (1 yr.)	2 800
20. C. S. Rhode, Professor, Dairy Husbandry Extension (E) Chief, Dairy Husbandry (S) (2 yrs. from September 1, 1929)	4 400
21. J. H. Brock, Assistant, Dairy Husbandry Extension (E) (1 yr.)	2 100
22. R. R. Hudelson, Associate Professor and Associate Chief, Farm Organization and Management (E & S) (2 yrs. from September 1, 1929)	3 150
(See Farm Management Department)	1 100
(Total salary)	4 250)
23. M. L. Mosher, Assistant Professor, Farm Organization and Management Extension (E) (½ time, 2 yrs. from September 1, 1929)	2 250
24. P. E. Johnston, Assistant Professor and Assistant Chief, Farm Organization and Management Extension (C E S) (1 yr.)	1 100
(See Farm Management)	2 100)
(Total salary)	3 200)
25. Earl G. Johnson, Extension Specialist in Farm Mechanics (E) (1 yr.)	2 500
26. R. S. Marsh, (E) Associate Professor, Horticulture Extension (E) (2 yrs. from September 1, 1929)	3 750
27. L. A. Somers, Assistant, Olericulture (C & S) Assistant, Vegetable Gardening Extension (E) (1 yr.)	1 000
(See Horticulture)	1 000)
(Total salary)	2 000)
28. ———, Extension Specialist in Landscape Architecture (1 yr.)	2 800
29. ———, Extension Specialist in Agricultural Economics with rank of Assistant Professor (E) (1 yr.)	3 400
30. Isabel Bevier, Professor and Acting Vice-Director of Home Economics Extension (E) (Indef.)	750
(See Home Economics)	3 750)
(Total salary)	4 500)
31. Kathryn Van Aken Burns (Mrs.), State Leader, Home Economics Extension (E), Assistant Professor Home Economics (C) (2 yrs. from September 1, 1929)	3 200
(See Home Economics)	400)
(Total salary)	3 600)

32. Mary L. Chase, Assistant State Leader and Associate in Home Economics Extension (E) (2 yrs. from September 1, 1929).....	3	200	
33. Katherine Patterson, Assistant State Leader Home Economics Extension (E) (1 yr.).....	2	500	
34. Grace B. Armstrong, Assistant Professor, Foods and Nutrition Extension (E) (2 yrs. from September 1, 1929).....	3	000	
35. Mary A. Souder, Associate, Home Management Extension (E) (2 yrs. from September 1, 1929).....	3	000	
36. Isabelle M. Hitchcock, Associate, Home Furnishings Extension (E) (1 yr.).....	2	200	
37. Edna R. Gray, Associate in Clothing Extension (E) (2 yrs. from September 1, 1929).....	2	900	
38. Mary A. McKee, Extension Specialist in Junior Club Work (E) (2 yrs. from September 1, 1929).....	2	900	
39. Mildred D. Patterson (Mrs.), Extension Specialist in Junior Club Work (E) (1 yr.).....	2	000	
40. Edna E. Walls, Assistant Professor, Child Care and Training Extension (C & E) (1 yr.).....	2	700	
(See Home Economics.....)		500)	
(Total salary.....)	3	200)	
41. Fannie M. Brooks, Assistant Professor, Home Economics Extension (C & E) (1 yr.).....	2	750	
(See Home Economics.....)		250)	
(Total salary.....)	3	000)	
42. Ruth Crawford Freeman (new), Extension Specialist in Home Accounts (1 yr.).....	1	100	
(See Purnell.....)		900)	
(Total salary.....)	2	000)	
43. Blanche L. Lewis, Office Assistant (1 yr.).....	2	000	
44. Alonzella Banta, File Clerk (1 yr.).....	1	140	
45. Hazel C. Little, Stenographer (1 yr.).....	1	140	
46. Anna Elizabeth Burns, Stenographer (1 yr.).....	1	020	
47. Dorine Douthit, Stenographer (1 yr.).....		960	
48. _____, Stenographer (new) (1 yr.).....	1	080	
49. Libbie M. McNeill, Stenographer and Clerk (1 yr.).....	1	320	
50. Genevieve Farris, Stenographer (1 yr.).....		960	
51. Gertrude Hazelton (Mrs.), Stenographer, (½ time, 1 yr.).....		570	
52. _____, Stenographer (½ time, 1 yr.).....		540	
53. County Home Advisers			
22 @ \$1 500 a year.....			
24 @ \$1 980 a year from Smith-Lever and State Appropriation.....	\$47	520	
Less State Appropriation ¹	25	000	
Total paid by Smith-Lever.....	22	520	
54. County Farm Advisers			
58 @ \$720 a year.....	41	760	
37 @ \$420 a year ²	15	540	57 300 ³
Or 95 counties @ \$720 a year from Smith-Lever and U. S. D. A. funds			
Total Salaries.....		\$198	280

¹The \$25,000 is a new state appropriation for the fiscal year July 1, 1929-July 1, 1930, which is paid by the State Department of Agriculture on the salaries of the home advisers following certification for salary by the Director of Extension.

²The \$11,100 Cooperative Demonstration Fund appropriated by the United States Department of Agriculture will be paid directly to the farm advisers thru the Extension Service by the United States Treasury Office as follows:

37 advisers @ \$300.....	\$11	100
An additional amount of \$200 is available to cover the cost of penalty envelopes and cards for the farm and home advisers, which are purchased by the United States Department of Agriculture and shipped to Illinois.....		200
Total United States Department of Agriculture.....	\$11	300

³To be increased in June 1930 if any balances are available due to unused salaries accruing from vacancies in the counties. (This does not mean any increase in the salaries of the farm advisers, but an increase in the amount of the advisers' salary paid from federal funds.)

This report was received for record.

CHANGE IN STATUS AND SALARY OF DR. A. J. NEDZEL

(4) A recommendation from the Dean of the College of Medicine that Dr. Alexander J. Nedzel be promoted to the rank of Associate in Bacteriology, on full time, at a salary of \$250 a month, effective February 1, 1930.

I recommend approval.

On motion of Mr. Fisher, this recommendation was approved.

APPOINTMENT OF DR. GERHARDT VON BONIN AS ASSOCIATE IN ANATOMY

(5) A recommendation from the Head of the Department of Anatomy, concurred in by the Dean of the College of Medicine, that Dr. Gerhardt von Bonin, Prosecutor in Anatomy at the University of Leyden, be appointed Associate in the Department of Anatomy at an annual salary rate of \$3,000 beginning April 15, or as soon as he is able to report for duty.

I recommend approval.

On motion of Mr. Trees, this appointment was made.

RESIGNATION OF MISS RUTH M. CALDWELL

(6) A report of the resignation of Miss Ruth M. Caldwell, Assistant to the Dean of Women, effective February 1, 1930.

This report was received for record.

LEAVE OF ABSENCE FOR PROFESSOR C. W. PARMELEE

(7) A request from Professor Cullen W. Parmelee, Head of the Department of Ceramic Engineering, for a sabbatical leave of absence under the rules for one year beginning September 1, 1930. The Assistant Dean of the College (acting in the absence of the Dean) recommends that this leave be granted and, since satisfactory arrangements have been made for carrying on his work in his absence, I concur.

On motion of Mrs. Busey, this leave was granted.

LEAVE OF ABSENCE FOR DIRECTOR HUFF

(8) A recommendation that Director George A. Huff be granted leave of absence for six weeks during the winter, with full pay.

On motion of Mrs. Evans, this leave was granted.

LEAVE OF ABSENCE FOR MISS MARIE M. HOSTETTER

(9) A recommendation from Director P. L. Windsor of the Library School that Miss Marie M. Hostetter, Associate in Library Economy, be given leave of absence from February 1, to September 1, 1930, on account of her health.

I recommend that Miss Hostetter be granted this leave, on pay during the month of February and without pay for the balance of the academic year.

On motion of Mrs. Grigsby, this leave was granted.

LEAVE OF ABSENCE FOR ASSISTANT PROFESSOR W. L. ROOSA

(10) A report from the Director of the School of Music that Assistant Professor W. L. Roosa of the Violin Department has undergone a serious operation and will be absent for three or four weeks from January 28, and a recommendation that he be given sick leave for four weeks or such time as may be necessary for his recuperation. Some of his work can be taken care of by one of his colleagues, but it will be necessary to employ some one else while Mr. Roosa is away.

I recommend that Mr. Roosa be given sick leave, the period and terms to be at the discretion of the President of the University.

On motion of Mr. Trees, this recommendation was concurred in.

APPROPRIATION FOR FELLOWSHIPS AND SCHOLARSHIPS

(11) A recommendation that \$25,000 be appropriated for graduate fellowships and scholarships in the budget for the year 1930-31.

On motion of Mr. Barr, this recommendation was approved.

APPROPRIATION FOR REPRINTS OF MONOGRAPH ON A STUDY OF SKIN REACTIONS AND BLOOD CHEMISTRY

(12) There will soon appear a monograph by our Doctors W. F. Petersen and S. A. Levinson on "A Correlative Study of Skin Reactions, Blood Chemistry, and the Physical Status of One Hundred So-called Normal Individuals." This is to be published, I understand, as a supplement to the Journal of Infectious Diseases, of which Doctor Hektoen is editor-in-chief. Deans Davis and Daniels urgently request the purchase of a certain number of reprints and ask an appropriation of \$500 for the purpose. Dean Daniels writes, "Dr. Davis has emphasized the importance of having the reprints for the purpose of giving the monograph the wide circulation that in his opinion it deserves." According to my understanding, the book will contain 330 pages, including 137 tables and 73 charts.

I concur in the recommendation and request an appropriation of \$500 for this purpose from the Reserve and Contingent Fund.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

TUITION FEE FOR GRADUATE COURSE IN ORTHODONTIA

(13) A recommendation from the Dean of the College of Dentistry, concurred in by the Acting Comptroller, that the special tuition fee of \$600 per year for the graduate course in Orthodontia, authorized by the Board on July 17, 1929 (Minutes, page 267), be made payable in three parts, the first payment to be at the beginning of the second semester, when the course begins, the second at the beginning of the summer work, and the third at the beginning of the first semester of the next academic year.

I recommend approval.

On motion of Mr. Trees, this recommendation was adopted.

AGREEMENTS WITH ILLINOIS CLAY PRODUCTS ASSOCIATION FOR INVESTIGATIONS OF CLAY SEWER PIPE

(14) A recommendation from the Assistant Dean of the College of Engineering that the agreements with the Illinois Clay Products Association for investigations of clay sewer pipe and jointing materials for clay sewer pipe, approved by the Board on December 11, 1928 (Minutes, page 94), be extended for one year beginning February 1, 1930, by agreement of both parties.

I have authorized the extension of these agreements.

This report was received for record.

AGREEMENT WITH AMERICAN CONCRETE INSTITUTE FOR INVESTIGATION OF REINFORCED CONCRETE COLUMNS

(15) On recommendation of the Acting Dean of the College of Engineering I authorized the Comptroller and Secretary to execute an agreement between the University and the American Concrete Institute for a proposed cooperative investigation of reinforced concrete columns. The agreement is drawn for a period of two years beginning with the date of its execution, with the understanding that it may be extended for additional periods under such terms as may be mutually agreed upon; and the Institute agrees to pay the University the sum of \$2,000 on execution of the agreement and to provide materials and additional funds up to the amount of \$3,000 as needed throughout the work.

This agreement varies from our standard form in two respects, viz:

1. The agreement provides that the conduct of the tests shall be under the full control of the University, as is customary in such agreements, but there is an added provision that the tests shall be "in accordance with an outline to be agreed upon between the Advisory Research Committee and the officers of the Engineering Experiment Station." Dean Jordan states that this is essential in order that the results of one phase of this investigation which is being conducted at Lehigh University may be correlated with those obtained here.

2. The agreement provides that the Institute shall have the right of publication simultaneously with the University. A similar provision was authorized by the Board at its meeting on January 7 in the contract with the Bureau of Public Roads for the investigation of concrete arches.

On motion of Mr. Barr, the execution of this agreement was approved.

CONTRACT FOR ELECTRIC WIRING OF CHEMISTRY ANNEX

(16) The following schedule of bids received by the Supervising Architect on the electric wiring for the Chemistry Annex:

BID SCHEDULE

<i>Bidders</i>	<i>Bids</i>
1. Hatfield Electric Co., Indianapolis.....	\$6 497 00
2. Sanborn Electric Co., Indianapolis.....	7 000 00
3. Harrington Electric Co., Cleveland.....	7 700 00
4. Cento, C. R., Decatur.....	7 879 00
5. Marrs-Tanner Electric Co., Danville.....	8 110 00
6. Koeneman Electric Co., St. Louis.....	8 770 00
7. Hughes-Krabbe, Champaign.....	10 475 00
8. Mound City Electric Co., St. Louis.....	10 748 00
9. Conklin, R. E., Urbana.....	10 785 00

He recommends that the contract be awarded to the Hatfield Electric Company, the low bidder, at their bid of \$6,497.

I concur.

On motion of Mr. Barr, this contract was awarded to the lowest bidder as recommended.

CONTRACT FOR SASH FOR CHEMISTRY ANNEX

(17) The following recommendation from the Supervising Architect for the award of the contract for the sash for the Chemistry Annex to the Kawneer Company of Niles, Michigan, on the basis of their quotation of \$15,000.

CHEMISTRY ANNEX

President David Kinley, 355 Administration Bldg. (W)

February 4, 1930

MY DEAR PRESIDENT KINLEY:

In taking bids on the Chemistry Annex, we did not include the sash in the general contract. We desired to obtain a rustless, fire-proof sash with rather large glass areas, and we designed the building on the basis of such sash. The usual type of metal sash with the divided panes would not harmonize with the windows in the Old Agricultural Building and would cause continual expense in the way of painting to avoid rusting.

A window which seems to meet all these requirements is manufactured by the Kawneer Company of Niles, Michigan, and is made of an aluminum alloy. As all window manufacturers make their own types of sash, it is difficult to write a specification which would bring them all on to a competitive basis. We therefore let the different firms who manufacture metal windows make their own proposals if they desired to do so, but we asked no one for figures excepting the Kawneer Company, and therefore we are not under any obligations to the other firms bidding.

The prices on steel sash vary from \$3,602 to \$11,346, with other quotations all the way between. The only rustless metal which can be obtained at a price which we could consider is an aluminum alloy. The Lupton Company bid \$20,373 on a combination projected aluminum window. The Kawneer Company's figure on an aluminum alloy window which seems to meet our requirements fully, is \$15,000. Their window combines the rustless and fireproof features, also gives the necessary facilities for washing from the inside and gives glass of sizes which will keep the Addition reasonably in scale with the Old Agricultural Building.

After carefully studying the situation, I have come to the conclusion that we ought not to consider the steel windows for this job at all, and that we ought to use either wood or aluminum. This new building is subject to an outside fire hazard because the Old Agricultural Building is non-fireproof, as is also the first unit of the Chemistry Building, therefore I feel that we are justified in making this structure a fire stop between these other two buildings.

I therefore recommend that the award of the contract for the sash on this building be made to the Kawneer Company on the basis of their bid of \$15,000.

Very truly yours,

JAMES M. WHITE

Supervising Architect

I concur in this recommendation.

On motion of Mrs. Evans, this recommendation was approved and the contract was awarded to the Kawneer Company as recommended.

CONTRACT WITH STATE BOARD FOR VOCATIONAL EDUCATION

(18) A report of the authorization of the execution by the Acting Comptroller and Secretary of a contract with the State Board for Vocational Education providing for the payment by said Board of all incidental, tuition, and laboratory fees of Miss Margaret Mankey in the College of Education for a period of one year beginning February 1, 1930. This contract is of the same form and character as those of similar contracts which have been entered into in the past.

This report was received for record.

RELEASE OF E. L. DECOSTED FROM PLYM SCHOLARSHIP CONTRACT

(19) Mr. E. L. DeCosted of the class of 1928 was awarded a Plym Foreign Scholarship in Architectural Engineering for the year 1929-30 last year (Board Minutes, May 17, 1929, page 181). He reports that conditions at home make it impossible for him to go to Europe this year and asks to be released from his contract. He has returned the funds which were advanced him on this scholarship.

On recommendation of the Assistant Dean of the College of Engineering, I authorized the release of Mr. DeCosted from his obligations and the cancellation of his contract.

On motion of Mr. Barr, this action was approved.

AWARD OF PLYM SCHOLARSHIP TO E. M. SEARCY

(20) A recommendation from the Secretary of the Committee on Plym Fellowships and Scholarships, concurred in by the Dean of the College of Engineering, that because of the resignation of Mr. E. L. DeCosted from the Sixth Plym Foreign Scholarship in Architectural Engineering, the appointment be given to Mr. E. M. Searcy of Dwight, Illinois, who was chosen alternate in the competition.

I concur.

On motion of Mr. Trees, this recommendation was adopted.

CHANGES IN OPTICAL SERVICE IN THE COLLEGE OF MEDICINE

(21) A recommendation from the Acting Comptroller that the regulations to govern optical service in the College of Medicine, as authorized by the Board on December 12, 1928 (Minutes, page 468), be amended to read as follows:

CONDITIONS AND REQUIREMENTS FOR CONTRACTING FOR OPTICAL SERVICE IN THE COLLEGE OF MEDICINE

1. A competent dispensing optician is to be sent daily by the company to a place provided and furnished by the University at a regular time designated by the University.

2. He will take all measurements, make all mechanical adjustments on frames, etc., and collect all charges from the patients. Should glasses purchased by patients require a change of lens within three months from the time of purchase, due to an error on the part of the University staff, the substitution will be gratis on the part of the optician. The number of these cases is not to exceed six per cent of the annual total.

3. Prices to be charged shall be specified by contract and shall be based on wholesale prices to which the company may add a stated uniform initial fitting charge for each pair of glasses sold. No charge is to be made for the adjustment of glasses.

4. The company shall assume all charity cases, estimated at not over twelve per cent of the total.

5. All records shall be kept in a form prescribed by the University and shall be open to inspection by the University.

6. An itemized statement in a form prescribed by the University is to be furnished monthly.

7. Prices shall be subject to adjustment quarterly if the volume of charity work is more or less than herein stated, such adjustment to be made by conference of both parties.

8. All materials furnished are to be of uniform first quality and patients shall have choice of frames as follows:

- (a) Gold-filled, one-tenth—twelve carat
- (b) Shell inner rim
- (c) All shell rim

No solid gold frames will be provided.

No steel or aluminico frames will be dispensed to any case.

A suitable spectacle case will be supplied to the patient without extra charge with each new pair of glasses.

9. Only leading wholesale houses, manufacturers, and distributors of standard quality merchandise free from defects will be invited to compete. The contract will be awarded on the basis of lowest prices, ability of the company to render the regular service and diversification of standard optical merchandise which it proposes to supply.

10. The contract will be for an indeterminate period and subject to termination by either party on sixty days' notice.

I recommend approval of these arrangements.

On motion of Dr. Noble, these regulations were approved as amended.

RECEIPT OF FUNDS FOR STUDY OF STREPTOCOCCUS

(22) A report from the Acting Comptroller that he has received the sum of \$1500 from the Certified Milk Producers Association of America to be used for the study of the Toxins of the Streptococcus Epidemicus by the College of Medicine in accordance with the agreement which was approved by the Board at its meeting on December 4, 1929 (Minutes, page 451). Payment of the remaining \$2000 of the \$3500 provided for in this agreement is promised for March, 1930.

This report was received for record.

REBATE ON ASSESSMENT FOR SCOTT SANITARY SEWER

(23) A report from the Acting Comptroller of the receipt of \$136.92 from the City of Champaign to cover partial rebates on special assessments on account of the Scott Sanitary sewer, and that an additional rebate on this assessment of \$643.81 will be paid when the city has available funds.

This report was received for record.

PHOSPHORUS TEST SOLUTION ROYALTIES

(24) A report from the Acting Comptroller of the receipt of \$10.94 from the Urbana Laboratories, Urbana, in payment of royalties due in accordance with the contract with that concern covering the manufacture and distribution of the solution known as "the field test for available phosphorus in soils," covering the period from November 21, 1929, when the payment of royalties became effective, to December 31, 1929.

This report was received for record.

PURCHASE OF TRUCK FOR DEPARTMENT OF DAIRY HUSBANDRY

(25) A report that, on recommendation of the Acting Purchasing Agent, concurred in by the Supervising Architect and the Acting Comptroller, the Department of Dairy Husbandry was authorized by me to purchase a one-ton Reo motor truck for its use in dairy manufactures work at a net price of \$1,075, out of funds provided in the Department's budget.

This purchase was made on the basis of quotations secured from local dealers handling the style of truck which is needed for this work, the Reo people having quoted the lowest figure.

On motion of Mrs. Busey, this report was received for record, and the action of the President of the University was approved.

GIFTS TO THE UNIVERSITY

(26) The following report of gifts received by the University since the last report:

1. From the Western Electric Company of Chicago a direct-current motor with a generator designed to deliver direct, pulsating, and alternating current, valued at about \$500, for use in the Department of Electrical Engineering.

2. From the Kewanee Boiler Corporation of Kewanee, a new Portable Fire Box Boiler, complete with all castings and trimmings, which has a market value of \$700, for the use of the Department of Mechanical Engineering for instructional purposes.

3. From President David Kinley, a collection of 593 bound volumes, 1210 unbound books and pamphlets, and 294 unbound numbers of magazines, dealing with subjects in the field of Economics and related studies. These books have been deposited in the Library.

This report was received for record.

ENGLISH POETRY PRIZE

(27) The University, through the Department of English, awards annually two prizes, one of \$15, and one of \$10, for the best undergraduate poems of the year. The Prize Fund amounts to \$677.50. It does not appear that this fund has ever been officially accepted. The Prize Fund was started with the profits, amounting to \$339.26, made from a dramatic entertainment by Mr. Forbes-Robertson in 1919. Since then it has been supplemented by the profits, amounting to \$326, from the sale of "Illini Poetry," a book of poems published by Professor Bruce Weirick in 1925; by profits from the exchange of securities when the fund was reinvested, amounting to \$2.11; and by a contribution of \$10.13 from the late Professor S. P. Sherman in 1923.

I recommend that this fund be accepted by the Board and that the Comptroller be authorized to carry it as one of the Trust Funds of the University.

On motion of Mr. Trees, this fund was accepted and the Comptroller was authorized to carry it as a Trust Fund.

REPORT OF AUDIT OF UNIVERSITY ACCOUNTS

(28) The following report received by the Secretary of the Board from Arthur Young & Company on their audit of the accounts of the University for the quarter ending December 31, 1929.

January 16, 1930

Board of Trustees, University of Illinois, Urbana, Illinois

DEAR SIRs:

We have audited the books of the University of Illinois for the quarter ended December 31, 1929, and submit the following brief summary of the work done and the result of the audit:

The Cash Receipts have been verified by checking all cash receipts vouchers into the cash book and examining a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and those certified to the State Auditor have been checked into the cash book, and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipt of goods or services by the University. The footings of the cash book have been proved.

On December 12, 1929, the Board of Trustees received and accepted the resignation of the University Treasurer and on the same day it elected a new Treasurer. The funds in the hands of the resigning Treasurer at December 12, 1929, amounting to \$1,136,163.95, as acknowledged in the Treasurer's statement and as reconciled with the records in the Business Office, have been duly transferred to the new Treasurer, as shown in his statement for the period, December 12 to 31, 1929.

The cash balance in the hands of the University Treasurer as at December 31, 1929, together with the securities in his custody, as shown by the books of account have been verified by actual inspection and confirmation from the depository. Cash on hand has been verified by actual count.

The Income for the quarter under audit has been verified by extensive detail checking and comparison with the files of the Registrar and of the various operating departments.

The accounts of the Chicago Departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct.

The records of the meetings of the Board of Trustees of October 10, November 15, and December 4 and 12, 1929, have been examined and all actions affecting the finances of the University, in so far as they had been consummated up to the time of our audit, have been checked into the books of account. A similar examination has been made of the minutes of previous meetings held during the current and the preceding year, with respect to items that had not been consummated at the time of previous audits.

The records of the Purchase Department have been examined, and a number of the larger purchase orders issued have been compared with relative bids and quotations.

We hereby certify, that so far as we have been able to ascertain by an extended detail examination,

All Income which the University should have received during the quarter ended December 31, 1929, has been received and duly accounted for.

All Disbursements have been made for University purposes and have been properly authorized, and the expenditures have been correctly recorded in the books of account.

The Cash and Securities as shown by the books at December 31, 1929, are correct in amount and have been verified by actual inspection, count or confirmation from the depository.

The Report of the Comptroller to the Board of Trustees for the quarter ended December 31, 1929, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The Financial Report of the Comptroller to the Governor of the State of Illinois, for the period beginning July 1, 1929, and ending December 31, 1929, is in accordance with the books, and, in our opinion, is correct.

Yours faithfully,
ARTHUR YOUNG & COMPANY

This report was received for record.

TRANSFER OF COMPTROLLER'S BOND

(29) A report from Mr. H. M. Edwards, formerly Acting Comptroller, that the bond for \$25,000 which was carried in his name from September 1, 1929, to February 1, 1930, was terminated and that Mr. Lloyd Morey's bond was renewed as of the latter date.

This report was received for record.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(30) The following report from the Acting Comptroller of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE ACTING COMPTROLLER JANUARY 4, 1930, TO JANUARY 31, 1930

Minor contract executed under general regulations:

Name	Amount to be received by the University	Date	Item
Illinois State Board for Vocational Education	Regular Fees	January 21, 1930	Regular instruction in College of Education to be rendered to Margaret Mankey for one year from February 1, 1930.

PURCHASE ORDER ISSUED IN JANUARY AMOUNTING TO \$1000 OR MORE

Vendor	Item	Amount	Department	Appropriation Made in Budget For	Procedure
Reo Motor Sales Company	Truck	\$1075 00	Dairy	Dairy Creamery College	Competitive

J. E. MILLIZEN
Acting Purchasing Agent

This report was received for record.

CONTRACT WITH GENERAL TALKING PICTURES CORPORATION

(31) The contract with the General Talking Pictures Corporation (successors to the DeForest Phonoflms, Inc.) concerning the Kunz photo-electric cell was terminated on December 30, 1929, because of the failure of said Corporation to report sales and to pay royalties as provided for in the contract. No royalties have been paid nor any reports on sales have been made since June 30.

The Comptroller, Mr. Lloyd Morey, who was in New York last month, made inquiry to determine if the Corporation has discontinued the use of the Kunz cell. He reports that the Corporation discovered some months ago that practically the same cell was being made by the G-M Laboratories of Chicago (one of the men in this organization was a student under Professor Kunz), and that the G-M Laboratories considered our patent of no consequence. Under the contract, the General Talking Pictures Corporation had the right to have the cell manufactured for it by other parties and it contracted with the G-M Laboratories for this purpose. The latter, according to information secured by Mr. Morey, sold the same cell to other parties and on such sales no royalties have been paid by any one. Consequently, the General Pictures Corporation, on advice of its Legal Counsel, suspended payment of royalties as of June 30, last.

It seems desirable to determine promptly if the activities of the G-M Laboratories constitute an infringement of our patent and that if this is found to be the case legal steps be taken to protect the rights of the University. Professor Kunz reports that the cell being manufactured by the G-M Laboratories is a duplicate of his cell except as to size. Accordingly, I recommend that the Legal Counsel be authorized and directed, with the advice of the Patent Attorneys of the University, to institute such legal proceedings as the facts may indicate to be necessary in order to protect the University under this patent.

On motion of Mr. Trees, this matter was referred to the Committee on Patents, for investigation and report at the March meeting of the Board.

ASSESSMENT FOR SEWER SYSTEM IN CHICAGO

(32) On November 15 (Minutes, page 435) the Board directed the President to file an objection to the assessment against the University's property in Chicago on account of the proposed system of sewers on the West Side, and to notify the assessors that while the University is not bound to pay such an assessment it will not stand in the way of the improvement but will voluntarily accept its share of the assessment on condition that if other assessments for this project are reduced the University's share will be correspondingly reduced. The Superintendent of Assessments was notified accordingly, through our Legal Counsel.

The Legal Counsel reports that on January 28 he had a conference with the special Assistant Corporation Counsel of Chicago in charge of the lawsuit concerning this special assessment situation at which they reached an understanding that the University will not only be given equal benefits of reductions received by others but possibly more.

This report was received for record.

OWNERSHIP OF PENNSYLVANIA OR MAPLE AVENUE

(33) A recommendation that, for the purposes of the record, the letters written by the Legal Counsel at the direction of the Board (Meeting of December 4, Minutes, page 449) to the Mayor and City Clerk of Urbana and to the owner of the Gallivan Addition to the City of Urbana concerning the ownership of Pennsylvania Avenue be printed in the minutes of the Board.

December 16, 1929

Mr. Lyle Gallivan, 608 South Prospect, Champaign, Illinois

MY DEAR MR. GALLIVAN:

At its meeting on December 4 the Board of Trustees of the University of Illinois directed me to take the necessary steps to clear certain property belonging to it of the cloud cast thereon by the plat of Gallivan's Addition to the city of Urbana certified to by Mr. M. N. Kinch, City Engineer, on September 22, 1928, and bearing your

certificate as owner under date of May 19, 1928, which plat was approved by the Council of the City of Urbana on June 18, 1928, and thereafter duly recorded in the Office of the Recorder of Champaign County.

The situation according to the survey made under the direction of the Office of the Supervising Architect of the University of Illinois is that the University is the record owner of a continuous strip of property between Florida Avenue and the north line of the Forestry; that Pennsylvania Avenue—Maple Avenue, I believe formerly—from Lincoln to Fourth Street is entirely on the one hundred sixty acres purchased by the University many years ago and in the public records referred to sometimes as the Model Farm. It appears, again from the survey made by the Office of the Supervising Architect and from the plat filed by you, that the property embraced within the Gallivan Addition extends over on this University property on Pennsylvania Avenue 3.8 feet at its East end and 1.9 feet at its West end throughout the width of the Addition which I believe is 555.2 feet.

This matter can, of course, be adjusted without difficulty, and I hope with little or no inconvenience to yourself. Under the Statutes concerning plats and the vacation of plats all that would be necessary for you to do is to prepare a written instrument to which you attach a copy of the plat and in which instrument you describe by metes and bounds this small strip which extends upon University property and declare such strip vacated. This instrument should be executed and acknowledged, approved by the City Council, and recorded, in the same manner as the instrument which you filed and recorded with your plat originally. This procedure will effectually correct the mistake.

Let me suggest that you see Professor White and go over this matter with him or somebody in his Office if you desire any further information as to the facts.

The Board of Trustees will call for a report from me as to what I have done in this connection. I am suggesting the above procedure because I think it will be most agreeable to you and to the Board. It seems to me to be wholly unnecessary to resort to any other method which would necessarily involve expense, delay, and inconvenience to all concerned.

Will you please let me hear from you at the earliest possible date?

Very truly yours,
SVEINBJORN JOHNSON
Legal Counsel

December 17, 1929

The Mayor and the City Clerk, Urbana, Illinois

GENTLEMEN:

At its meeting of December 4, 1929, the Board of Trustees of the University of Illinois directed me to call your attention to certain facts concerning the plat of Gallivan's Addition to the City of Urbana, certified to by your City Engineer, Mr. M. N. Kinch, on September 22, 1928, and bearing the certificate of the owner under date of May 19, 1928, and approved by the Council of the City of Urbana on June 18, 1928, and thereafter duly recorded in the office of the Recorder of Champaign County.

According to deeds and instruments of record in the Office of the Recorder of the City of Urbana and according to the records of the University and of the office of the Supervising Architect of the University, the Board of Trustees is the record owner of a continuous strip of property between Florida Avenue and the North line of the Forestry; it also appears that Pennsylvania Avenue, formerly Maple Avenue, I believe, from Lincoln Street to Fourth Street is entirely on the one hundred sixty acres purchased by the University of Illinois many years ago and sometimes known as the Model Farm. To be specific, the University acquired this property now described as Pennsylvania Avenue and formerly as Maple Avenue in April, 1867. The part of this one hundred and sixty acres which borders on the cemetery was bought in three parcels, but all in 1867. In all three instances the abstract describes the properties as extending to the cemetery, and, therefore including Pennsylvania Avenue, or Maple Avenue formerly, as I understand it.

I am, therefore, calling your attention to the fact that improvements have been made upon the tract which has been known as Maple Avenue or Pennsylvania Avenue and which tract has, at all times, belonged and still belongs to the University; that the plat approved by your Council as aforesaid, known as and showing the Gallivan Addition to the City of Urbana extends over and upon Pennsylvania Avenue or Maple

Avenue 3.8 feet at its East side and 1.9 feet at its West side throughout the width of the addition which is 555.2 feet, according to the plat. This much of the platted area, therefore, is upon property which does not belong to Mr. Lyle H. Gallivan, who made the plat and offered the same for approval of your Council. Will you please notice therefore, that the University claims and intends to claim in full all its rights of ownership to all of the property referred to in this letter and particularly to that strip which trespasses upon Pennsylvania Avenue, sometimes and formerly known as Maple Avenue; and that from the fact that improvements have been made upon Pennsylvania Avenue, formerly known as Maple Avenue, no inference can be drawn that the University has surrendered any of its rights, title to or interest in any or all of the property referred to in this letter?

Will your honorable City Council please take note of this letter in your Minutes so that their public records may show the same?

Will the Mayor please acknowledge receipt of this communication?

Very truly yours,
SVEINBJORN JOHNSON
Legal Counsel

On motion of Dr. Noble, these letters were received to be printed in the minutes.

OPENING OF MAIN OR WHITE STREETS THROUGH THE CAMPUS

(34) A recommendation that the following opinion of the Legal Counsel concerning the right of the City of Urbana to extend Main Street between Romine and Wright Streets across Illinois Field be printed in the minutes for record.

June 28, 1929

OPINION CONCERNING LEGAL POWER OF URBANA TO OPEN MAIN STREET ACROSS ILLINOIS FIELD

The Question

The question on which the Trustees desire an opinion relates to the legal power of the City of Urbana to open and extend Main Street over and across Illinois Field, in what is known as Seminary Addition to the City.

The Facts

This street is and for many years has been open and improved from Romine Street, the eastern boundary of the Seminary Grounds, east to Lincoln Avenue; but from Romine Street west to Wright Street, and across Seminary Grounds north of Block 52, Main Street has never been opened or improved. Indeed, that portion of the street does not ever appear to have been in actual use either as a public or as a private way. For over forty years there has been a board or an iron fence around the grounds, enclosing the portion platted as a part of Main Street and which constitutes the plot over which the street, if now extended, would pass.

If the street be extended the effect would be to transect Illinois Field, necessitate the removal of the iron fence, and possibly the maple tree which stands near the line of the proposed extension.

If there be legal power to extend Main Street as proposed, it becomes an open question whether a like power does not exist with respect to Stoughton Street on which the University has constructed valuable improvements, and has others in contemplation.

In November 1863 a plat of Seminary Addition to Urbana was filed. It was prepared by the County Surveyor at the instance of J. C. Stoughton and J. E. Babcock, the owners of the platted land. The deed is recorded in Book Y at pages 208 and 209 in the Recorder's Office in Champaign County. This was a statutory plat and if in all respects in conformity with the statutes, was an offer to the public of the streets and alleys marked thereon for use as public ways. The dedication of the designated streets when accepted by the city and duly opened for public use, could not be withdrawn or vacated by the original owners.

On this plat what is now Main Street appears as "White Street"; and what is Main Street on the plat is now University Avenue. The change of name is a fact of importance.

On January 13, 1896, the mayor of Urbana approved an ordinance in which the following section appears:

"The Street known as "White Street" the route of which is more particularly described as follows, Viz: Commencing on West side of Romine Street, thence running due east between Blocks 42 and 51 of the 'Seminary Addition' to Urbana; thence due east to east side of 'Lincoln Avenue,' shall be known as 'Main Street' in lieu of the name 'White Street.' "

From time to time the City of Urbana accepted the plat, supra, opened and improved the streets as thereon designated. There does not seem to have been formal acceptance of the plat by action of the City Council, but there has been acceptance in fact of various streets and parts of streets by opening and improving them.

Legal Propositions

Certain legal propositions must be stated as a foundation for our conclusion.

In only two ways, pertinent to the present inquiry, may land be dedicated to the public for highway purposes, namely: in the common law or the statutory mode. The dedication in question was effected by the statutory method. An examination of the abstract, handed me as a basis for this opinion, discloses that the plat is deficient in one essential particular from which it would follow, were the abstract correct, that the plat failed as a statutory dedication. I have reference to the requirement of Section 1 of Chapter 109 S.H. Statutes that reference must be made, on the plat, to some "known and permanent monument from which future surveys can be made." No such monument appears on the plat attached to the abstract. On looking up the original record in the office of the Recorder I find that there is a stone shown at the intersection of East Main and Wright Streets. I am, therefore, of the opinion that the plat complies with the statute and that there was a dedication in the statutory mode. Such a plat vests a base, determinable fee in the municipality so long, and only so long, as the land is devoted to the public use. And if such a street be vacated or abandoned, the title to the land, in the absence of valid reservations to the contrary, passes by way of conditional limitation to the owners of the lots abutting thereon. *Prall v. Bruckhart* 299 Ill. 19; Chap. 145 Smith-Hurd Statutes, Sec. 2.

In order that there may be a vesting of title in the public, as a result of the filing of such a plat, there must be an acceptance, expressly or impliedly. Acceptance is implied when the city opens the streets and improves them. But acceptance of a *part* of a street is not necessarily an acceptance of *all* the street; nor is acceptance of one street necessarily an acceptance of other streets shown on the plat. Consequently, opening and improving Main (White) Street to Romine Street, is not necessarily an acceptance of the entire street to Wright Street. *Reichert Co. v. Freeburg* 217 Ill. 384. *Moore v. City of Chicago* 261 Ill. 56. There exists no duty on the part of the public to accept every part of a proffered dedication.

It is also well settled in this state that a city may by non-user abandon a public way and that it may so conduct itself with reference to a strip of land described on a plat as a street as to estop itself from "demanding an opening of the street." The reason is that others may have so conducted themselves in reliance upon the appearances as to make it inequitable to permit the city to change its position to the detriment of one who has in good faith and justifiably acted in the belief that there would be no change. See *Reichert Co. v. Freeburg*, supra. *Dillon Mun. Corp.* sec. 533; *Chicago v. Elgin* 91 Ill. 251.

Independently of the foregoing legal principles, which seem to me controlling and decisive, the following special act of the Legislature, Vol. 2 Private Laws of Illinois, 1869, would seem to settle the matter:

"That so much of East Stoughton and East White streets as lay between Wright street and Romine street, in the seminary addition to the city of Urbana, together with the alleys running through blocks fifty-two (52) and fifty-three (53) of said addition, and the alleys running between lots twenty-seven (27) and twenty-eight (28), in James S. Busey's addition to Urbana, be and the same are hereby declared vacated; and the title to the streets and alleys so vacated, vested in the owners of the contiguous lots.

This act is hereby declared a public act, and shall be in force from and after its passage."

Conclusion

I am of the opinion that the City of Urbana has never accepted Main Street, for public use, farther west than Romine Street, and that the city has no power to extend Main Street across Illinois Field, without first obtaining the consent of the Board of

Trustees; and if there was an acceptance the Legislature by a special act vacated the street in question in 1869.

In closing I add that were I called on to defend in court, in opposition to the asserted power to open, I should contend, were the holding against me on the proposition that there has been no acceptance farther west than Romine Street, that the city has abandoned that portion of Main Street which now is a part of Illinois Field, and that the municipality should be estopped from demanding that the street be now opened, a position in the legal soundness of which I have confidence.

From what has been said it follows, also, that the University is the owner of the plot of ground over which Main Street, if opened as planned, would be extended, either under the vacation statute, or through adverse possession for about sixty years.

SVENBJORN JOHNSON

Legal Counsel

On motion of Dr. Noble, these letters were received, to be printed in the minutes.

PURCHASE OF COAL FOR POWER PLANT

(35) A recommendation from the Comptroller, Mr. Lloyd Morey, that the arrangements for the purchase of coal for the Power Plant, approved by the Board on November 15, 1929 (Minutes, page 431), be continued. These arrangements were made in the absence of Mr. Morey on recommendation of the Acting Comptroller, Mr. Edwards, with the proviso that their continuation after February 1, 1930, be subject to confirmation by Mr. Morey on his return.

On motion of Mr. Trees, this recommendation was approved.

LEASE OF PROPERTY AT 1105 WEST NEVADA (NOYES HOUSE)

(36) The Comptroller and the Supervising Architect recommend the execution of a contract with Mr. C. M. Brown of Urbana for the lease of the Noyes property for residential purposes for the second semester, or from January 27 to June 27, 1930, at a rental of \$300, payable in monthly installments of \$60 in advance.

I recommend approval.

On motion of Mrs. Evans, this recommendation was approved.

REFUND OF GIFT FROM AMERICAN MEDICAL ASSOCIATION

(37) A request from the American Medical Association that the funds donated by its Committee on Scientific Research to aid Doctor B. Z. Rappaport of the faculty of the College of Medicine in his work on Ascariasis (Minutes, March 12, 1929, page 148) be returned because Doctor Rappaport has not been able to secure the necessary assistance to carry on this work. The Dean recommends that this money be returned.

I recommend that the Comptroller be authorized to return the fund to the donors.

On motion of Dr. Noble, the return of this fund was authorized.

PAVEMENT ON WRIGHT STREET

(38) A statement concerning the proposed pavement of Wright Street in Champaign, with opinions of Attorneys General Maloney and Stead, and of Judge J. O. Cunningham on the powers of the Board relative to the dedication of land for such purposes as streets, and a request that a hearing be granted to Mayor Franks and other officials representing the City of Champaign, and that Professor White be requested to be present at the hearing.

This request was granted. Professor White came as requested. Mayor George Franks, Mr. A. M. Danely, City Engineer, and Mr. E. C. Harrington, City Attorney, were introduced.

Mayor Franks made a statement, and requested that the University assume the entire expense (\$3000) of the widening of Wright street to 52 feet between Springfield and University avenues, because the funds of the City of Champaign were not sufficient to permit the charging of this widening to "public benefit."

Attorney Harrington made a statement concerning an exchange of land between Champaign and the University which is supposed to

have taken place in the early days in order to move Wright Street farther west.

The representatives of the City of Champaign retired.

On motion of Dr. Noble, the President of the University was directed to ascertain the facts concerning this exchange of land, and, if the facts warranted such action, to make a recommendation to the Executive Committee, individually by wire or otherwise, in order to clear the title of the City of Champaign to the part of this street involved.

On motion of Mr. Trees, the Supervising Architect was authorized to confer with the authorities of the City of Champaign in an effort to reach an agreement concerning the cost of the public improvement of Wright street between Springfield and University avenues.

USE OF ALUMNI ADDRESS LIST

(39) A letter from Mr. Roseberry concerning a contract with the magazine "Time" for the addressing of envelopes to alumni:

February 4, 1930

President David Kinley, University of Illinois

DEAR PRESIDENT KINLEY:

President Pillsbury has asked me to submit for your approval the question of renewing our contract with Time Inc. calling for seven insertions in the Illinois Alumni News of page advertising at \$357.00 gross for the contract, or at the rate of \$51.00 per page. The contract provides that we are to address about 30,000 envelopes for Time to circularize our alumni twice within the yearly period of the contract, April 1st, 1930, to March 31, 1931.

Both President Pillsbury and Chairman C. A. Kiler of our advertising committee approve this contract and we hope you will give your consent. In view of the fact that the alumni directory is now off the press we all feel that we should take whatever contracts are offered on this basis, because the Time Inc. or any other firms might easily obtain a copy of the directory and do their own addressing. Many of the alumni associations have been accepting advertising on this basis for some time past, and our executive committee is of the opinion that we should accept such advertising as long as the addresses published in the directory are reasonably good.

Very sincerely yours,

C. J. ROSEBERRY

Executive Manager

On motion of Mr. Trees, this matter was referred to the Committee on Alumni for consideration and report.

On motion of Mr. Barr, it was voted that when the Board does adjourn, it adjourn to meet at the call of the President of the Board.

FINANCING OF DORMITORIES FOR MEN

Dr. Noble presented the following report:

A meeting to consider the financing of dormitories for men at the University of Illinois, was held at the Straus Building in Chicago on January 27, 1930, for which purpose a special committee of three, consisting of Dr. W. L. Noble, Mr. Walter T. Fisher, and Mr. Merle J. Trees, had been appointed by President Armstrong at the meeting of the Board of Trustees on January 7, 1930. Besides Doctor Noble and Mr. Fisher (Mr. Trees being out of the city) of this special committee, there were present at the meeting in Chicago the following persons: Judge Sveinbjorn Johnson, legal counsel for the University; Professor James M. White, Supervising Architect; Mr. H. N. Gottlieb, attorney for Straus & Co.; Mr. McConnell, who proposed the plan; Zachary Davis, architect, and others of the Straus organization.

Mr. Gottlieb said his firm would be greatly interested in advancing money for University construction, either directly or through some intermediary corporation,

as suggested by Mr. McConnell, and he outlined a plan which he thought would be legal.

The study of construction costs seemed to indicate that a room-and-board dormitory, of fireproof construction, on the basis of double rooms might be managed so as to pay the operating costs and the interest charges, but if amortization charges were to be included, the rental charges for the rooms would be prohibitively high.

Professor White gave the following figures on present rooming costs:

Fraternities—\$50 to \$60 a month for room and board
 Newman Hall—\$51 a month for room and board
 The Granada—\$55 a month for room and board
 Illini Hall—\$12.50 (average) per month for room, with two in a room
 College Hall—\$11.50 to \$15 a month per man for room only with two in a room

One-half of the men at the University are housed in fraternities and these four dormitories. Two thousand of the balance are probably unfavorably housed, but it is doubtful if half of them could afford to pay \$50 a month for room and board.

The approximate estimates made at the meeting indicated that the hundred percent financing scheme was not feasible, but further studies will be made and there may be some later developments.

W. L. NOBLE
 WALTER T. FISHER
 MERLE J. TREES

On motion of Dr. Noble, this report was received for record and the committee was discharged.

TRUST FUND INVESTMENTS

Mr. Trees, for the Finance Committee, presented as a report of the committee the following letter concerning trust fund investments.

December 17, 1929

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

I submit herewith a complete report of securities in the McKinley Endowment Fund for Economics of Public Utilities which are held in escrow by the Trevett-Mattis Banking Company. I have personally checked and inspected these securities and find that they are as reported. The Treasurer of the University has receipts for all of these securities from the Trevett-Mattis Banking Company.

These securities are held in escrow by the Trevett-Mattis Banking Company in accordance with the terms of the deed of gift which was approved by the Board of Trustees at its meeting of January 12, 1924, (page 376). The provisions covering this point are as follows:

"... the said certificates shall be forthwith deposited with the Trevett-Mattis Banking Company of Champaign, Illinois, and by said bank held in escrow as custodian thereof for the period of ten (10) years from this date, and at the end of said ten year period, the said certificates shall be by said Trevett-Mattis Banking Company delivered to the Board."

"In event any of said preferred stock shall be redeemed or retired, the Board shall reinvest all moneys realized therefrom in other good interest bearing securities. If such retirement or redemption shall occur within said ten year period the securities purchased with the moneys realized from such redemption or retirement shall be likewise deposited with the Trevett-Mattis Banking Company in escrow for the remainder of said ten year period."

"It is understood that the control of said gift and its income shall remain permanently with the Board of Trustees of the University of Illinois, or its successors (except only the physical possession of said securities while held in escrow with said Trevett-Mattis Banking Company), regardless of any legislative act concerning the deposit of any money or property of the University of Illinois either in the State Treasury or elsewhere."

The original securities under this gift consisted of one thousand shares of 7% cumulative preferred capital stock of the Illinois Power and Light Corporation. A report was made to the Board of Trustees at its meeting of May 23, 1928 (page 600) that the Illinois Power and Light Corporation had called the 7% cumulative preferred

stock and was offering in exchange \$6.00 cumulative preferred stock. Since this new stock was not a legal investment of trust funds under the statutes, the Board adopted a recommendation that the Corporation be advised that the Board did not wish to subscribe for any of the new stock. At the meeting of June 12, 1928 (page 631) the Treasurer of the University was authorized to endorse the certificates of stock. The 7% preferred stock was retired on July 2, 1928, the proceeds being \$105 000.00.

At the meeting of September 30, 1928 (page 2), a report of reinvestments of these funds was presented and approved.

A recommendation that certain securities be sold because of their not being legal investments of trust funds was made by the Finance Committee and adopted by the Board of Trustees at the meeting of January 9, 1929 (page 122). This recommendation included some of the securities which had been purchased from the McKinley Endowment. At the same meeting (page 123) a recommendation for the purchase of certain securities was adopted. A report of the purchase of these securities was made on March 12, 1929 (page 150).

In compliance with the terms of the extension of the Hart Loan as reported to the Board at the meeting of September 18, 1929 (page 364) a payment of \$500 was made on August 15, 1929, against the principal of the loan. This amount together with \$100 cash on hand made available for investment \$600 of the fund. At the same meeting (page 386) the Finance Committee recommended that \$600 be invested in Fourth Liberty Bonds. The recommendation was adopted by the Board, and the purchase made, and reported October 10, 1929 (page 404).

The report attached includes the date on which the purchase of each security was authorized by the Board of Trustees which will indicate those included in each of the actions cited above.

Very truly yours,
H. M. EDWARDS
Acting Comptroller

TRUST FUND INVESTMENTS
SECURITIES HELD IN ESCROW BY TREVETT-MATTIS BANKING-
COMPANY FOR MCKINLEY ENDOWMENT-ECONOMICS OF
PUBLIC UTILITIES

December 17, 1929

<i>Description</i>	<i>Par Value</i>	<i>Purchase Rate</i>	<i>Amortized Book Value</i>	<i>Board Authorization for Purchase</i>
Appalachian Power Company First Mortgage 5% Bonds due June 1, 1941 4 @ \$1 000, Numbers: 4449, 2390, 2392, 5289	\$4 000		\$4 055 43	March 12, 1929
Chicago Union Station Company First Mortgage Bonds 4½% due July 1, 1963 14 @ \$1 000, Numbers: M12824, 3870, 3871, 27109, 15952, 12821-23, 3826- 3828, 12820, 28206, 22043 2 @ \$500, Numbers: D691, 350	15 000	10M 2M 2M 1M	100 475 99 125 99 50 99 625	15 036 33 March 12, 1929
Detroit Edison Company First Mortgage Bonds 5% due January 1, 1933 15 @ \$1 000, Numbers: 4854, 4853, 1866, 5181, 3306-10, 4855, 1659, 1660, 2939, 3936-7	15 000	3M 1M 6M 5M	103 00 102 00 102 25 102 875	15 325 64 September 20, 1928
First Mortgage on 280 acres of land in Frank- lin County, Illinois, W. B. and Minnie E. Martin, 7% due July 7, 1932	7 500		100 00 7 500 00	September 20, 1928
First Mortgage on 339 acres of land in Frank- lin County, Illinois, M. M. Hart (Bal) 7% due June 16, 1934	14 500		100 00 14 500 00	September 20, 1928
First Mortgage on 400 acres of land in Frank- lin County, Illinois, W. B. Pope, et al., 7% due September 30, 1931	5 250		100 00 5 250 00	September 20, 1928
First Mortgage (Part) on 160 acres of land in Champaign County, Illinois, C. W. and Angie C. Richards, 5% due June 1, 1933 Total Mortgage \$8 000 Equity of Mc- Kinley Endowment \$2 508 33	2 508 33		100 00 2 508 33	September 20, 1928

Description	Par Value	Purchase Rate	Amortized Book Value	Board Authorization for Purchase
Kansas City Terminal Railroad Company, First Mortgage Bonds, 4% due January 1, 1960	20 000	9M 88 75 3M 89 00 6M 90 75 2M 91 25	17 977 00	September 20, 1928
20 @ \$1 000, Numbers: 49470-1, 10561, 26801, 27771, 36334, 25517, 44174-79 incl., 35878, 10538-9, 49232-5				
Swift and Company, First Mortgage Sinking Fund Bonds, 5% due July 1, 1944	10 500	10M 102 50 5C 101 75	10 749 98	March 12, 1929
10 @ \$1000, Numbers: M21088, 21090, 8696, 8699, 8697, 8698, 6907, 21089, 11421, 11420				
1 @ \$500, Number: D4689				
Terminal Railroad Association of St. Louis, First Mortgage Bonds, 4½% due October 1, 1939	1 000	101 00	1 010 80	September 20, 1928
1 @ \$1 000, Number: 4433				
United States of America First Liberty Bond 4½% due June 15, 1947	100	99 10	99 10	
1 @ \$100, Number: E00729375				
United States of America Fourth Liberty Loan Bonds 4½% due October 15, 1928	600	98 14½	590 63	September 18, 1929
1 @ \$500, Number: D01057014				
1 @ \$100, Number: J06187609				
West Penn Power Company First Mortgage Gold Bonds, 5% due March 1, 1963	10 000	1M 102 75 1M 103 00 4M 103 50 1M 103 75 3M 104 00	10 362 70	September 20, 1928
9 @ \$1 000, Numbers: M1466-8, 1633, 3320, 4825, 7798-9, 7800				
2 @ \$500, Numbers: D483, 537				
Savings Account, Trevett-Mattis Banking Company			12 17	

I have this day inspected the securities held in escrow by the Trevett-Mattis Banking Company and find that they are as listed above and correspond with the records of this office.

H. M. EDWARDS
Acting Comptroller

On motion of Dr. Noble, this report was received for record.

APPROPRIATION FOR AUTOMOBILE

President Armstrong called attention to the fact that, although the purchase of an automobile for the use of the President of the University and his family was authorized at the January meeting (page 480), no appropriation was made. He read a letter from Professor White stating that the amount necessary, after providing for a heater and allowing for the exchange of the old car at \$900, was \$3535.

On motion of Mr. Fisher, an appropriation of \$3535 from the Reserve and Contingent Fund was made for this purpose, by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mrs. Busey, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson, Mr. Trees.

COMMITTEE ON SELECTION OF A PRESIDENT

Mr. Barr made a detailed oral report on the work of the special Committee on the Selection of a President of the University. He stated that the Committee had invited the Alumni Association and the University Senate to appoint committees to cooperate with the Board committee, and that these organizations had appointed committees as requested. The Board Committee had had several meetings with the cooperating committees and by itself. The President of the

University had been invited to be present at the separate meetings of the Board committee. Mr. Barr stated that many letters had been received concerning persons who might be selected, that many persons had been interviewed by members of the committees, and that the Committee felt that it was making satisfactory progress.

This report was received for record.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record a list of appointments made by the President of the University.

Alphron, Richard B., Technician in the Department of Pathology and Bacteriology, in the College of Medicine, for seven months beginning February 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (January 20, 1930)¹

Badger, Alfred Earl, Research Assistant in Ceramic Engineering, in the Engineering Experiment Station, for seven months beginning February 1, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month. (January 21, 1930)

Baker, Edward B., Instructor in the Department of Physics, in the College of Engineering, for five months beginning February 1, 1930, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (January 6, 1930)

Black, Louis R., Student Assistant in the Air Corps Unit, in the Department of Military Science, for five months beginning February 1, 1930, at a cash compensation at the rate of ten dollars (\$10) a month. (January 27, 1930)

Bledsoe, William, Assistant in Economics, in the College of Commerce, for five months beginning February 1, 1930, at a cash compensation at the rate of one hundred twenty dollars (\$120) a month. (January 21, 1930)

Cogan, H. D., Assistant in Chemistry, on one-half time, for five months beginning February 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month (this superseding his previous appointment). (January 21, 1930)

Daniloff, Karl Basil, Assistant in Soil Fertility, in the Department of Agronomy, in the Agricultural Experiment Station, for seven months beginning February 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month for the months of February, March, April, and May, and one hundred twenty dollars (\$120) a month, for the months of June, July, and August (with no allowance for vacation). (January 23, 1930)

Dolk, Lester Charles, Assistant in English, for five months beginning February 1, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this superseding his previous appointment). (January 21, 1930)

Esau, Jacob Nick, Instructor in Physiology, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, on three-fourths time, for four months beginning February 1, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (January 27, 1930)

Freeman, Ruth Crawford (Mrs.), Extension Specialist in Home Accounts, in the Department of Home Economics Extension, in the College of Agriculture, for seven months beginning February 1, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month. (January 21, 1930)

Gallagher, Milton, Assistant in Chemistry, on one-half time, for five months beginning February 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 21, 1930)

Griswold, Christine, Nurse in the Dispensary, in the College of Medicine, beginning January 3, 1930, and continuing until September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (January 9, 1930)

Hallman, Blake (Mrs.), Research Assistant, in the Department of Pathology, in the College of Medicine, on four-fifths time, for seven months beginning February 1, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (January 27, 1930)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Holloway, J. H., Special Research Assistant in Chemistry, on one-half time, for five months beginning February 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 21, 1930)

Kenyon, John S., Assistant in History, on one-half time, for five months beginning February 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 27, 1930)

Klabunde, Walter, Assistant in Chemistry, on one-half time, for five months beginning February 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month (this superseding his previous appointment). (January 21, 1930)

Leichenger, Harry, Instructor on part time, in the Department of Pediatrics, in the College of Medicine, for seven months beginning February 1, 1930, without salary. (January 23, 1930)

Lockard, Earl Norton, Assistant in English, on two-thirds time, beginning February 1, 1930, and continuing until June 11, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (January 16, 1930)

McAllister, Walter Ginder, Instructor in Psychology, for five months beginning February 1, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month. (January 20, 1930)

Moeller, Herbert Fred William, Assistant in English, for five months beginning February 1, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month (this superseding his previous appointment). (January 27, 1930)

Parmacek, Louis, Instructor in Pathology and Bacteriology, in the College of Medicine, for five months beginning February 1, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month (this superseding his previous appointment). (January 31, 1930)

Petersen, John Dewey, Assistant in English, for five months beginning February 1, 1930, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month (this superseding his previous appointment). (January 27, 1930)

Rehm, John B., Assistant in Bacteriology, on one-half time, beginning February 1, 1930, and continuing until June 30, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (January 20, 1930)

Rosenthal, Sol, Assistant in the Department of Dermatology, in the College of Medicine, for seven months beginning February 1, 1930, at a cash compensation at the rate of twenty dollars (\$20) a month. (January 27, 1930)

Shannon, Margaret Eileen, Extension Specialist in Office Organization and Management, in the College of Agriculture, Agricultural Extension Service, beginning February 17, 1930, and continuing until August 31, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (January 27, 1930)

Stocking, Helen F., Dispensary Clerk, in the College of Medicine, on one-half time, for seven months beginning February 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of fifty-eight dollars thirty-three and one-third cents (\$58.33 $\frac{1}{3}$) a month. (January 27, 1930)

Strand, Gertie (Mrs.), Laboratory helper, in the Department of Pathology and Bacteriology, in the College of Medicine, for seven months beginning February 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 23, 1930)

Tarpley, Kenneth Jackson, Assistant in English, for five months beginning February 1, 1930, at a cash compensation at the rate of one hundred sixty dollars (\$160) a month (this superseding his previous appointment). (January 27, 1930)

Waddell, William Wayne, Instructor in Anatomy, in the Department of Zoology, for five months beginning February 1, 1930, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month. (January 20, 1930)

Wagner, Dorothy Ellen, Dispensary Clerk, in the College of Medicine, for seven months beginning February 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (January 27, 1930)

Williams, Hannah Esther, Assistant in History, on one-half time, for five months beginning February 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (January 27, 1930)

Wood, Susie Harriet, Assistant in History, on one-fourth time, for five months beginning February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (January 30, 1930)

Woodrow, H. W., Assistant in Chemistry, for five months beginning February 1, 1930, at a cash compensation at the rate of one hundred forty dollars (\$140) a month (this superseding his previous appointment). (January 21, 1930)

The Board adjourned, to meet at the call of the President of the Board.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

ADJOURNED SESSION, FEBRUARY 20, 1930

When the Board met at 2 p.m. on Thursday, February 20, 1930, at the University, in Urbana, pursuant to adjournment, the following members were present: President Armstrong, Mr. Barr, Mr. Blair, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President Kinley was present.

REPORT OF COMMITTEE ON PRESIDENT

Mr. Barr presented the following report.

REPORT OF THE SPECIAL COMMITTEE APPOINTED BY THE PRESIDENT OF THE BOARD OF TRUSTEES TO MAKE INVESTIGATION AND RECOMMEND A PRESIDENT OF THE UNIVERSITY OF ILLINOIS TO SUCCEED PRESIDENT DAVID KINLEY

To the President and Members of the Board of Trustees of the University of Illinois:

Your committee, heretofore appointed by the President of the Board, to carry on an investigation and to recommend a President to succeed President David Kinley, begs leave to report as follows:

Shortly after your Committee was appointed, it was deemed advisable to have the assistance of a committee representing the Faculty of the University and a committee representing the Alumni of the University, to cooperate with the Committee of the Board. Accordingly the Senate of the University elected a committee of five members of the Faculty and the Alumni Association appointed a committee of three members.

The committee elected by the Senate consisted of Professor E. H. Cameron, of the College of Education, Professor Roger Adams, of the Department of Chemistry, Dean H. W. Mumford, of the Agricultural Department, Professor Frederick Green, of the Law School, and Dean D. J. Davis, of the Medical School. Professor Cameron was named by the committee as its chairman. The Alumni Association elected a committee of three consisting of Robert F. Carr, as chairman, Charles S. Pillsbury, President of the Alumni Association, and United States Judge Fred L. Wham.

Both of these committees labored industriously in assisting the committee of the Board, attended several meetings of the three committees, called by the committee of the Board, assisted in obtaining the names of possible available men and in the investigation of those whose names came to the members of the three committees, gave fully of advice and helped in every way in the work of our committee.

Your committee corresponded directly with many of the leading educators of this country, with the Presidents of most of the State Universities and other leading Universities of the country; and with other persons having the knowledge of University leaders, which would probably enable them to make suggestions that might be valuable. Some of the members of the Faculty Committee visited other Universities in connection with this investigation as did also the chairman of the Alumni Committee and the chairman and some of the members of the committee of the Board.

Your committee carefully considered many men, including several members of our own Faculty. Conferences were held with most of these men and several of them visited the campus of the University.

In due course of time it became apparent to the members of all three committees that President Harry Woodburn Chase of the University of North Carolina would make a satisfactory President. Dr. Chase was highly recommended by educational

leaders from all parts of this country and those who have watched his work closely were unanimous in their commendation of his ability and his capacity to fill the position of President of the University of Illinois.

President and Mrs. Chase recently visited the University, upon the invitation of your committee, and spent two days on the campus. They were entertained while at the University by President and Mrs. Kinley.

At a meeting recently held, attended by the Faculty Committee, Alumni Committee, Committee of the Board of Trustees and several members of the Board of Trustees who are not members of its Special Committee, it was the unanimous opinion of all of those present, that President Chase should be offered the presidency of the University of Illinois.

Your committee therefore recommends that Dr. Harry Woodburn Chase, now President of the University of North Carolina, be elected President of the University of Illinois to take office before the beginning of the next school year, the exact time to be determined by the Board after conference with President Kinley and Dr. Chase.

Your committee wishes to express its thanks to President Kinley for his very helpful cooperation and suggestions in connection with the best method of solving the important problem that we have had before us, and his disinterested willingness to furnish us with all information available concerning the various men from time to time under consideration.

We were greatly helped by the two committees above referred to, and by other members of the faculty. In fact we have had the earnest cooperation of not only the people connected with our own University but also of the Presidents and leading men in many other Universities of the country.

We further recommend that the salary of Dr. Chase as President be fixed at \$20,000.00 per year.

Respectfully submitted,

GEORGE A. BARR
J. W. ARMSTRONG
MERLE J. TREES
MARY E. BUSEY

Members of the Committee

On motion of Mr. Barr, this report was adopted.

DR. HARRY WOODBURN CHASE ELECTED PRESIDENT

On motion of Mr. Barr, Dr. Harry Woodburn Chase was unanimously elected President of the University of Illinois, to serve on indefinite tenure, at the pleasure of the Board, at a salary of \$20,000 a year (in addition to the use of the President's house and automobile), the term of service to begin before the opening of the next academic year, the exact time to be determined by the special committee of the Board in conference with President Kinley and Dr. Chase.

On motion of Mr. Barr, the Secretary was directed to send a telegram to Dr. Chase notifying him of his election, to ask for a reply, and to print the reply in the minutes. The telegram was sent, and the following reply was received by the Secretary:

H. E. Cunningham, Secretary, Board of Trustees, University of Illinois:

Please say to the Board of Trustees of University of Illinois that with full appreciation of the honor and in full confidence of the great opportunity at the University of Illinois I accept the election to its presidency.

H. W. CHASE

VOTE OF THANKS TO COMMITTEES

On motion of Mrs. Evans, the Secretary was instructed to transmit to the committees of the Board, the Alumni, and the faculty which cooperated in the selection of a President of the University, an

expression of the thanks of the Board, and of its appreciation of the successful completion of their difficult task.

On motion of Mrs. Evans, the Board committee on the selection of a President of the University was continued, to take up such matters as may naturally come before this committee.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

ARCHITECT'S SERVICES, WOMAN'S GYMNASIUM

(1) A recommendation from the Supervising Architect, in which I concur, that a bill from Mr. Charles A. Platt for architectural services on the Woman's Gymnasium, amounting to \$2023.96 (making a total to date of \$7060.28), be paid from the state appropriation for the building, according to the contract with Mr. Platt.

This bill was approved for payment.

PAVEMENT OF WRIGHT STREET

(2) At the session of this meeting of the Board held February 5, 1930, in the presentation of a request for the pavement of Wright Street, made by city officials of Champaign, a statement was made by Attorney Earl C. Harrington of Champaign concerning an exchange of land between Champaign and the University in 1867 for the rectification of Wright Street at that time, the records of which exchange seem to be incomplete.

The Board directed the President of the University to investigate the facts concerning this exchange of land and, if the facts warranted, to make a recommendation to the Executive Committee in order to clear the title of the City of Champaign to the part of the street involved for street purposes. At my suggestion the request of the officials of the City of Champaign was put in a more formal way through a letter which the Mayor kindly wrote as follows:

February 13, 1930

To the Board of Trustees of the University of Illinois

GENTLEMEN:

A petition has been filed with the Board of Local Improvements of the city of Champaign, for the improvement and paving of South Wright Street from University Avenue to Armory Avenue. In pursuance of that petition, a public hearing was held before the Board of Local Improvements some days ago.

The City Attorney of Champaign, upon examination and investigation of the public records concerning said street, finds that sometime in the year 1867 the location of Wright Street was changed and apparently moved to the west about sixty-six (66) feet. He further finds that the west sixty-six feet of the present street from University Avenue to Springfield Avenue, is comprised of certain lots which apparently were purchased by the University of Illinois and opened for street purposes when the street was relocated at that time.

The records further show that a plat of Wright Street as relocated in 1867, is filed in the office of the Recorder of Champaign County, Illinois, in Book A at page 156, and certified to by J. M. Healey, the city engineer of Champaign at that time. That plat contains a notation that the lots above referred to, were bought by Illinois Industrial University and given by them for street purposes in exchange for a corresponding area of Wright Street as originally platted, and said plat shows the relocation and widening of Wright Street to its present width and in its present location.

It is further found that so far as the records show, said street has been used uninterruptedly in its present condition from 1867 down to the present time.

The City Attorney however, is unable to find any public record of formal action taken by the Board of Trustees of Illinois Industrial, or the University of Illinois, with reference to the relocation of Wright Street as above mentioned or the use of said ground for street purposes.

We would therefore respectfully request that the Board of Trustees take some appropriate action to clarify the condition of the public records with reference to the relocation of said street and if proper to confirm the action of the Board of Trustees of

Illinois Industrial University which apparently was taken at that time but of which no formal record is kept.

Respectfully submitted,

GEORGE B. FRANKS
Mayor of the City of Champaign

In accordance with this request and the instructions of the Board I requested the Legal Counsel of the University, Judge Sveinbjorn Johnson, and the Supervising Architect, Professor James M. White, to look into this matter and to report their findings to me. These officers investigated the matter thoroughly and made a report to me advising that the records of the University and the City on this matter, although incomplete, showed to their satisfaction that such exchange of lots was made in 1867 in fact; that Wright Street was shifted some sixty-six (66) feet more or less from its old location by the University Board of Trustees apparently with the informal consent of the City; that the transaction in effect consisted of locating Wright Street through a certain portion of its length on lots owned by the University, the University receiving in return an equivalent amount of land which had been the right-of-way of the street before the change.

Our Legal Counsel prepared, therefore, a resolution which, in his opinion, should be adopted by the Board in order to clear the record of this transaction, and I concur in his recommendation that this resolution be adopted.

At the previous session of this meeting as above recited, you instructed me to submit this matter to the Executive Committee. The Chairman of the Executive Committee has informed me that inasmuch as the matter has come to a head at a time when the Board was to be in session, the Committee would prefer to have the matter submitted directly to the Board. In compliance with his request I am doing so.

This resolution recommended is as follows:

RESOLUTION CONCERNING ACTION OF BOARD OF TRUSTEES OF ILLINOIS INDUSTRIAL UNIVERSITY TAKEN IN 1867 CONFIRMING THE RELOCATION OF WRIGHT STREET FROM SPRINGFIELD AVENUE TO UNIVERSITY AVENUE

WHEREAS, the records of the University of Illinois show that in the year 1867, in furtherance of a program of campus enlargement, a tier of lots to the west of the Institute grounds (now a part of Illinois Field) was purchased by the Illinois Industrial University, and Wright Street was then moved about sixty-six feet west of its location previous to that time, and located upon lots then acquired by the University of Illinois; and

WHEREAS, such lots referred to in said records are described as follows:

Lots 105, 106, 139, 140, 173, 174, 207, and 208, of the Subdivision of the South Part of Lot One (1) of the Southwest Quarter (SW $\frac{1}{4}$) of Section Eighteen (18), Township Nineteen (19) North, Range Nine (9) East of the Third (3d) Principal Meridian, in Champaign County, Illinois;

and

WHEREAS, the records of the University of Illinois show the actual consideration paid for said lots by the University, and the records in the Office of the Recorder of Champaign County, in Urbana, Illinois, show the recording of deeds to all of said lots, transferring the title to the Trustees of Illinois Industrial University; and

WHEREAS, a plat of Wright Street as it was relocated in 1867 is on file in the Office of said Recorder in Book A, page 156, and certified to by J. M. Healey, the City Engineer, of Champaign, Illinois; and

WHEREAS, the said plat shows that said lots above described by a strip sixty-six feet wide were bought by the Illinois Industrial University and given by them for street purposes in exchange for a corresponding area of Wright Street as originally platted and said plat shows the relocating and widening of said street to its present width of eighty feet;

and

WHEREAS, during all of said period since the occurrence above narrated, and up to the present moment neither the Board of Trustees of the University of Illinois nor any agent or representative of the University of Illinois has questioned the use of Wright Street by the public for street and highway purposes; and

WHEREAS, the Mayor of the City of Champaign has made a request in writing to the Board of Trustees of the University of Illinois that appropriate action be taken to "clarify the public record with reference to the relocation of Wright Street and . . . to confirm the action of the Board of Trustees of the Illinois Industrial University apparently taken" when Wright Street was relocated as hereinbefore set forth; and

WHEREAS, it is the desire of the Board of Trustees of the University of Illinois to confirm of record the action taken, and herein above described, by the Board of Trustees of Illinois Industrial University whereby the city authorities of Champaign relocated Wright Street, as above described; and

WHEREAS, it has always been the policy of the Board of Trustees to cooperate with public officers in making public improvements within the limits of its legal power and the discharge of its duty in protecting the welfare of the University, and it will adhere to this policy in the present instance;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of the University of Illinois, acting by authority of law and authorized thereunto, that the action of the Trustees of Illinois Industrial University taken in the year 1867 as above described, with reference to Wright Street whereby that street was relocated as herein described and has been thus used ever since, be and the same is hereby approved and confirmed; and

BE IT FURTHER RESOLVED that the public generally and the people of the cities of Champaign and Urbana, Illinois, continue to have the right to use said street over and across the above described premises for street purposes.

SVEINBJORN JOHNSON
Legal Counsel

J. W. ARMSTRONG
*President of the Board of
Trustees of the University
of Illinois*

D. KINLEY
President

H. E. CUNNINGHAM
*Secretary of the Board of
Trustees of the University
of Illinois*

On motion of Mr. Trees, this resolution was adopted,¹ by the following vote: Aye, President Armstrong, Mr. Barr, Mr. Blair, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mrs. Busey, Mr. Emmerson, Mr. Simpson.

CONVEYANCE OF LAND IN COLLEGE PLACE TO THE CITY OF CHAMPAIGN FOR STREET PURPOSES

(3) On April 12, 1928, the Board made an exchange of land in College Place with the City of Champaign for a new location of Gregory Street, the new street being located on land conveyed to the City by the University, and in return the City vacated the old street. On looking up the matter I found that the transaction had been completed but the fact had not been reported to the Board as such matters should be, in my opinion. Accordingly, I instructed the Comptroller to look up the matter. He reports that the deed conveying the land was executed by the President and Secretary of the Board on May 24, 1928, and filed for record in Champaign County on July 10, 1928.

This report was received for record.

GIFT OF MR. ROBERT F. CARR FOR RESEARCH WORK ON ALLERGY

(4) A report that Mr. Robert F. Carr has given the University the sum of \$900 for research work on allergy (asthma, hay fever, etc.) in the College of Medicine.

This report was received for record.

CONTRACT FOR FINISH HARDWARE FOR CHEMISTRY ANNEX

(5) The following schedule of bids received by the Supervising Architect for the finish hardware for the Chemistry Annex:

¹A copy of this resolution, duly executed, was sent, on request of Mr. Harrington, to the office of Mr. Louis A. Busch (of Busch and Harrington, Attorneys), the City Attorney of Champaign, on February 22, 1930.

BIDS ON HARDWARE FOR CHEMISTRY ANNEX

January 11, 1930

Holder Hardware Company, Bloomington, Ill.....	\$1 600 00
Carl J. Werner, Danville, Ill.....	1 940 00
Sargent & Company, Chicago.....	1 975 00
Thos. Conron Hardware Company, Danville, Ill.....	2 310 00

He recommends that the contract be awarded to the lowest bidder, the Holder Hardware Company of Bloomington, Illinois, on the basis of their bid of \$1,600.00 concur.

On motion of Dr. Noble, this contract was awarded to the Holder Hardware Company, the lowest bidder, as recommended.

STATUS OF CAPPER-KETCHAM FUNDS

(6) The following report from the Comptroller on the estimated income from Federal funds under the Capper-Ketcham act:

February 8, 1930

President David Kinley, 355 Administration Building

DEAR PRESIDENT KINLEY:

In the budget for the current year, the estimated income from United States under the Capper-Ketcham act was entered as \$40,167.48. (Page 273, minutes of July 17, 1929). This sum was appropriated for extension work in Agriculture as per pages 307 and 320 of the same minutes.

On June 30, 1929, a balance of \$12,571.51 remained unexpended of the Capper-Ketcham fund for the preceding year. This balance was reappropriated for this work on July 17 (page 271). In view of the fact that this balance remained unexpended on June 30, the federal government has deducted this amount from the amount which would be available for the fiscal year 1929-1930 under the provision of the act establishing the fund. The total amount which will be paid to us by the federal government for the current fiscal year will, therefore, be \$40,167.48 less \$12,571.51 or a net total of \$27,595.97. This amount added to the balance carried forward last year will provide the total necessary to meet the budget of this work for the current year. This makes the gross amount available for the current year \$40,167.48 including, rather than in addition to, the unexpended balance carried forward from last year and reappropriated.

Cordially yours,
LLOYD MOREY
Comptroller

This report was received for record.

MR. HUFF'S LEAVE OF ABSENCE WITHDRAWN

(7) A statement that Mr. George A. Huff, who was granted leave of absence on February 5, did not care to avail himself of the privilege this year.

On motion of Mr. Trees, the action granting leave of absence to Mr. Huff was, at Mr. Huff's request, reconsidered and rescinded.

At this point, Mr. Blair withdrew.

PROPOSED AGREEMENT FOR LICENSE, BUSWELL PROCESS

President Armstrong, for the Committee on Patents, presented a proposed form of agreement for the promotion of the Buswell process of cellulose digestion.

This matter was discussed, but no action was taken.

NEWSPAPER REPRESENTATIVES AT BOARD MEETINGS

A request from Mr. D. W. Stevick, publisher of the Champaign News-Gazette, that the press of the state be admitted to all meetings of the Board.

On motion of Mr. Trees, this request was received and placed on file.

ANNUAL MEETING

On motion of Mr. Trees, it was voted that the annual meeting be held at 9:30 a.m. on Tuesday, March 11, 1930, at the Blackstone Hotel, in Chicago.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record a list of appointments made by the President of the University.

Amtman, Leo E., Instructor on one-fourth time, in the Department of Pathology and Bacteriology, in the College of Medicine, for four months beginning February 1, 1930, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 6, 1930)¹

Block, Lylyan Hilda, Assistant in Geology, on one-fourth time, beginning February 1, 1930, and continuing until the end of the semester, at a cash compensation of one hundred seventy-five dollars (\$175). (February 10, 1930)

Blomquist, A. T., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 13, 1930)

Boikan, William, Instructor on one-fourth time, in the Department of Pathology and Bacteriology, in the College of Medicine, for four months beginning February 1, 1930, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 6, 1930)

Bradley, C. W., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 13, 1930)

Bray, Willis (Dr.), Instructor, seven hours per week, in the Department of Prosthetic, in the College of Dentistry, for seven months beginning February 1, 1930, without salary. (February 10, 1930)

Chott, Irene Maria, Dispensary Clerk, in the College of Medicine, for seven months beginning February 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (February 6, 1930)

Conner, H. A., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 13, 1930)

Crosley, Ray, Special Research Assistant in the Department of Physiological Chemistry, in the College of Medicine, beginning February 3, 1930, and continuing until August 15, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 18, 1930)

Dahlenburg, Lyle M., Junior Accountant in the Business Office, on five-sevenths time for four months beginning February 1, 1930, and on full time for three months beginning June 1, 1930, at a cash compensation at the rate of one hundred seven dollars and fifteen cents (\$107.15) a month for the months of February, March, April, and May, 1930, and one hundred fifty dollars (\$150) a month for the months of June, July, and August, 1930 (this superseding his previous appointment). (February 8, 1930)

Dalrymple, Ruth Elizabeth, Stenographer and Clerk, in the University High School, College of Education, beginning February 3, 1930, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 6, 1930)

Dolley, John S., Assistant in Zoology, on one-fourth time, for five months beginning February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 13, 1930)

Douglass, James T., Bookkeeper in the Business Office, on five-sevenths time for four months beginning February 1, 1930, and on full time for three months beginning June 1, 1930, at a cash compensation at the rate of sixty-four dollars and thirty cents (\$64.30) a month for the months of February, March, April, and May, 1930, and ninety dollars (\$90) a month for the months of June, July, and August, 1930 (this superseding his previous appointment). (February 8, 1930)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Elliott, Floyd Elmer, Assistant in Poultry Husbandry, in the Department of Animal Husbandry, Agricultural Experiment Station, for seven months beginning February 1, 1930, at a cash compensation at the rate of two hundred sixteen dollars and sixty-six cents (\$216.66) a month. (February 10, 1930)

Fahlstrom, Florence Ann, Nurse in Pediatrics, in the College of Medicine, beginning February 15, 1930, and continuing until June 10, 1930, at a cash compensation at the rate of one hundred fifty dollars (\$150) a month. (February 10, 1930)

Fritz, Erna, Secretary, in the Department of Physical Welfare and Athletic Coaching, for six months beginning March 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month. (February 6, 1930)

Grimm, Thelma Ford, Assistant in the Department of Zoology, on one-half time, for five months beginning February 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month (this superseding her previous appointment). (February 7, 1930)

Hale, J. B., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 13, 1930)

Heitman, John Russell, Assistant in the School of Journalism, beginning February 1, 1930, and continuing until June 30, 1930, at a cash compensation at the rate of one hundred eighty dollars (\$180) a month. (February 10, 1930)

Houghton, Arthur V., Assistant in Sociology, on one-half time, beginning February 5, 1930, and continuing until June 30, 1930, at a cash compensation of three hundred dollars (\$300). (February 10, 1930)

James, William Arthur, Assistant in Animal Husbandry, in the Agricultural Experiment Station, for seven months beginning February 1, 1930, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month (this superseding his previous appointment). (February 10, 1930)

Kubitz, Oskar, Assistant in Philosophy, on one-fourth time, for five months beginning February 1, 1930, at a cash compensation at the rate of thirty-five dollars (\$35) a month. (February 10, 1930)

Loring, H. S., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 13, 1930)

Mitchell, Lane, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, College of Engineering, beginning February 5, 1930, and continuing until February 1, 1931, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (February 7, 1930)

Mitchell, Robert Buchanan, Instructor in Landscape Architecture, in the Department of Horticulture, College of Agriculture, beginning February 1, 1930, or as soon as he reports for duty, and continuing until June 1, 1930, at a cash compensation at the rate of two hundred dollars (\$200) a month. (February 6, 1930)

Mosgrove, Louise, Secretary, in the Department of Horticulture, College of Agriculture, for seven months beginning February 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred thirty-three dollars and thirty-three cents (\$133.33) a month (this superseding her previous appointment). (February 6, 1930)

Noll, Martha Virginia, Stenographer, in the Department of Farm Mechanics, College of Agriculture, for seven months beginning February 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred and ten dollars (\$110) a month. (February 6, 1930)

Norman, Paul M., Student Assistant in the Air Corps Unit, in the Department of Military Science, beginning at the opening of the second semester, and continuing until July 1, 1930, at a cash compensation at the rate of ten dollars (\$10) a month. (February 13, 1930)

Pilot, Isadore, Special Research Associate Professor of Milk Toxins, in the Department of Pathology and Bacteriology, in the College of Medicine, on one-fourth time (temporary), for seven months beginning February 1, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this in addition to his present one-half time appointment). (February 10, 1930)

Sanford, Charles Wilson, Assistant, on one-half time, in the College of Education, beginning February 6, 1930, and continuing until June 6, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 6, 1930)

Schweers, Marvin Frederick, Instructor in the Department of Farm Mechanics, in the College of Agriculture, beginning February 17, 1930, and continuing until July 1, 1930, at a cash compensation at the rate of one hundred ninety dollars (\$190) a month. (February 13, 1930)

Seaton, Ralph M., Technician, on one-half time, in the Department of Physiology and Physiological Chemistry, in the College of Medicine, for four months beginning February 1, 1930, at a cash compensation at the rate of fifty dollars (\$50) a month. (February 6, 1930)

Smith, Hiram Jason, Instructor, in the Department of Ophthalmology, in the College of Medicine, beginning February 15, 1930, and continuing until August 31, 1930, without salary. (February 14, 1930)

Trenchard, Mary, Assistant to the Dean of Women, for seven months beginning February 1, 1930, at a cash compensation at the rate of one hundred twenty-five dollars (\$125) a month (this superseding her previous appointment). (February 6, 1930)

Van Eman, Edith K., Associate in Library Economy, beginning February 1, 1930, and continuing until June 15, 1930, at a cash compensation at the rate of two hundred seventy-five dollars (\$275) a month. (February 6, 1930)

Walker, Freda F., Chief Clerk, in the Department of Administration, College of Commerce, for seven months beginning February 1, 1930, at a cash compensation at the rate of one hundred forty-one dollars and sixty-six cents (\$141.66) a month. (February 10, 1930)

Walz, Louis G., Assistant in Zoology, on one-half time, for five months beginning February 1, 1930, at a cash compensation at the rate of seventy dollars (\$70) a month. (February 13, 1930)

Werner, C. O., Assistant in Chemistry, on one-fourth time, for five months beginning February 1, 1930, at a cash compensation at the rate of thirty dollars (\$30) a month. (February 13, 1930)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

J. W. ARMSTRONG
President

MEETING OF THE BOARD OF TRUSTEES
OF THE
UNIVERSITY OF ILLINOIS

March 11, 1930



The annual meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Tuesday, March 11, 1930.

The following members were present: President Armstrong, Mr. Barr, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of February 5, 1930, and of the adjourned session of February 20, 1930.

On motion of Mrs. Grigsby, the minutes were approved as printed on pages 495 to 534 above.

DR. CHASE'S ACCEPTANCE OF THE PRESIDENCY

The Secretary presented a letter from Dr. Harry Woodburn Chase, accepting the Presidency of the University.

On motion of Mr. Trees, the Secretary's notice and Dr. Chase's acceptance were made a matter of record.

February 20, 1930

Dr. Harry Woodburn Chase, University of North Carolina, Chapel Hill, North Carolina

MY DEAR DR. CHASE:

The Board of Trustees of the University of Illinois has elected you President of the University of Illinois, to serve on an indefinite tenure, at the pleasure of the Board, at a salary of \$20,000 a year. Your term of service is to begin before the opening of the next academic year, the exact date to be fixed in conference with yourself, President Kinley, and the Committee of the Board.

Please send me your formal acceptance for my files.

Sincerely yours,

H. E. CUNNINGHAM
Secretary

February 24, 1930

Mr. H. E. Cunningham, Secretary Board of Trustees, University of Illinois

MY DEAR MR. CUNNINGHAM:

I have received your letter of February 20th in which you state that the Board of Trustees of the University of Illinois has elected me to the Presidency of the University of Illinois. It gives me pleasure in this formal way to confirm my acceptance of this election already sent you by telegram.

I am looking forward with a great deal of pleasure to my relations with the Board of Trustees and with the members of the faculty and students of the University of Illinois.

Cordially yours,

H. W. CHASE

TELEGRAM FROM GOVERNOR GARDNER

President Armstrong presented the following telegram received from Governor O. Max Gardner of North Carolina.

RALEIGH, NORTH CAROLINA
March 7, 1930

Chairman of Trustees, University of Illinois, Urbana, Illinois

The Board of Trustees of the University of North Carolina in session extends congratulations to the University of Illinois in the election of Dr. Harry Woodburn Chase to its Presidency but regrets the great loss sustained by the University of North Carolina.

O. MAX GARDNER

Governor, President, Ex Officio

ELECTION OF OFFICERS

On motion of Mr. Armstrong, Mr. Trees was elected to act as chairman of the meeting for the election of the President of the Board.

MR. GEORGE A. BARR ELECTED PRESIDENT OF THE BOARD

Mr. Armstrong nominated Mr. George A. Barr for the office of President of the Board of Trustees for one year.

On motion of Dr. Noble, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board

for Mr. Barr as President. The ballot was cast, and Mr. Barr was declared elected.

Mr. Barr took the chair and thanked the Board for the honor conferred on him.

MR. HARRISON E. CUNNINGHAM ELECTED SECRETARY

On motion of Dr. Noble, Mr. Harrison E. Cunningham was elected Secretary of the Board of Trustees for one year.

PROFESSOR LLOYD MOREY ELECTED COMPTROLLER

On motion of Mrs. Evans, Professor Lloyd Morey was elected Comptroller for one year.

EXECUTIVE COMMITTEE ELECTED

Mrs. Grigsby nominated Mrs. Evans, and Dr. Noble nominated Mr. Armstrong, to serve on the Executive Committee for one year, with the President of the Board as Chairman of the Committee.

On motion of Dr. Noble, the nominations were closed and the Secretary was instructed to cast the unanimous ballot of the Board for Mr. Armstrong and Mrs. Evans as members of the Executive Committee. The ballot was cast, and Mr. Armstrong and Mrs. Evans were declared elected members of the Executive Committee.

AUTHORITY TO RECEIVE MONEY

On motion of Mr. Armstrong, the following resolution was adopted.

RESOLVED, that the Treasurer of the Board of Trustees of the University of Illinois be and he is hereby authorized to receive and receipt for all moneys, and to endorse all orders, drafts, and checks due and payable to the University of Illinois, and especially all drafts drawn by the Treasurer of the United States payable to the Board of Trustees or to the University of Illinois.

AUTHORITY TO DELEGATE SIGNATURES

On motion of Mr. Trees, the following resolution was adopted.

RESOLVED, that the President and the Secretary of the Board of Trustees be and they are hereby authorized to delegate the signing of their names as President and Secretary, respectively, to vouchers to be presented to the State Auditor, and to warrants drawn on the Treasurer of the University, under the following conditions:

The President of the Board of Trustees is authorized to delegate to the Auditor and to the Chief Accountant in the Business Office authority to sign his name, as President of the Board of Trustees, to vouchers against the State Auditor, and to warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

The Secretary of the Board of Trustees is authorized to delegate to the Bursar and to the Assistant Bursar in the Business Office authority to sign his name, as Secretary of the Board of Trustees, to vouchers against the State Auditor, and to warrants on the University Treasurer, covering vouchers approved in accordance with the regulations of the Board.

The President and the Secretary of the Board of Trustees are authorized to delegate to the Comptroller authority to sign the name of the President or of the Secretary of the Board of Trustees to vouchers against the State Auditor, and to warrants on the University Treasurer in case of emergency; provided that under no circumstances shall the Comptroller sign the names of both the President and the Secretary to the same warrant or voucher.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

PETITION FOR SUNDAY SPORTS

(1) A sealed letter addressed to the Board, and a letter to the President of the University:

March 7, 1930

DEAR MEMBERS OF THE BOARD OF TRUSTEES:

The members of the Interfraternity Council, which is composed of the house presidents of 76 fraternities and a junior representative from each of the 76 houses unanimously voted to ask your permission for Sunday recreation at the University.

This representative student body feels that if the University's golf course and tennis courts, were opened from one o'clock until evening that it would not interfere with any church services or meetings. Investigations have shown that but very seldom any church function is carried on during the afternoon on Sundays. An investigation also showed that the students of the University are at want for some activity on Sunday afternoon, as now their only form of recreation is the movies.

The Interfraternity Council by asking the Board of Trustees for such permission is in no way trying to violate the spirit of Sunday. They are at the present time working with a committee of ministers to have in each semester a fraternity Sunday which all fraternities will attend in a body, the purpose being to increase the interest of students, which is now lacking in the spiritual side of their life.

Since the action of the Interfraternity Council many other organizations have shown a great deal of interest favoring Sunday afternoon recreation. The *Daily Illini* on their editorial page has written four articles strongly in favor of the petition. Skull and Crescent, a sophomore organization of men, has unanimously favored the plan and various outstanding women have spoken in favor of the idea.

Therefore, the Interfraternity Council with such an inclusive consensus of opinion is asking the Board of Trustees to please carefully consider Sunday afternoon recreation which they feel would increase the physical and moral character of all students.

Respectfully yours,

E. C. HOELSCHER, JR.

(for)

THE INTERFRATERNITY COUNCIL

March 10, 1930

President David Kinley, Blackstone Hotel, Chicago, Illinois

MY DEAR PRESIDENT KINLEY:

According to my promise I am sending this letter to you with the vote taken in the First Council of Woman's League, Monday, March 10th, concerning the matter of using the University athletic grounds on Sundays. The vote was unanimous in favor of the students being permitted to use the athletic grounds on Sundays within restricted hours.

The Woman's League wishes to thank you for your interest in this as well as many other affairs of student interest this year.

Very respectfully yours,

ALBERDINE HATCHER

On motion of Mr. Trees, this matter was referred to the President of the University and the Council of Administration for investigation and report.

President Barr was called from the room and on his request Mr. Armstrong acted as Chairman for a short time during the discussion of the above matter.

DR. LEE HARRISON METTLER MADE PROFESSOR EMERITUS

(2) A recommendation from Dean D. J. Davis, in which I concur, that Dr. Lee Harrison Mettler of Chicago, a former member of the faculty of the College of Medicine, be appointed Professor of Neurology, *Emeritus*.

On motion of Dr. Noble, this recommendation was adopted.

DR. WILLIAM E. GAMBLE MADE PROFESSOR EMERITUS

(3) A recommendation from Dean D. J. Davis, in which I concur, that Dr. William Elliott Gamble of Chicago, and formerly a member of the faculty of the College of Medicine, be appointed Professor of Ophthalmology, *Emeritus*.

On motion of Dr. Noble, this recommendation was adopted.

LEAVE OF ABSENCE FOR PROFESSOR HARDY CROSS

(4) A request from Professor Hardy Cross of the Department of Civil Engineering, concurred in by the head of the Department and the Dean, that he be given sabbatical leave of absence on half pay under the rules for the academic year 1930-31, for the purpose of study and travel abroad.

I recommend approval.

On motion of Mr. Trees, this leave was granted.

LEAVE OF ABSENCE FOR PROFESSOR FRANK L. STEVENS

(5) A request from Professor F. L. Stevens of the Department of Botany, concurred in by the head of the Department and the Dean, that he be given leave of absence without pay from September 1, 1930, to September 1, 1931, in order that he may serve as Professor of Plant Pathology at the University of the Philippines and for the purpose of study and travel in Australia and the South Sea Islands.

I recommend approval.

On motion of Mrs. Evans, this leave was granted.

PHYSICIANS' EXTENSION COURSE IN ROENTGENOLOGY

(6) A request from the Dean of the College of Medicine for authority to offer a Physicians' Extension Course in Roentgenology, a clinical post-graduate course designed for those desiring to take up Roentgenology as a specialty; and that the fee for this course be \$100 a semester. The course will extend over two semesters of four months each.

I recommend approval.

On motion of Mr. Trees, this recommendation was adopted.

APPROPRIATION FOR RESEARCH WORK IN CHEMISTRY

(7) Professor W. C. Rose requests an appropriation of \$2500 for two years to carry on an important piece of research in the field of amino acids. This request is approved by Professor Roger Adams and Dean Daniels of the Graduate School and also has the approval of Dean Babcock, whom I have consulted on the matter. It seems to me important and I recommend that an appropriation of \$2500 be made from the Reserve and Contingent Fund for the use of Professor Rose in this research, the amount to be spread over two years. It will be supplemented by a grant of \$1500 from the National Research Council.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, Mr. Armstrong, President Barr, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mrs. Busey, Mr. Emmerson, Mr. Simpson.

APPROPRIATION FOR ARCHAEOLOGICAL EXPLORATIONS

(8) A recommendation that an appropriation of \$3,000 be made from the Reserve and Contingent Fund for archaeological explorations during 1930.

On motion of Mrs. Grigsby, this appropriation was made by the following vote: Aye, Mr. Armstrong, President Barr, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mrs. Busey, Mr. Emmerson, Mr. Simpson.

APPROPRIATION FOR ALUMNI DIRECTORY

(9) A recommendation that \$1200, or so much thereof as may be necessary, be appropriated from the Reserve and Contingent Fund for the Alumni Directory to clear

up some outstanding accounts against it, and to provide for postage and the expense of mailing out future orders.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Armstrong, President Barr, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mrs. Busey, Mr. Emmerson, Mr. Simpson.

**COOPERATIVE INVESTIGATION OF NICHOLSON THERMIC
SYPHON BY ENGINEERING EXPERIMENT STATION**

(10) On recommendation of the Dean of the College of Engineering, I have authorized the execution of an agreement with the Illinois Central Railroad and the Locomotive Firebox Company of Chicago for a cooperative investigation of the Performance of a Steam Locomotive Equipped with a Nicholson Thermic Syphon, by the Engineering Experiment Station. The agreement is to cover a period of one year beginning March 1, 1930, with the understanding that it may be extended. The cooperating companies agree to pay the University \$7,000 to cover the expenses of the investigation.

The agreement is of the form and character of similar agreements hitherto approved by the Board. I request confirmation of my action.

On motion of Mr. Armstrong, the action of the President of the University in authorizing this agreement was confirmed.

**COOPERATIVE INVESTIGATION OF SOLUBILITY STUDIES OF
BOILER WATER BY ENGINEERING EXPERIMENT STATION**

(11) On recommendation of the Dean of the College of Engineering, I authorized the execution of an agreement with the Utilities Research Commission for a cooperative investigation of Solubility Studies of Boiler Water by the Engineering Experiment Station. The agreement is to cover a period of one year beginning March 1, 1930, with the understanding that it may be extended. The Utilities Research Commission agrees to pay the University \$10,000 per year to cover the expenses of the investigation.

The agreement is of the form and character of similar agreements hitherto approved by the Board. I request confirmation of my action.

On motion of Mr. Fisher, the action of the President of the University in authorizing this cooperative agreement was confirmed.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS AND RENEWAL OF GIFTS FOR RESEARCH WORK

(12) A report that, on recommendation of the Dean of the College of Engineering, I have authorized the extension of the following agreements for cooperative investigations. The original agreement in each case was approved by the Board and the extensions are necessary in order to continue or to finish the research work concerned.

1. Investigation of Cast Iron Pipe (the Talbot Tests), for one year from November 1, 1929. (The original agreement covered the period November 1, 1927, to November 1, 1929.)

2. Fissures in Steel Rails, for one year from January 1, 1930. (The original agreement covered the period April 2 to December 31, 1928; renewed for one year to December 31, 1929.)

3. Corrosion of Flue Gases, for one year from January 1, 1930. (The original agreement covered the period April 23, 1928, to December 31, 1929.)

4. Water Treatment for Ice Making, for one year from January 1, 1930. (The original agreement covered the period May 23, 1928, to December 31, 1929.)

5. Elimination of Stretching of Lead Sheaths, for one year from January 1, 1930. (The original agreement covered the period October 12, 1928, to October 1, 1929.)

Agreements for the following investigations were extended last year for one year from June 15, 1929:

Boiler Feed Water Treatment
Ageing of Porcelain
Car Axle Failures

Impact in Steel Structures
 Testing High Voltage Cables
 Enamel Baked in Gas Furnaces

In addition to the above, payments have been received during the past year from the following in continuation of gifts previously accepted by the Board. These were originally outright gifts for specific purposes and no agreements were executed covering them:

1. Chemical Foundation for sanitary research, \$1,000 for the year 1929-30.
2. Calumet Baking Powder Company for fellowship and research, \$1,000 for the year 1929-30.

This report was received for record.

DIRECTORS OF THE ATHLETIC ASSOCIATION

(13) A recommendation that the following be appointed Directors of the Athletic Association of the University to serve until March, 1931, or until their successors shall have been elected:

Director GEORGE HUFF, *Champaign*
 Judge O. A. HARKER, *Champaign*
 Professor F. A. RUSSELL, *Urbana*
 Mr. J. P. KRATZ, *Monticello*
 Mr. W. E. C. CLIFFORD, *Champaign*

On motion of Mr. Trees, these appointments were made as recommended.

**CORRECTION OF ERROR IN RESOLUTION CONCERNING
 WRIGHT STREET**

(14) A report from the Legal Counsel that the resolution concerning Wright Street, adopted by the Board at the adjourned session of the February meeting held February 20, 1930, contains a misdescription due to a typographical error which occurred in the office of the City Attorney of Champaign. It appears that in the legal description of the section of the land involved the figure 18 instead of the figure 7 is used. The City Attorney, through his representative, Mr. E. C. Harrington, requests that this matter be brought to your attention and a resolution adopted correcting the error and authorizing the City of Champaign to record the corrected resolution.

The Legal Counsel recommends, and I concur, that the following resolution be adopted.

On motion of Mrs. Grigsby, the following resolution¹ was adopted.

AMENDMENT OF RESOLUTION CONCERNING WRIGHT STREET

WHEREAS, at the adjourned session of the Board of Trustees on February 20, 1930, a resolution was adopted approving and confirming the action of the Trustees of Illinois Industrial University taken in the year 1867 with reference to the relocation of Wright Street as in such resolution described; and

WHEREAS, it appears that through a typographical error the description of the property involved is given as in section 18 instead of in section 7:

NOW, THEREFORE, BE IT RESOLVED that the resolution adopted as aforesaid by the Board on February 20, 1930, be and the same is amended by striking from the second paragraph thereof, the third line of description, the word eighteen and the figure 18 in parenthesis and inserting in lieu thereof the word seven with the figure 7 in parenthesis.

BE IT FURTHER RESOLVED that the City of Champaign be authorized at its election to refile and rerecord the aforesaid resolution as thus amended and corrected.

EMBARRASS RIVER DRAINAGE DISTRICT

(15) The Supervising Architect reports that a petition is in circulation for the formation of a drainage district which will improve the stream known as the Embarrass River from its source west of the Stadium to a point west of Tolono about a mile south of the Wabash Railroad, and that through him the University was requested to join

¹A copy of this resolution was sent to the City Attorney of Champaign on March 15, 1930.

in this project since the district would cross the Percival Farm recently purchased by the University.

After careful study the Supervising Architect, the Dean of the College of Agriculture, and myself are agreed that action on this request should be deferred, at any rate until it is clear that a majority of the land owners are favorable to the project.

It was voted, on motion of Mr. Armstrong, that no action be taken on this matter at present.

**AGREEMENT WITH ILLINOIS BELL TELEPHONE COMPANY
FOR USE OF CABLES**

(16) The University has an agreement with the Illinois Bell Telephone Company whereby it rents to the Company ninety-three pairs of underground cable conductors owned by the University and located on the campus. The number of conductors rented has been decreased to ninety-two and the Comptroller submits a new contract revised accordingly.

I recommend that the Comptroller and the Secretary be authorized to execute this contract for the University.

On motion of Mr. Fisher, this recommendation was adopted.

INSURANCE ON CHEMISTRY BUILDING ANNEX

(17) The contracts for the Chemistry Building Annex provide that fire and tornado insurance shall be carried by the University during the period of construction. Following our practice, established when the University itself began to carry insurance on buildings under construction, the Comptroller advertised for and received the following quotations on this insurance:

<i>Agency</i>	<i>Company</i>
(1) Quotation of \$.38 per \$100 per year	
Hayes-Atkinson Agency	Fidelity-Phoenix Fire Ins. Co.
Burt-Rovelstad Company	Fidelity-Phoenix Fire Ins. Co.
(2) Quotation of \$3.888 per \$1000 per year	
Boggs and Cogdal	Hartford Fire Ins. Co.
	Phoenix Co. of Hartford
(3) Quotation of \$.432 per \$100 per year	
Hargis and Hensley	London and Scottish Assurance Corporation, Ltd., London
	Michigan Fire and Marine, Detroit
D. G. Swannell	Liverpool and London Globe, Eng.
	Northern Assurance Co., Eng.
	Palatine Ins. Co. of Eng.
	Lincoln Fire Ins. Co. of N. Y.
	Victory Ins. Co. of Philadelphia
	Alliance Ins. Co. of Philadelphia
Monier and Morrissey	Great American Ins. Co., N. Y.
	U. S. Fire Ins. Co. of N. Y.
Beers and Beers	Springfield Fire and Marine
	St. Paul Fire and Marine
	National Security Fire Ins. Co.
	N. Y. Underwriters Ins. Co., N. Y.
	Firemans Fund Fire Ins. Co., Calif.
Gardner Agency	Westchester Fire Ins. Co., N. Y.
Ralph M. Campbell	Southern Fire Ins. of N. Y.
W. R. Hidy	Hartford Fire Ins. Co.
	Home Ins. Co., N. Y.
	Ins. Co. of N. America of Philadelphia
	Aetna Ins. Co. of Hartford
J. Ray Stanner	Standard Fire Ins. Co. of Hartford
Burton and Trelease	American Ins. Co. of Newark
	County Fire Ins. Co. of Philadelphia
	Sun Ins. Office of London
Harry E. Wilcox	Firemen's Ins. Co., Newark
	Standard Fire Ins. Co., Trenton
A. H. McLean	Ins. Co. of North America of Philadelphia
Mark D. Brown	First Am. Fire Ins. Co. of N. Y.

The Supervising Architect and the Comptroller recommend that fire and tornado insurance (full automatic coverage) on this building be placed with the Fidelity-Phoenix Fire Insurance Company through the Hayes-Atkinson Agency and the Burt-Rovelstad Company, the low bidders, in equal shares at the rate of \$.38 per \$100 per year. I concur.

On motion of Mrs. Evans, this recommendation was adopted.

PURCHASE OF SPECIAL EQUIPMENT FOR THE DEPARTMENTS OF HORTICULTURE AND PHYSICS

(18) Requisitions have been received for the purchase of the following equipment:

Department of Horticulture

Two Spraying Outfits.....\$1 397 70

(Competitive prices have not been secured for the reason that equipment manufactured by the John Bean Manufacturing Company of Lansing, Michigan, is considered to be the best for the purpose. A definite quotation has been made by this company.

Equipment for packing of vegetables (to be installed in the Horticulture Field Laboratory)..... 1 560 00

(This equipment is to be purchased from the Sprague-Sells Corporation of Hoopeston, Illinois, based on quotations secured by the Purchasing Agent.)

Department of Physics

One Mono 29 Double monochromator from P. J. Kipp & Zonen of Delft, Holland, for the use of the Department of Physics, at.... 600 00

The requisitions have been approved by the Dean and the Comptroller in each case. The requisition for the canning equipment, which will need to be installed in the Horticulture Field Laboratory, has, in addition, been approved by the Supervising Architect.

Appropriations for the purchase of this special equipment were made by the Board in the budget for this year.

I recommend that the purchase of this equipment be authorized.

On motion of Mr. Armstrong, this recommendation was adopted.

PURCHASE OF PAPER

(19) A request from the Comptroller for authority to purchase a carload of English Finish Book Paper to be placed in the Office Supply Storeroom for use in the printing of bulletins and other material for the various departments by the Print Shop. Provision for such printing is made in the budgets of these departments and the cost of the paper will eventually be charged to these appropriations. In the meantime, it will be charged temporarily to the Revolving Account of the Office Supply Storeroom. The Purchasing Agent has secured the following quotations on this paper:

Moser Paper Company, 621 Plymouth Court, Chicago, Illinois. . \$6.75 cwt.

Dwight Brothers Paper Company, 626 S. Clark Street, Chicago 6.75 cwt.

Bradner Smith and Company, 333 S. Desplaines Street, Chicago 6.85 cwt.

Chicago Paper Company, 801 South Wells Street, Chicago. . . . 6.89 cwt.

All f.o.b. Urbana

By purchasing a carload of paper, which is a nine months' supply, a saving of approximately eleven per cent is effected.

The Comptroller and the Purchasing Agent recommend, and I concur, that a carload (nineteen tons) of this paper be purchased from the Moser Paper Company on the basis of their quotation of \$6.75 cwt. f.o.b. Urbana.

On motion of Mr. Trees, this purchase was authorized.

CONTRACT FOR PURCHASE OF ACIDS

(20) A request from the Comptroller for authority to execute a contract with the General Chemical Company for the purchase of acids for the year ending February 28, 1931. An exclusive contract makes it possible to secure better prices than can be secured on single purchases.

The Purchasing Agent requested proposals from the General Chemical Company, the Grasselli Chemical Company, and the Mallinckrodt Chemical Works. The

General Chemical Company and the Grasselli Chemical Company have submitted the following quotations:

C. P. Sulphuric Acid, per lb.....	.065
C. P. Muriatic Acid.....	.065
C. P. Nitric Acid.....	.115
C. P. Ammonium Hydroxide.....	.095
Com'l Sulphuric Acid, per cwt.....	1.35
Com'l Muriatic Acid.....	1.35

The Mallinckrodt Chemical Works did not submit any proposals.

Terms are f.o.b. point and the charges for containers are the same in each case. Purchases amount to approximately \$2500 per year and the cost will be charged to the departments using the chemicals for which appropriations have been made in their respective budgets.

I recommend that the Comptroller and the Secretary of the Board be authorized to execute a contract with the General Chemical Company on the basis of the above quotations.

On motion of Mr. Armstrong, this contract was authorized.

PURCHASE OF CATTLE FOR EXPERIMENTAL WORK

(21) A report that I have authorized the purchase of twenty head of Purebred Hereford Heifers from the W. A. Pickering Lumber Company, Kansas City, Missouri, for experimental work in the Department of Animal Husbandry at a total cost of \$1,359.20 f.o.b. cars, Kansas City. The selection of stock was made by Professor H. P. Rusk, Head of the Department, and the purchase has been charged to the Expense and Equipment Budget of the Department.

I request confirmation of my action.

On motion of Mrs. Grigsby, the action of the President of the University in authorizing this purchase was confirmed.

PURCHASE OF JOURNAL OF THE RUSSIAN PHYSICAL AND CHEMICAL SOCIETY

(22) A recommendation from the Director of the Library for the purchase of a set of the Journal of the Russian Physical and Chemical Society at a price of \$1500 plus transportation charges from Esthonia. Funds are available in the appropriation for Library Additions for this purpose. It is very desirable to secure this Journal for the Library and I recommend that this purchase be authorized.

On motion of Mrs. Evans, this purchase was authorized.

RELEASE OF PATENT RIGHTS ON DISCOVERIES BY MEMBERS OF THE FACULTY

(23) A report that:

1. Dr. L. F. Audrieth of the Department of Chemistry has discovered a process whereby he can deposit antimony and arsenic upon copper in a hard plate. Professor Roger Adams reports that this may possibly become of some commercial value, but that it will probably require years of development before it is worth while.

2. Dr. H. F. Johnstone of the Engineering Experiment Station has invented a recording dew point indicator. Professor D. B. Keyes, under whose direction Doctor Johnstone works, and Professor S. W. Parr are of the opinion that it will take a great deal of development to make the machine worth while and that it is not likely to be of any value except for scientific purposes.

On recommendation of all concerned, including that of a committee which advises me on such matters, I recommend that the University release its rights in these matters and that Doctors Audrieth and Johnstone be permitted to patent their discoveries themselves if they wish.

On motion of Mr. Fisher, this recommendation was adopted.

ENGINEERING EXHIBIT AT AMERICAN FOUNDRY MEN'S CONVENTION IN CLEVELAND

(24) A request from the Dean of the College of Engineering that permission be given the Department of Mechanical Engineering to furnish the necessary material for an

exhibit of student foundry work at a convention of the American Foundry Men's Association to be held the week of May 12, 1930, at Cleveland, Ohio. The association will pay the cost of transportation involved and also the expense of a student attendant if the size of the exhibit should warrant it. The only expense to the University will be the cost of some new photographs of students at work and of certain equipment in the foundry.

I recommend approval.

On motion of Mr. Armstrong, this recommendation was approved.

OFFER OF CHICAGO TUBERCULOSIS INSTITUTE TO ESTABLISH THE THEODORE B. SACHS RESIDENCY IN TUBERCULOSIS

(25) The Chicago Tuberculosis Institute, through Dr. Max Biesenthal, Chairman of a special committee for the Theodore B. Sachs Memorial Grant, offers the University the sum of \$2,500 to be paid annually for five years for the purpose of establishing a "Theodore B. Sachs Residency" in the field of tuberculosis and allied diseases. This fund is to be paid on or before October 1 of each year and is to be used partly as an honorarium or salary for the person selected, partly to defray such expenses as may be incurred, and partly to pay for the cost of any publications that may result from the work.

I recommend that this offer be accepted.

On motion of Mr. Trees, this offer was accepted.

REPORT OF GIFTS RECEIVED BY THE UNIVERSITY

(26) The following gifts have been received since the last report was made to the Board:

1. From the General Electric Vapor Lamp Company of Hoboken, New Jersey, one uviarc poultry treater.
2. From the Ohio Electric and Controller Company of Cleveland a new type of electric motor valued at \$12 for the use of the Department of Electrical Engineering.
3. From the Independent Order of B'nai B'rith the sum of \$50 for the purchase of books for the Library. This is a continuation of a gift which was originally offered to the University and accepted by the Board on June 7, 1912, the first payment being \$500. Total contributions made by the Order from time to time now amount to \$1540.

This report was received for record.

GIFT OF ILLINI THEATER GUILD FOR EQUIPMENT FOR LINCOLN HALL

(27) Through the Supervising Architect the Illini Theater Guild has given the University the amount of \$1250 to help pay for some of the stage equipment in the theater in Lincoln Hall. The Supervising Architect recommends that this gift be accepted.

I concur.

On motion of Mrs. Evans, this gift was accepted.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(28) The following report from the Comptroller of contracts and of purchase orders of \$1,000 and over executed since the last report was made to the Board.

*CONTRACTS EXECUTED BY THE COMPTROLLER
JANUARY 30, 1930, TO MARCH 6, 1930*

Cooperative Research Agreements executed on special authorization of the Board of Trustees:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Purpose</i>
The Borden Company of New York City Authorized Dec. 4, 1929	\$2 000 00	Feb. 12, 1930	Cooperative investigation of lactic acid milk by College of Medicine
American Concrete Institute Authorized Feb. 5, 1930	3 000 00	Feb. 12, 1930	Cooperative investigation of concrete columns by Engineering Experiment Station

Cooperative Research Agreement executed under general regulations:

Name	Amount to be received by the University	Date	Purpose
Utilities Research Commission Authorized by President Feb. 26, 1930	\$10 000 00	Feb. 26, 1930	Cooperative investigation of solubility of boiler waters by Engineering Experiment Station

**PURCHASE ORDERS ISSUED IN FEBRUARY
AMOUNTING TO \$1000 OR MORE**

Vendor	Item	Amount	Department	Appropriation Made in Budget For	Procedure
Overland Rickard Company	Cadillac Limousine	\$3535 00	Supervising Architect	President's Car	Authorized by Board of Trustees February 5, 1930

H. M. EDWARDS
Purchasing Agent

This report was received for record.

CONTRACT FOR OPTICAL SERVICE IN DISPENSARY

(29) In accordance with the regulations for optical service in the College of Medicine, as adopted by the Board on February 5, 1930, the Comptroller submits the following proposals:

	<i>New Era Optical Co.</i>	<i>Kramer</i>	<i>Riggs Optical Co.</i>
Frames			
Gold Filled.....	1.25	1.50	1.55
Shell Inner Rim.....	1.35	2.00	1.75
All Shell Frames.....	1.25	1.75	1.35
Total.....	3.85	5.25	4.65
Fitting Charge.....	1.00	.25	.50
Average Cost of Glasses, Except Lenses	2.28	2.00	2.05

A proposal was also received from the American Optical Company, but it cannot be considered on account of unacceptable modifications which were written into their proposal.

The Comptroller reports that, since the average total cost of a pair of glasses to the patient would be substantially the same in each case, an investigation was made of the quality of materials handled by the competing concerns and of the service they are prepared to render. As a result of this investigation it is the opinion of himself and the Dean of the College of Medicine that the contract should be awarded to the Riggs Optical Company because the concern handles and proposes to supply only the highest quality of lenses and frames, whereas the other concerns do not handle materials of a uniform quality and some of their products are distinctly inferior, and because the Riggs Company is in a position to furnish an experienced optician who has been doing similar work at other institutions. Accordingly, he recommends, and I concur, that the proposal of the Riggs Company be accepted and that the Comptroller and Secretary be authorized to execute a contract accordingly.

On motion of Dr. Noble, this recommendation was adopted.

CONTRACT FOR FILTRATION PLANT

(30) A recommendation from the Supervising Architect, in which I concur, that the contract for the construction of the Filtration Plant be awarded to King & Petry, the lowest bidders, on the basis of their bid of \$51,885. This construction is provided for in the legislative appropriation of \$250,000 for "Additions to Boiler House, with equipment, new deep well, and filtration plant."

SCHEDULE OF BIDS

King & Petry, Champaign, Ill.....	\$51 885 00
English Bros., Champaign, Ill.....	53 206 00
G. E. Tillman, Centralia, Ill.....	56 440 00
Sowers & Corkery, Urbana, Ill.....	56 769 00
A. W. Stoolman, Champaign, Ill.....	56 787 00
Bethel & Son, Granite City, Ill.....	61 000 00

On motion of Mrs. Evans, this contract was awarded to King & Petry, the lowest bidders, as recommended.

STANDING COMMITTEES, 1930-31

The list of standing committees of the Board, appointed by President Barr on March 20, 1930, in accordance with the By-Laws, is as follows:

Buildings and Grounds—JAMES W. ARMSTRONG, Chairman, WILLIAM L. NOBLE, HELEN M. GRIGSBY, FRANK H. SIMPSON, MERLE J. TREES.

Finance—MERLE J. TREES, Chairman, WALTER T. FISHER, MARY E. BUSEY.

Engineering—FRANK H. SIMPSON, Chairman, WILLIAM L. NOBLE, MARY E. BUSEY.

Agriculture—MARY E. BUSEY, Chairman, FRANK H. SIMPSON, HELEN M. GRIGSBY.

Chicago Departments—WILLIAM L. NOBLE, Chairman, MERLE J. TREES, WALTER T. FISHER.

Student Welfare—LAURA B. EVANS, Chairman, JAMES W. ARMSTRONG, MERLE J. TREES.

Instruction—HELEN M. GRIGSBY, Chairman, WALTER T. FISHER, FRANCIS G. BLAIR.

Library—WALTER T. FISHER, Chairman, WILLIAM L. NOBLE, HELEN M. GRIGSBY.

Alumni—JAMES W. ARMSTRONG, Chairman, LAURA B. EVANS, MARY E. BUSEY.

Physical Education—MERLE J. TREES, Chairman, LAURA B. EVANS, FRANK H. SIMPSON.

USE OF ALUMNI ADDRESS LIST

Mr. Fisher, for the Committee on Alumni, presented the following report:

The Committee recommends that the request of the Alumni Association to renew the contracts mentioned in Mr. Roseberry's letter of February 4, 1930 (see page 520), be approved; provided that the University of Illinois shall not be mentioned, directly or indirectly, in the advertising mailed out in the envelopes addressed by the Alumni.

W. T. FISHER

GEORGE A. BARR

On motion of Mr. Fisher, this recommendation was adopted.

COMMITTEE ON PATENTS—BUSWELL PROCESS

Mr. Armstrong, for the Special Committee on Patents, presented a revised form of contract for the development of the Buswell process. This matter was discussed in detail.

On motion of Mr. Fisher, Mr. Trees was added to the Special Committee on Patents.

On motion of Mr. Trees, the proposed contract was authorized, substantially as drawn, and was referred to the special committee to negotiate the terms of section 16 and to report the final contract to the Executive Committee for final action.

PLANS FOR PRESIDENT'S HOUSE

Professor White presented the revised plans for the President's house.

On motion of Mr. Trees, the Supervising Architect was authorized to proceed with the plans and specifications on the basis of the general layout as presented, and to prepare to take bids (omitting the garage and the conservatory for the present) on the basis of fireproof construction up to and including the second floor.

APRIL MEETING

On motion of Mr. Trees, it was voted to hold the April meeting in Urbana, at 9:30 a.m. on Wednesday, April 9, 1930.

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented for record a list of appointments made by the President of the University.

Belous, Leon, Assistant in the Department of Obstetrics and Gynecology, in the College of Medicine, beginning March 15, 1930, and continuing until September 1, 1930, without salary. (February 25, 1930)¹

Cottrell, Frances Bernice, Assistant in the Department of Botany, on one-half time, beginning March 10, 1930, and continuing until July 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (March 7, 1930)

Dykens, F. A., Special Research Assistant in the Department of Chemistry, on one-half time, for three months beginning March 1, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month (this superseding his appointment as Scholar in Chemistry). (March 7, 1930)

Gustafson, Marie, Technician in the Department of Pathology and Bacteriology, in the College of Medicine, for six months beginning March 1, 1930, at a cash compensation at the rate of one hundred dollars (\$100) a month. (March 6, 1930)

Hood, Marion, Instructor in Medicine and Research Assistant in the Hospital, in the Department of Internal Medicine, College of Medicine, for six months beginning March 1, 1930, without vacation, at a cash compensation at the rate of one hundred sixty-six dollars and sixty-six cents (\$166.66) a month. (February 1, 1930)

Jordan, Garret Lowell, Assistant to the Dean and Director, in the Department of Administration, College of Agriculture and Experiment Station and Extension Service, for seven months beginning February 1, 1930, at a cash compensation at the rate of two hundred sixteen dollars and sixty-six cents (\$216.66) a month. (March 5, 1930)

Kleiderer, E. C., Special Research Assistant in the Department of Chemistry, on one-half time for three months, beginning March 1, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (March 6, 1930)

Mortimer, Harold M., Assistant in the Department of Dermatology, in the College of Medicine, on one-fifth time (two full afternoons a week) for six months beginning March 1, 1930, at a cash compensation at the rate of twenty dollars (\$20) a month. (March 6, 1930)

Roy, Nereus Hubert, Special Research Assistant in Theoretical and Applied Mechanics, in the Engineering Experiment Station, College of Engineering, beginning March 1, 1930, and continuing until further notice, at a cash compensation at the rate of two hundred fifty dollars (\$250) a month (this superseding his previous appointment.) (March 5, 1930)

Sutton, Lyrrell Aline, Clerk and Stenographer in the Department of Theoretical and Applied Mechanics, beginning February 15, 1930, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month. (February 19, 1930)

Swenson, H. M., Assistant in the Department of Obstetrics and Gynecology, in the College of Medicine, beginning March 15, 1930, and continuing until September 1, 1930, without salary. (February 25, 1930)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

GEORGE A. BARR
President

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

EXECUTIVE COMMITTEE MEETING, MARCH 21, 1930

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Union League Club, in Chicago, at 2:30 p.m. on Friday, March 21, 1930.

Mr. George A. Barr, Chairman, Mrs. Laura B. Evans, and Mr. James W. Armstrong, members of the committee, and President Kinley were present.

MATTERS PRESENTED BY THE PRESIDENT OF THE UNIVERSITY
The Executive Committee considered the following matters presented by the President of the University.

SICK LEAVE FOR DEAN KETCHUM

(1) A recommendation that Dean Ketchum be given sick leave of absence, with pay, beginning March 21, 1930.

On motion of Mr. Armstrong, this leave was granted, the date of Dean Ketchum's return to duty to be determined by the President of the University.

SICK LEAVE FOR PROFESSOR PARMELEE

(2) A request from Professor Parmelee, endorsed by Dean Ketchum, for permission to be absent from duty with pay, from March 29 to April 19, 1930, inclusive, in order that he may submit to medical examination and treatment.

I recommend that this request be granted.

On motion of Mrs. Evans this leave was granted.

APPOINTMENTS IN PHYSICS

(3) A request for authority to appoint Dr. James H. Bartlett Assistant Professor of Physics at a cash compensation of \$3,000, and Dr. Gerald M. Alby Associate in Physics at a cash compensation not to exceed \$2,500, both for one year beginning September 1, 1930.

On motion of Mrs. Evans, this authority was granted.

APPOINTMENTS TO THE FACULTY FOR 1930-31

(4) I request approval of the following major appointments to the staff for 1930-31:

1. Professor Horace Ainsworth Eaton of Syracuse University to be Visiting Professor of English for the second half of 1930-31, or for five months from February 1, 1931, at a salary of \$650 a month.

2. Professor Marcel Jean Moraud, Head of the Department of Romance Languages at Rice Institute, Houston, Texas, to be Professor of Romance Languages on indefinite tenure beginning September 1, 1930, at a cash compensation of \$6,000 a year.

3. Associate Professor Charles M. Kneier of the University of Nebraska to be Assistant Professor of Political Science for one year beginning September 1, 1930, at a cash compensation of \$3,400 a year.

4. Dr. Charles S. Hyneman of Syracuse University to be Assistant Professor of Political Science for one year beginning September 1, 1930, at a cash compensation of \$3,200 a year.

On motion of Mr. Armstrong, these recommendations were concurred in.

FUNDS FROM THE STUDENTS' MUTUAL BENEFIT HOSPITAL FUND FOR THE EXPENSES OF MCKINLEY HOSPITAL

(5) The Trustee of the Students' Mutual Benefit Hospital Fund, Dean Thomas Arkle Clark, offers \$5,500 from that fund towards the operating expenses of the McKinley Hospital for the current year. This procedure is in accordance with the regulations

of the Students' Mutual Benefit Hospital Fund and I recommend that the offer be accepted.

On motion of Mrs. Evans, this gift was accepted.

LEAVE OF ABSENCE FOR PROFESSOR A. C. BENJAMIN

(6) A request from Assistant Professor A. C. Benjamin of the Department of Philosophy for a leave of absence without pay for the academic year 1930-31 in order that he may spend the year in travel and study abroad on a fellowship from the Guggenheim Foundation. The Head of the Department and the Dean recommend that this leave be granted and I concur.

On motion of Mr. Armstrong, this leave was granted.

RETIREMENT OF RUDOLPH MESECK

(7) Mr. Rudolph Meseck, Janitor of the School of Pharmacy, requests to be retired as of February 1, 1930, because of ill health. He has been in our service for twenty-eight years, has passed the minimum age of 65 years for retirement, and Doctor Camp of the College of Medicine reports that he is unable to do any work requiring physical exertion. Professor White recommends, Dean Day concurring, that Mr. Meseck be retired as of February 1, 1930, and that an appropriation of \$420 be made from the Reserve and Contingent Fund to pay his retiring allowance from that date to September 1 next. I concur.

On motion of Mrs. Evans, this recommendation was unanimously adopted, by a vote of record, in answer to roll call.

CONTRACT FOR LICENSE OF BUSWELL PROCESS

Mr. Armstrong, for the special committee on patents, presented the following report.

The Special Committee appointed by the Board of Trustees to arrange a contract giving license for use of patent known as Cellulose Digestion Process, invented by Arthur M. Buswell and Clair S. Boruff, submit, with their approval, the attached agreement.

J. W. ARMSTRONG
Chairman
LAURA B. EVANS
MERLE J. TREES
WALTER T. FISHER
W. L. NOBLE

Draft of 3/21/30

OPTION AGREEMENT

Board of Trustees of the University of Illinois, of Urbana, Illinois, a corporation, herein termed "The Board" hereby grants unto Francis N. Bard, party of the second part, an exclusive option to enter into license agreement as per the attached memorandum of agreement, this option to hold for a period of sixty (60) days following the execution of this agreement.

In consideration of this option, party of the second part agrees to make, at its own expense and within the above option period, an investigation of the patent situation relating to the process of Cellulose Digestion, which is the subject of the attached license agreement and to make a full report covering all its findings, to the Board.

Party of the second part shall, within sixty (60) days of the date of exercise of this option, organize, or cause to be organized, a corporation, of a Capital Stock of \$100,000.00, fully paid in or subscribed. If the subscriptions are not fully paid, in cash, then so long as the attached license agreement is in force neither the stockholders nor the corporation shall reduce the capital stock of the corporation, or take any other steps which will relieve them of liability for the amount of the initial subscription. A list of the proposed stockholders shall be submitted to the Board for its approval within ten (10) days following execution of this Option Agreement and the Board shall, within fifty (50) days thereafter, state its approval or disapproval of said stockholders; otherwise, its right of approval or disapproval shall be considered

waived. As soon as Party of the second part shall have secured the Board's approval of the stockholders and shall have effected organization of the corporation, he shall effect transfer of the license agreement unto the said corporation and upon acceptance of said transfer by the Corporation, Party of the second part shall be relieved of all responsibility as a party to the said license agreement.

IN WITNESS WHEREOF, the parties hereto have executed this agreement at Chicago, in the county of Cook and State of Illinois, this twenty-first day of March, 1930.

BOARD OF TRUSTEES, UNIVERSITY OF ILLINOIS

GEORGE A. BARR

Its President (For the Board)

FRANCIS N. BARD

(Party of the second part)

AGREEMENT

THIS MEMORANDUM OF AGREEMENT, made and entered into this _____ day of March, 1930, by and between the BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, of Urbana, Illinois, a corporation, hereinafter called the "Licensor" and FRANCIS N. BARD, a resident of the city of Highland Park, and State of Illinois, hereinafter called the "Licensee," WITNESSETH THAT:

WHEREAS, the Licensor is the owner of certain improvements in Cellulose Digestion, the invention of Arthur M. Buswell and Clair S. Boruff, for which an application for Letters Patent of the United States has been filed, Serial No. 386,080, August 15, 1929, and all rights thereunder; and

WHEREAS, the Licensee is desirous of acquiring the exclusive right to manufacture and sell devices for practicing the process embodying the invention and the exclusive right to practice the process, throughout the United States and territories, to the full end of the term for which Letters Patent may be granted under the application aforesaid;

NOW, THEREFORE, in consideration of the premises and the mutual promises of the parties, it is agreed as follows:—

(1) Licensor hereby grants unto Licensee the exclusive license to manufacture and/or sell, and to cause to be manufactured and/or sold, devices for practicing the invention covered by the aforesaid application for Letters Patent and the Letters Patent therefor, or any continuation, division or renewals thereof, or any reissue thereof, together with the exclusive license to practice the process of the aforesaid application for Letters Patent and the Letters Patent therefor, or any continuation, division or renewals thereof, or any reissue thereof, throughout the United States, its territories and possessions, to the full end of the term for which such Letters Patent may be granted, except as this agreement may be terminated as hereinafter provided, and subject to the provisions hereinafter recited.

(2) Licensee agrees to pay to Licensor, upon the execution of this agreement, the sum of Ten Thousand Dollars (\$10,000.00).

(3) Licensee agrees to proceed diligently, and with adequate facilities, to develop the process and the apparatus required to practice the same, to the state of commercial exploitation, subject to the exception hereinafter specified in this paragraph. A period of two years is contemplated by the parties to be adequate time within which such experimental and development work can be completed. In the event that within said two year period the experimental and development work done by Licensee demonstrates to the satisfaction of the Licensee that commercial exploitation of the process is not feasible, the Licensee shall have the right to be relieved of further liability under this contract and to terminate the same by giving ninety (90) days written notice of its desire to cancel the contract, at any time prior to the expiration of said two year period, but not thereafter.

(4) Licensee shall pay a minimum royalty of Ten Thousand Dollars (\$10,000.00) per year, payable quarterly, beginning from and after the second anniversary of the date of the execution of this license agreement, so long as the exclusive license herein granted is in force.

(5) Licensee agrees to keep records of apparatus sold under the license herein granted, in sufficient detail to enable the royalties payable hereunder by the Licensee to be determined, and further agrees to permit its books and records to be examined from time to time to the extent necessary to verify the reports provided for in Par-

agraph 7 hereof, such examination to be made at the expense of Licensor, by a Certified Public Accountant appointed by Licensor, who shall be acceptable to the Licensee.

(6) From and after the completion of the two year development period, Licensee will make reports to Licensor quarterly, within ten (10) days after the last day of January, April, July, and October of each year, during the life of this agreement, and as of such dates, stating the number, description and net selling prices, f.o.b. factory, of the Cellulose Digestion apparatus, or parts thereof, sold by it under the license herein granted. The first such report shall include all apparatus or parts thereof sold by Licensee during the two year development period. Licensee agrees to pay to Licensor, simultaneously with the making of each such report, royalties on the sales included in each such report, at the rate of seven and one-half percent (7½%) of the selling price, f.o.b. factory, of all Cellulose Digestion apparatus, or parts thereof, covered by such report.

All sales on which royalties are to be computed shall be bonafide and shall include the manufacturers profit and shall not be made in any such way as to deprive Licensor of its royalties. Only one royalty shall be paid on any apparatus, or a part or parts thereof.

It is understood and agreed by the parties hereto that the apparatus and parts upon which reports are to be made and upon which royalties are payable shall include all apparatus or parts thereof sold by the Licensee entering into the construction of a Cellulose Digestion and Gas Generating plant, to and including the gas outlet, but no parts beyond the same. The Cellulose Digestion and Gas Generating equipment is understood to include means for charging the same, agitating means and sludge removing means.

Under this agreement, articles shall be considered to be sold when billed out, or if not billed out, then when delivered, or when paid for, if paid for before delivery.

Royalties need not be paid on parts intended for repair of machines upon which royalties have been paid under this agreement. Royalties paid on articles lost or damaged in transit and not accepted by the customer on that account shall be credited against future royalty payments.

(7) If, in any suit for infringement of any Letters Patent under which a license is granted or agreed to be granted in this agreement, any of the claims of said Letters Patent shall be held to be invalid, or not infringed, by a court of last resort, or by a lower court of competent jurisdiction, from whose decree no appeal is taken or certiorari granted within the period allowed therefor, the construction placed upon the patent by the court shall be followed from and after the date of entry of the decree of such court, and royalties shall thereafter be payable by the Licensee only in accordance with such construction until the same shall be modified or reversed by a subsequent court decree, and with respect to claims that are by any such decree held to be invalid, the Licensee shall be relieved of its obligations to make reports and to pay royalties on apparatus which is covered by only such claims, or which is employed for practicing only the process covered by only such claims, until the decision with respect to such claims shall be modified or reversed by a subsequent court decree.

(8) Licensee may, after issuance of the Letters Patent of the United States on aforesaid application, Serial No. 386,080, cancel this agreement at the end of any calendar year, by first giving written notice six (6) months in advance.

(9) Licensee agrees that upon the issuance of Letters Patent on the aforesaid application, or any division, continuation or renewal thereof, to mark the Cellulose Digestion apparatus thereafter sold by it under this license agreement with the legend "Manufactured under license from the Board of Trustees of the University of Illinois," together with the legal form of patent marking applicable to the Letters Patent under which the Licensee shall be licensed hereunder.

(10) Licensee admits the validity of the Letters Patent which are the subject of this agreement or which may be included hereafter under this agreement. This admission of validity is limited to the life of this agreement and to the scope of the license granted.

(11) Any notice required to be served by either party on the other under the provisions of this agreement may be served by enclosing the same in a postpaid wrapper addressed to such other party at its or his last known address and depositing the same by registered mail in any post office.

(12) If the Licensee shall at any time make default in the payment of any royalty or in the making of any report hereunder, or shall commit any breach of any covenant or agreement herein contained, or shall make any false report, and shall fail to remedy any such default or breach within twenty (20) days after written notice thereof by Licensor, Licensor may, at its option, cancel this agreement and revoke the license herein granted, by notice in writing to such effect, but such act shall not prejudice the right of Licensor to recover any royalties or other sums due at the time of such cancellation and shall not prejudice any cause of action or claim to Licensor accrued or to accrue, on account of any breach or default by the Licensee.

(13) This agreement, unless previously terminated in accordance with the provisions hereof, shall run to the full end of the term for which Letters Patent may be granted, reissued or extended, under which a license is granted by the provisions of this agreement, and shall be binding upon the successors and assigns of the respective parties to the extent to which this agreement is assignable.

(14) Licensor agrees, upon written request of the Licensee, to include in this agreement and the license therein contained, such improvements in and to Cellulose Digestion as relate to the aforesaid invention, which Licensor shall acquire prior to the expiration of the Letters Patent issued on the aforesaid application, Serial No. 386,080, or any division or continuations thereof. It is understood that the Licensee shall be free to obtain patents for itself on inventions relating to the subject matter of this agreement.

(15) This contract, and the license herein granted and agreed to be granted, shall be assignable with the business and good will of the Licensee in Cellulose Digestion apparatus, but shall not otherwise be assignable without the written consent of Licensor and, in the event of dissolution or bankruptcy, voluntary or involuntary, or an assignment for the benefit of creditors, the license herein granted shall become null and void and all rights in and to the same shall revert to the Licensor.

(16) In the event of unauthorized use of the patented invention by others, Licensee shall have the right to bring suit in its own name to enforce its exclusive rights in and under the inventions aforesaid. Such suits shall be brought at the expense of Licensee. Licensor shall have the right, if it so elects, to be represented at its own expense in any suit brought under the patent or patents which form the subject of this agreement. In the event that Licensee shall institute suit and make recovery for infringement of Letters Patent which are the subject of this agreement, it shall pay to the Licensor forty percent (40%) of the net amount recovered.

(17) Licensee shall, by giving notice in writing prior to July 1, 1930, of its intention so to do, have the right to apply for and obtain foreign patents in the name of the Licensor, based on aforesaid application, Serial No. 386,080, in all countries which it may elect, and secure exclusive licenses under such patents as it shall take out. In respect to such countries, concerning which Licensee has given such notice, Licensee shall proceed immediately to lodge applications and secure such patents. Licensee agrees that during the continuation of this agreement it will use due diligence to maintain in force all such foreign patents for which it has made application. Licensee agrees to make accounting and pay royalties in accordance with the provisions of paragraphs (4) and (6) hereof, on all apparatus manufactured and sold under such foreign patents.

Licensee shall have the right to sell rights in, to or under any foreign patents taken out by Licensee, provided that the approval of the Licensor is first obtained, and subject to payment to the Licensor of one-half of the purchase price remaining after first deducting expenses of Licensee incurred with respect to the particular patent under, or with respect of which, such sale is made.

Similar rights shall be given to Licensee to apply for foreign patents on new developments or discoveries relating to the subject matter of this agreement owned or controlled by Licensor.

(18) Licensee shall have the right to sub-license others, under any of the United States or foreign patents which are the subject of this agreement, subject to the provision that Licensee shall be responsible for the faithful performance of all covenants hereunder, by such sub-licensee.

(19) During the life of this contract Licensee agrees to proceed diligently, and with adequate facilities, to exploit the sale and distribution of the process and apparatus to the fullest extent.

BOARD OF TRUSTEES

(20) In the event of termination of this agreement, by cancellation for any cause, Licensee agrees to turn over to Licensor its Good Will, list of customers, technical data and such other information as may be the result of its development work up to the time of cancellation, together with the right to make, use and/or sell any and all forms of apparatus developed by Licensee for the practice of the herein licensed process, whether patented or unpatented.

IN TESTIMONY WHEREOF, Licensor and Licensee have caused their respective corporate seals to be hereunto affixed and duly attested, and these presents to be signed by their respective duly authorized officers.

THE BOARD OF TRUSTEES OF THE UNIVERSITY
OF ILLINOIS,

By GEORGE A. BARR
President

Approved:

Superintendent of Business Operations

Approved:

JOHN A. DIENNER
Legal Counsel

Attest:

H. E. CUNNINGHAM
Secretary

Licensee

By _____
President

Attest:

Secretary

ENDORSED:

A. M. BUSWELL } *Inventors.*
C. S. BORUFF }

On motion of Mr. Armstrong, the report was adopted, and the proper officers of the University were authorized to execute the contract.

The Executive Committee adjourned.

H. E. CUNNINGHAM
Clerk

GEORGE A. BARR
Chairman

J. W. ARMSTRONG
LAURA B. EVANS

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

April 9, 1930



The April meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9:30 a.m. on Wednesday, April 9, 1930. The following members were present: President Barr, Mr. Armstrong, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of March 11, 1930, and of the meeting of the Executive Committee of March 21, 1930.

On motion of Mr. Armstrong, the minutes were approved and received for record as printed on pages 535 to 554 above.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

APPOINTMENT OF DR. JOHN A. GOFF AS ASSOCIATE PROFESSOR OF THERMODYNAMICS

(1) On recommendation of the Head of the Department of Mechanical Engineering and the Dean of the College I recommend that Dr. John A. Goff, Research Engineer with the Westinghouse Electric and Manufacturing Company of Pittsburgh, be appointed Associate Professor of Thermodynamics beginning September 1, 1930, at an annual salary of \$4500. This appointment is to fill the vacancy created by the death of Professor Goodenough.

On motion of Mr. Trees, this appointment was made.

PROMOTIONS AND OTHER CHANGES IN THE STAFF FOR 1930-31

(2) A report that I have authorized the following important promotions in the staff for the year 1930-31:

1. Dr. Reynold C. Fuson, Assistant Professor of Chemistry, to be Associate Professor at a salary of \$3800.

2. Dr. Ralph Lloyd Shriner, Assistant Professor of Chemistry, to be Associate Professor at a salary of \$3800.

I also report that I have accepted the resignation of Dr. Leonard F. Yntema, Assistant Professor of Chemistry, to become effective September 1, 1930.

On motion of Mrs. Evans, the action of the President of the University in these matters was confirmed.

LEAVE OF ABSENCE FOR MISS MARY A. MCKEE

(3) A recommendation from the Dean of the College of Agriculture that Miss Mary A. McKee, Extension Specialist in Junior Club Work, be given leave of absence without pay for one month in addition to her regular vacation of one month, leaving June 7 and returning to duty August 7, in order that she may accompany two girls from Illinois, who won a national clothing demonstration contest held in Chicago at the time of the International Stock Exhibition under the auspices of the National 4-H Club Congress, to Europe. These two girls are not University students but are enrolled in 4-H Club work in connection with our Extension Service.

I recommend that this leave be granted.

On motion of Mrs. Grigsby, this leave was granted.

LEAVE OF ABSENCE FOR MISS JOSIE B. HOUCHENS

(4) A request from Miss Josie B. Houchens, Binding Librarian and Lecturer in the Library School, for a leave of absence during the month of July without pay to enable her to teach Library Science in the summer session of Columbia University. Arrangements can be made to take care of her work here.

Director Windsor recommends approval and I concur.

On motion of Dr. Noble, this leave was granted.

**TRIBUTE OF THE BOARD OF TRUSTEES TO
MRS. MARY ELIZABETH BOWEN-BUSEY**

On motion of Mrs. Evans, the following resolution was adopted.

The members of the Board of Trustees of the University of Illinois record with profound sorrow and a sense of great loss the death on April 7, 1930, of their honored and beloved colleague, Mrs. Mary Elizabeth Bowen-Busey.

Mrs. Busey was born on June 21, 1854, at Delphi, Indiana, where she spent her childhood and the early years of her womanhood. She came to Urbana following her marriage to Colonel Samuel T. Busey in 1877.

From 1905 until her death she served continuously as a member of the Board of Trustees of the University of Illinois, giving gener-

ously of her time and wise counsel. Her interest in the welfare and progress of the University covered all of its activities. She listened sympathetically to every proposal which came before the Board and discharged faithfully and painstakingly every duty which came to her as one of its members.

Her work on the Board was but one phase of her long and faithful career of public service. As a generous benefactress and diligent worker she played a prominent part in the educational, social, and civic affairs of the community. Her uplifting and inspiring influences were even greater than the many material evidences of her deeds and benefactions.

Finally, the Members of the Board would record their appreciation of Mrs. Busey as a woman whose high ideals, sympathetic nature, generous heart, and personal charm drew to her a host of friends among her fellow citizens in strong bonds of respect and affection. In her death the State has lost a distinguished citizen and a loyal servant, and the University and the community a true friend.

In recording this tribute to the memory of their dear friend and colleague, the Members of the Board of Trustees direct the Secretary to send a copy of this message to the members of Mrs. Busey's family as an expression of the sorrow of the Board and its deepest sympathy with them in the great loss which they have sustained.

On motion of Mr. Trees, the Board suspended the transaction of business for ten minutes, out of respect for Mrs. Busey.

VACATION EXTENSIONS FOR L. E. CARD AND H. J. SLOAN OF THE DEPARTMENT OF POULTRY HUSBANDRY

(5) Dr. L. E. Card, Professor of Poultry Husbandry, and Dr. H. J. Sloan, Instructor in Poultry Husbandry, desire to attend the World's Poultry Congress to be held in London, England, in July, 1930, and to spend some time in the British Isles and on the Continent on a tour of special educational value to poultry scientists. They request that their vacations be extended for three weeks in each case (each is entitled to a month) so that they may have enough time to go on the tour.

Dean Mumford recommends approval and I concur.

On motion of Mrs. Grigsby, this recommendation was adopted.

REQUEST OF BELL TELEPHONE LABORATORIES FOR THE SERVICES OF PROFESSOR TYKOCINER

(6) The Dean of the College of Engineering recommends that Professor J. T. Tykociner be permitted to comply with a request from the Bell Telephone Laboratories of New York to appear as a consultant and witness in certain litigation about talking-moving pictures apparatus. Compliance will necessitate a leave of absence aggregating two weeks. I concur.

On motion of Mr. Armstrong, this leave was granted.

LEAVE OF ABSENCE FOR ASSOCIATE PROFESSOR E. A. CULLER

(7) A request from Associate Professor E. A. Culler of the Department of Psychology, concurred in by the Head of the Department and the Dean of the College, for a leave of absence without pay for the academic year 1930-31. Doctor Culler wishes to spend the year at Cornell University working on some research projects sponsored by the Otological Society of America in collaboration with specialists in physiology and other biological sciences.

I recommend approval.

On motion of Dr. Noble, this leave was granted.

GUGGENHEIM FELLOWSHIP FOR PROFESSOR PERRY

(8) Associate Professor Perry was granted sabbatical leave of absence on December 4, 1929, for the year beginning September 1, 1930. He has since received notice of the award of a Guggenheim fellowship for the same period. I recommend that Professor Perry be authorized to accept this fellowship.

On motion of Mr. Armstrong, this recommendation was approved.

APPROPRIATION FOR PATENT EXPENSES

(9) Statements have been received from Brown, Jackson, Boettcher, & Dienner, Patent Attorneys, for their services in connection with various patent matters, viz:

Hugh A. Brown, Case 2	
Suppressed wave radio carrier system.....	\$ 10 00
Harold E. Babbitt and Harry Schlenz	
Patent on Sludge Digestion.....	156 50
Preparation of option agreement and license agreement with F. N. Bard on the A. M. Buswell and C. S. Boruff patent application on Cellulose Digestion.....	750 00
	<hr/>
	\$916 50

I recommend that an appropriation of \$1500 be made from the Reserve and Contingent Fund to pay the above and any other patent expenses which may be incurred before the end of the fiscal year.

On motion of Dr. Noble, this appropriation was made, by the following vote: Aye, Mr. Armstrong, President Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emerson, Mr. Fisher, Mr. Simpson.

DEATH BENEFIT FOR DEAN C. E. CHADSEY

(10) I regret deeply to report the death this morning of Dean Charles Ernest Chadsey of the College of Education. Dean Chadsey was fifty-nine years old and has been on the staff since September, 1919.

The amount of the death benefit is the maximum allowed. I recommend that an appropriation of \$3,000 be made from the Reserve and Contingent Fund for this purpose and that the Comptroller be authorized to make payment to Dean Chadsey's designated beneficiary, Mrs. Callie Price Chadsey.

On motion of Mrs. Grigsby, this recommendation was adopted. The appropriation was made by the following vote: Aye, Mr. Armstrong, President Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emerson, Mr. Fisher, Mr. Simpson.

REIMBURSEMENT FOR MUSEUM MATERIAL LOST IN TRANSIT DURING THE WAR

(11) A report from the Comptroller that he has received from the Mixed Claims Commission the sum of \$1304.11 representing reimbursement in full plus interest at five per cent from the date of loss to the date of payment for certain articles purchased by the University for the Museum of European Culture in 1915 and which were lost when the Steamship Arabic on which they were shipped in August of that year was torpedoed and sunk while en route by a German vessel. The amount has been credited to the General Fund.

This report was received for record.

PURCHASE OF DIESEL ENGINE

(12) A requisition from the Department of Mechanical Engineering approved by the Dean of the College for the purchase of one 80 horse power RH-40Z, two-cylinder, 327 r.p.m. (M.W.M. Benz) Diesel Engine from the Chicago Pneumatic Tool Company at a price of \$3500, f.o.b. Urbana. The equipment is to be used for instructional pur-

poses and the cost is to be charged to the appropriation made to the Department and College for equipment.

I recommend approval.

On motion of Mr. Trees, this purchase was authorized.

PRINTING OF MAPS FOR SOIL SURVEY REPORTS

(13) The Comptroller recommends that a contract for printing 5,000 maps each of Jackson, Ford, and Fayette Counties for the soil survey be awarded to the Eastern Offset, Inc., of Baltimore, at an estimated price of \$3,210. An appropriation for this printing has been made in the budget for this year.

I recommend approval.

On motion of Mr. Armstrong, this contract was authorized.

PURCHASE OF LIQUID AIR COMPRESSOR

(14) A report that I have authorized the purchase of a liquid air compressor for the Physical Plant from the Norwalk Company at a price of \$4,085, plus freight and installation costs. The Purchasing Agent secured two quotations on this equipment; the one from the Norwalk Company, and the other from the Air Reduction Sales Company of Chicago. The latter quoted a price of \$12,400 f.o.b. New York City. There do not seem to be any other manufacturers of this type of equipment. An appropriation for this equipment was made in the budget for the current year.

On motion of Mr. Armstrong, this action was confirmed.

INSTALLATION OF SPRAYING EQUIPMENT IN HORTICULTURE EXPERIMENT ORCHARDS

(15) On March 11, 1930 (Minutes, page 543) the Board authorized the purchase of spraying machinery for the Department of Horticulture at a total cost of \$1,397.70. Provision was made for the purchase of this equipment in the present budget. This is stationary equipment and requires piping connections to different points of the orchard to make it useful. The estimate of the cost of this equipment did not include installation costs.

The Dean of the College of Agriculture now requests authority to expend \$1,247.59 from the funds appropriated for special equipment for the College of Agriculture for pipe and labor required for the installation of this spraying equipment.

On motion of Dr. Noble, this authority was granted.

STREET CAR TRACKS ACROSS CAMPUS

(16) I present a statement concerning the "Oregon Street line" across the campus, and request that a hearing be granted to Mr. J. D. McKee, representing the Illinois Power and Light Corporation.

This hearing was granted, and Mr. McKee was introduced. Mr. McKee presented a request that the permit to operate the street-car line across the campus, known locally as the "Oregon Street line," be extended for a period of five years, and retired.

This matter was discussed.

On motion of Mr. Armstrong, the Board declined to extend the permit as requested.

REPORT OF FATIGUE PHENOMENA OF METALS RESEARCH

(17) A report from the Dean of the College of Engineering that the specific problems for whose solution was undertaken the cooperative investigation known as "The Fatigue Phenomena of Metals," which has been in progress since 1919, have been solved and that all contributions received for this investigation have been expended. This work was authorized by the Board on October 4, 1919 (Minutes, page 572), at the request of the Engineering Foundation and was continued through a supplementary contract with the General Electric Company approved by the Board September

14, 1920 (Minutes, page 78). The total amounts which were contributed for this work were:

From the Engineering Foundation.....	\$30 000 00
From the General Electric Company (Through the Engineering Foundation).....	46 000 00
From miscellaneous receipts.....	2 844 80
	\$78 844 80

The staff of the Engineering Experiment Station recommends, and I concur, that this investigation be officially closed.

On motion of Mr. Armstrong, this recommendation was adopted.

URBANA COKE CORPORATION

(18) A request from the Urbana Coke Corporation for a formal release from the provision of Section fourth of their contract (Minutes, December 28, 1925, page 496) which provides that in case the company shall not have expended \$50,000 in research, development, and patent expenses within five years, the company will reassign to the Board, for a consideration of \$1, all rights that may have been assigned to it by the Board. This request is made on the ground that the company has already expended more than the minimum required.

On motion of Mr. Trees, this request was referred to the Special Committee on patents for consideration and report.

FIDELITY BOND FOR BUSINESS OFFICE EMPLOYEES

(19) The fidelity bond covering employees in the University who handle cash or sign the names of officers of the Board of Trustees and warrants and vouchers expired on April 5. The bond covers eighty-two individuals and involves an aggregate amount of \$161,200, the amounts for various individuals varying from \$400 to \$50,000. The Comptroller secured proposals from various insurance brokers on the renewal of this bond, the low bidder being D. G. Swannell of Champaign, representing the Fidelity and Deposit Company of Baltimore, Maryland, who quoted a total premium of \$403 covering regular employees and an estimated premium of \$75 covering temporary employees, a total estimated premium of \$478 per year. Since the old bond expired before the Board meeting I authorized the Comptroller to place the new bond with the Fidelity and Deposit Company of Baltimore, Maryland, through the Swannell Agency.

On motion of Mrs. Evans, this action was confirmed.

LIABILITY INSURANCE FOR COOPERATIVE RESEARCH EMPLOYEES

(20) A report that I have authorized the Comptroller to place the insurance covering persons engaged in cooperative research investigation with the United States Fidelity and Guaranty Company of Baltimore, through Monier and Morrissey of Champaign, at the rate of fifty cents per one hundred dollars per year. There were two other agencies which quoted this figure, viz: H. E. Wilcox representing the Globe Indemnity Company of Newark, New Jersey, and the Burt-Rovelstad Company representing the Commercial Casualty Insurance Company of Newark, New Jersey. Since the United States Fidelity and Guaranty Company of Baltimore is the oldest and strongest of those offering to take the insurance and because the assignment of insurance of this character to more than one company is inconvenient and more expensive, I authorized the Comptroller to place the insurance with the United States Fidelity and Guaranty Company through Monier and Morrissey at the rate quoted. The old insurance expired on April 2. The approximate amount of the insurance is \$100,000 and the approximate amount of the premium is \$500. The rate applies to the exact payroll and the cost is charged to the various funds provided for the cooperative investigations. The policy covers any new work that may be undertaken during the year as well as work now in progress.

On motion of Mr. Armstrong, this action was confirmed.

INSURANCE FOR UNIVERSITY AUTOMOBILES

(21) Pursuant to the policy of the Board adopted on March 13, 1928 (Minutes, page 565), the Supervising Architect and the Comptroller submitted to me a schedule of

bids received by them on property damage and liability insurance covering University automobiles. The lowest bid, \$769, was submitted by Boggs and Cogdal representing the Union Insurance Company of Indiana. The next bid was \$770.29 (only \$1.29 higher), submitted by W. R. Hidy, representing the Hartford Accident and Indemnity Company. The Union Insurance Company is small and rather new and the Supervising Architect and the Comptroller are of the opinion that it does not seem to be of sufficient strength and stability to warrant the University in placing insurance with it.

The Hartford Accident and Indemnity Company is a strong, well-established Company and they, therefore, requested authority to place the insurance with that Company at a cost of \$770.29. Since the old policy expired on April 5, 1930, I authorized them to place the insurance in accordance with their recommendation.

On motion of Mrs. Grigsby, this action was confirmed.

AWARD OF CONTRACT FOR FINISH HARDWARE IN CHEMISTRY ANNEX

(22) The Supervising Architect submits the following schedule of bids received for the finish hardware in the Chemistry Building Annex:

Holder Hardware Company, Bloomington, Illinois.....	\$1 600
Carl J. Werner, Danville, Illinois.....	1 940
Sargent & Company, Chicago, Illinois.....	1 975
Thos. Conron Hardware Company, Danville, Illinois.....	2 310

He recommends that the contract be awarded to the Holder Hardware Company of Bloomington, the lowest bidder, on the basis of their bid of \$1,600 for P. & F. Corbin hardware.

I recommend approval.

On motion of Mrs. Evans, this contract was awarded to the Holder Hardware Co., the lowest bidder, as recommended.

CONTRACT WITH LEONARD SEED COMPANY FOR ONION SEED

(23) A report that on recommendation of the Director of the Agricultural Experiment Station, I have authorized the Comptroller and the Secretary of the Board to execute a contract with the Leonard Seed Company which provides for the purchase of onion seeds from that Company for experimental work at the Cook County Experiment Station and the sale of the onion sets grown in the course of the experiments to the Company. The cost of the seeds will be deducted from the University's bill for the sets delivered at the close of the season. This is the usual way of handling matters of this kind and the contract is of the same form as a similar contract entered into last year.

I request confirmation of my action.

On motion of Mrs. Grigsby, this action was confirmed.

CONTRACTS WITH STATE BOARD FOR VOCATIONAL EDUCATION

(24) A report that I have authorized the Comptroller and the Secretary of the Board to execute contracts with the State Board for Vocational Education providing for the payment by the State Board of all incidental, tuition, and laboratory fees for Mr. Paul Sugar in the College of Law for one year from February 1, 1930, and the payment of the same fees for Mr. Donald M. Brown in the College of Agriculture for one and a half years beginning February 1, 1930. These contracts are of the same form and character as those which have been entered into in the past.

I request confirmation of my action.

On motion of Mrs. Evans, this action was confirmed.

CONTRACT FOR OPTICAL SERVICE IN DISPENSARY

(25) A report that pursuant to the authority granted by the Board on March 11, 1930 (Minutes, page 546), a contract for optical service at the Research and Educational Hospital has been made with the Riggs Optical Company.

This report was received for record.

EXTENSION OF AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(26) A report that I have authorized the extension of the following agreements for cooperative investigations:

1. An agreement with the Agricultural and Scientific Bureau N. V. Potash Export My. of Amsterdam for an investigation by the Agricultural Experiment Station of the use of potash salts as fertilizers. The original agreement was for a period of one year beginning April 1, 1929 (Minutes, page 197). I have authorized its extension for such a period as funds are provided for this purpose.

2. An agreement with the Ruhm Phosphate and Chemical Company for an investigation of the use of phosphate rock as fertilizer. The original agreement was approved by the Board on February 13, 1929 (Minutes, page 135). I have authorized the extension of the original agreement until February 1, 1931.

3. An agreement with the National Warm Air Heating & Ventilating Association for a cooperative investigation of warm air furnaces. The original contract for this investigation was approved July 17, 1918, and was subsequently extended at various times. I have authorized its further extension to April 1, 1931.

On motion of Mr. Trees, this action was confirmed.

COMPTROLLER'S REPORT OF CONTRACTS AND PURCHASE ORDERS

(27) The following report from the Comptroller of contracts and purchase orders executed since the last report was made:

*CONTRACTS EXECUTED BY THE COMPTROLLER
MARCH 6, 1930, TO APRIL 4, 1930*

Contract executed under special authorization of the Board of Trustees in meeting of March 11, 1930, recorded in minutes on pages 543 and 544:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
General Chemical Company	Contract prices, estimated total, \$2 500	February 3, 1930	Purchase of acids for year ending February 28, 1931

Cooperative research agreement executed on special authorization of the Board of Trustees in meeting of March 11, 1930, recorded in minutes on page 540:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Purpose</i>
Illinois Central Railroad Company and Locomotive Firebox Company of Chicago	\$7 000	April 3, 1930	For cooperative investigation of steam locomotive equipped with a Nicholson Thermic Syphon, by University Engineering Experiment Station.

Minor contract executed under general regulations:

<i>Name</i>	<i>Amount</i>	<i>Date</i>	<i>Item</i>
Leonard Seed Company	\$180 00	March 4, 1930	Purchase of onion seed and sale of onion sets.

*PURCHASE ORDERS ISSUED IN MARCH
AMOUNTING TO \$1 000 OR MORE*

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation Made in Budget For</i>	<i>Procedure</i>
W. A. Pickering	Heifers	\$1359 00	Animal Husbandry	Beef Cattle Station	Quoted Price ¹
Moser Paper Company	Paper	2565 00	Office Supply Store	Office Supply Store	Competitive ²
Sprague Sells Corporation	Canning Equipment	1560 00	Horticulture	Agricultural Special Equipment	Quoted Price ²
John Bean Manufacturing Company	Spraying Equipment	1397 70	Horticulture	Pomology College	Quoted Price ²
Western Newspaper Union	Distributing News Release	1123 29	Publicity	Publicity	Quoted Price ¹

¹Approved by President Kinley.

²Authorized by Board of Trustees, March 11, 1930.

H. M. EDWARDS
Purchasing Agent

This report was received for record.

REGISTRAR'S REPORT OF FEES, FIRST SEMESTER, 1929-1930

(28) The following report of the Registrar of fees assessed for the first semester of 1929-1930:

URBANA DEPARTMENTS			
	<i>Gross</i>	<i>Refund</i>	<i>Net Total</i>
Matriculation Fees.....	\$ 38 780 00	\$ 1 010 00	\$ 37 770 00
Incidental Fees			
Resident.....	210 237 50	6 837 50	203 400 00
Non-resident.....	54 787 50	2 193 75	52 593 75
Thesis work in Absentia.....	200 00		200 00
Tuition Fees.....	1 327 50	150 00	1 177 50
Visitor's Fees.....	273 75	3 75	270 00
Late Registration Fees.....	1 485 00	465 00	1 020 00
Change Fees.....	1 674 00		1 674 00
Special Examination Fees.....	945 00	15 00	930 00
Special Fee in English.....	35 00		35 00
Transcript of Credits Fee.....	255 50		255 50
Diploma Fees.....	3 950 00	40 00	3 910 00
<i>Total, General Fees, Urbana.....</i>	<i>\$313 950 75</i>	<i>\$10 715 00</i>	<i>\$303 235 75</i>
Laboratory Fees			
Agronomy.....	292 00	2 00	290 00
Anatomy.....	832 50	85 00	747 50
Athletic Coaching.....	679 00	46 00	633 00
Bacteriology.....	729 00	35 25	693 75
Botany.....	972 25	27 50	944 75
Ceramic Engineering.....	211 00	5 00	206 00
Chemistry.....	20 270 75	1 282 50	18 988 25
Civil Engineering.....	791 00	25 50	765 50
Dairy Husbandry.....	112 00	15 00	97 00
Electrical Engineering.....	666 00	19 50	646 50
Entomology.....	333 00	20 00	313 00
Farm Mechanics.....	229 50	32 75	196 75
French.....	7 50		7 50
General Engineering Drawing.....	1 005 50	69 25	936 25
Geology.....	499 50	17 25	482 25
Home Economics.....	1 457 00	36 75	1 420 25
Horticulture.....	630 00	26 75	603 25
Journalism.....	357 00	15 50	341 50
Law.....	10 00	2 00	8 00
Mechanical Engineering.....	1 845 50	36 75	1 808 75
Mining Engineering.....	27 50		27 50
Music.....	5 212 50	312 50	4 900 00
Physical Education (Women).....	2 536 50	84 00	2 452 50
Physics.....	2 715 50	158 50	2 557 00
Physiology.....	952 00	28 00	924 00
Psychology.....	54 00		54 00
Railway Engineering.....	33 00		33 00
T. & A. Mechanics.....	863 50	49 25	814 25
Zoology.....	1 766 13	78 37	1 687 76
<i>Total Laboratory Fees, Urbana.....</i>	<i>\$ 46 090 63</i>	<i>\$ 2 510 87</i>	<i>\$ 43 579 76</i>
<i>Total Fees, Urbana Departments.....</i>	<i>\$360 041 38</i>	<i>\$13 225 87</i>	<i>\$346 815 51</i>
CHICAGO DEPARTMENTS			
Matriculation Fees.....	\$ 3 520 00	\$ 120 00	\$ 3 400 00
Tuition Fees.....	68 553 95	2 462 86	66 091 09
Late Registration Fees.....	90 00	5 00	85 00
Transcript of Credits Fees.....	29 00		29 00
Special Examination Fees.....	165 00		165 00
Diploma Fees.....	440 00		440 00
<i>Total General Fees, Chicago.....</i>	<i>\$ 72 797 95</i>	<i>\$ 2 587 86</i>	<i>\$ 70 210 09</i>
Laboratory Fees.....	\$ 21 487 50	\$ 901 13	\$ 20 586 37
<i>Total Fees, Chicago Departments.....</i>	<i>\$ 94 285 45</i>	<i>\$ 3 488 99</i>	<i>\$ 90 796 46¹</i>
TOTAL FEES, UNIVERSITY.....	\$454 326 83	\$16 714 86	\$437 611 97

¹Does not include a total of \$14,550.12 charged as deposits, breakage, and locker fees. Of this amount \$606.12 was refunded.

This report was received for record.

GIFTS TO THE UNIVERSITY

(29) The following report of gifts received by the University:

1. From various public utilities companies (Commonwealth Edison Company, The Peoples Gas Light & Coke Company, Public Service Company of Northern Illinois, Central Illinois Public Service Company, and the Illinois Northern Utilities Company) an offer of \$5,000 per year for five years (from 1930 to 1934 inclusive) for the support of scholarships and fellowships in the economics of public utilities (other

than steam railroads). This is a renewal of a gift made for this purpose five years ago by these companies.

2. From the National Research Council an appropriation of \$1,500 toward the support of investigations on the amino acids which are being conducted by Professor W. C. Rose of the Department of Chemistry. This fund will be available for a two-year period and payments of \$375 will be made semi-annually.

3. From the family of the late Professor Stephen Alfred Forbes 490 bound volumes, 27 unbound volumes, and 159 pamphlets—all from Professor Forbes's library.

4. From Professor and Mrs. Morgan Brooks two bookcases which are good examples of the period to which they belong, and which are excellent examples of workmanship. They will be valuable and interesting as exhibits either in the Residence Halls or the Home Economics Department.

This report was received for record.

PROFESSIONAL DEGREE OF ENGINEER-PHYSICIST

(30) A recommendation from the University Senate, that the degree of Engineer-Physicist be established and offered as one of the professional second degrees in engineering following the degree of bachelor of science in Engineering Physics.

I recommend approval.

On motion of Mr. Trees, this recommendation was adopted.

PATENT OF HIGH-VOLTAGE CABLE TEST

(31) For the past year or two Professor E. B. Paine of the Department of Electrical Engineering has been working on a method of testing high-voltage cables, one of the research projects financed by the Utilities Research Commission. Honorable W. L. Abbott, Chairman of the Commission, is of the opinion that the method is patentable, that it would have some commercial value, and he suggests that the University take steps to protect it. My advisory committee on Patents recommends accordingly.

I recommend that Professor Paine be authorized to file an application for a patent covering his discovery on condition that it be assigned to the University.

On motion of Dr. Noble, this recommendation was adopted.

PATENT OF METHODS OF PURIFYING WATER FOR ICE-MAKING PURPOSES

(32) Doctor Dana Burks, Jr., Special Research Associate in Chemical Engineering, has been working on the purification of water for ice-making purposes. This is one of the projects financed by the Utilities Research Commission. He has developed two methods—one for the freezing of a clear ice block, and the other relating to the chemical treatment of water, both of which, according to the advice of our Patent Attorney are patentable.

I recommend that Doctor Burks be authorized to apply for patents entitled as follows:

"A New Procedure in the Production of Artificial Ice."

"A New Method for the Reduction of Total Solids from a Solution Containing Sodium Bicarbonate or Carbonate."

on condition that they be assigned to the University.

On motion of Mrs. Evans, this recommendation was adopted.

PETITION FOR SUNDAY SPORTS

(33) The following recommendation from the Council of Administration on the petition from the Inter-fraternity Council and the Woman's League of the University for the use of certain recreational facilities on Sunday. This petition was presented to the Board on March 11, 1930 (Minutes, page 538), and referred by the Board to the President of the University and the Council of Administration for investigation and report:

Dr. David Kinley, President

April 2, 1930

DEAR MR. PRESIDENT:

The Council of Administration has voted to recommend to the Board of Trustees that the University tennis courts and golf course be open for recreation on Sundays after one o'clock.

The basis for this action is the report of a special committee of the Council consisting of Deans Thompson and Harno and Director Huff, which was appointed to consider the matter. The report of the committee indicated that all but seven of twenty-four institutions which had been written allow some form of Sunday sports. The report also indicated that there was no objection on the part of local pastors or members of the Dads' Association, who had been written, to the specific things which the students asked for in their petition to the Board of Trustees.

Sincerely yours,

THOMAS ARKLE CLARK
Secretary

On motion of Mr. Trees, seconded by Mrs. Grigsby, the Board adopted the recommendation of the Council of Administration that the University tennis courts and golf course be open for recreation on Sundays after one o'clock.

PUBLIC HIGHWAY THROUGH ELIZABETHTOWN EXPERIMENT FIELD

(34) A request from the Department of Public Works and Buildings of Illinois for a right-of-way through a portion of the Agricultural Experimental Field located near Elizabethtown for public road purposes.

The location of this road through the field has been laid out by the State and local officials in consultation with representatives of the Agricultural Experiment Station staff in such a way that it will not seriously interfere with the experimental work in progress. The Director of the Agricultural Experiment Station recommends that permission be given the Department of Public Works to cut a highway through this field.

This land was deeded to the University for educational purposes. The deed provides, in substance, that if the property ceases for twenty-four months or more to be used as an experimental field, title shall revert to the grantor. The Legal Counsel reports that the Board has legal power to join the grantor of the land in a conveyance of an easement granting a right-of-way through this field and submits the document to be executed by the Board and by Mr. Robert A. Ledbetter, Trustee, who signed for the original donors.

I recommend that the Board of Trustees join in this conveyance.

On motion of Mrs. Evans, this recommendation was adopted, by the following vote: Aye, Mr. Armstrong, President Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emerson, Mr. Fisher, Mr. Simpson.

REDISTRIBUTION OF BALANCES IN PHYSICAL PLANT EXTENSION BUDGET

(35) The Supervising Architect requests the following redistribution of balances in the budget for Physical Plant Extension for 1929-30, as approved July 17, 1929 (Minutes, page 335). The reason is that in some lines the demand has been less than we anticipated and in others larger:

1. Transfer the free balance of \$4,500 remaining in the assignment for "Heat, Light, and Power Improvements" to the assignment for "Furniture and Fixtures."

2. Appropriate \$6,000 provided for paving and lighting assessments under "General" which was not necessary this year, for the purchase of additional refrigeration in the Vivarium Building.

3. Transfer the free balance of \$7,000 remaining in the other assignments under "General" to "Campus Improvements."

I recommend approval.

On motion of Mr. Armstrong, these transfers were authorized.

CONTRACT FOR LANDSCAPE ORNAMENTS

(36) The Supervising Architect has secured the following bids on architectural and landscape ornaments which were designed by Mr. Vitale and Mr. Platt to terminate the hedges which are being planted around the south campus buildings:

Architectural Decorating Co., Chicago.....	\$2 000
(Unit prices for piers.....)	\$20.00
(Unit prices for benches.....)	30.00

Geo. Rackle & Sons Co., Cleveland.....	2 512
Chicago Architectural Stone Co., Chicago.....	2 800

These bids were made on the basis of 70 piers and 20 seats. They are to be of artificial stone.

The Supervising Architect recommends the award of the contract to the Architectural Decorating Company of Chicago for 65 piers and 20 seats at a total price of \$1900, the cost to be paid from the Physical Plant Extension Budget.

I concur.

On motion of Mr. Trees, this contract was awarded as recommended.

INSURANCE ON CHEMISTRY BUILDING ANNEX

(37) On March 11 (Minutes, page 542), the Board authorized the placing of fire and tornado insurance on the Chemistry Building Annex, during its construction, with the Fidelity-Phoenix Fire Insurance Company through the Hayes-Atkinson Agency and Burt-Rovelstad Company at a rate of \$.38 per \$100. The Comptroller reports that the rate mentioned was quoted by a State agent of the company on whom the local agents relied in submitting their proposals and that the company is now unwilling to write the insurance at that rate and has declined to accept the order.

The next low bidder for this insurance was Boggs & Cogdal representing the Hartford Fire Insurance Company or the Phoenix Company of Hartford at a rate of \$.432 per \$100 less 10 per cent or a net cost of \$.3888 per \$100. The companies offered are old, strong, and reliable.

The Comptroller recommends, and I concur, that he be authorized to place the insurance with the Hartford Fire Insurance Company and the Phoenix Company of Hartford through the Boggs and Cogdal Agency on the basis indicated.

On motion of Mr. Armstrong, this recommendation was adopted.

ENTRANCE, GRADUATION, AND SCHOLARSHIP REQUIREMENTS IN THE COLLEGE OF LAW

(38) On recommendation of the Faculty of the College of Law, the University Senate recommends the following changes in the requirements for admission and graduation in the College of Law, and also the addition of certain scholarship requirements:

Admission

The following persons only are admitted as candidates for law degrees:

1. Graduates of Colleges and Universities of approved standing.
2. Students in the University of Illinois of senior standing having at least an average grade of C (3) who are permitted to select courses in law for the degree of Bachelor of Arts or for the degree of Bachelor of Science.

Scholarship Requirements

The grades given at the end of each course are indicated by the letters A, B, C, D, and E. These respectively represent the standing of students as Excellent, Good, Fair, Poor, and Failure.

For the purpose of computing the average grade of a student a system is employed in which the following values are assigned to the grades received: A equals 5; B equals 4; C equals 3; D equals 2; E equals 1. A student in the College of Law will be dropped from the University:

(1) If at the end of his first year of residence he has not secured an average of 3 in his work; (2) if at the end of his second year he has not secured an average of 3 in all of the law work he has taken up to that time; (3) if he fails in any semester to pass eight hours of the work in which he registered; or if he fails in a summer session to pass in four hours; (4) if registered in less than eight hours in a semester, or in less than four hours in a summer session, he does not pass in all his work. A student, who at the end of his third year of law study, has failed to secure an average of 3 in all law work taken by him in this University will be permitted to continue in this College only by special permission granted on petition. For the purpose of deter-

mining the eligibility of a student to remain in this College, work taken in summer session will be valued with the work of the following year. When taken after the student's third year of law study it will be valued with all of the law work he has taken previously in this University for the purpose of determining his eligibility for graduation.

Requirements for Graduation

Degree of Bachelor of Laws (LL.B.)

The degree of Bachelor of Laws will be conferred on students who having studied law for a period equal to three academic years obtain 84 law credits with an average grade of at least C (3) in such of those credits as were obtained in courses taken in this University.

Students in Other Colleges Electing Law Courses

A student registered in another college of the University who has an average grade of C (3), and who otherwise is eligible to enrollment in the College of Law may elect courses in law provided that not less than two courses amounting to at least five hours are taken per semester, under the advice of the dean of the College of Law as to the course to be taken, and provided, further, that if any such student desires to take more than six hours of law work, he must register in the College of Law and thus become subject to the regulations of that College.

It is recommended that the foregoing proposals become effective as follows:

1. That the proposed change in the requirements for admission shall go into effect on September 1, 1931.
2. That the proposed changes in the requirements as to scholarship in the first and second year shall go into effect at the beginning of the summer session of 1930.
3. That the proposed change in the requirements for graduation shall go into effect on January 1, 1932.
4. That the proposed change in the requirements for students in other colleges electing Law courses shall go into effect September 1, 1930.

On motion of Mrs. Grigsby, these requirements were adopted.

THEFT OF RUGS FROM WOMAN'S BUILDING

(39) The following report from the Supervising Architect on the theft of four rugs from the Woman's Building:

April 5, 1930

President David Kinley

MY DEAR PRESIDENT KINLEY:

Some time between 3:40 and 9:50 p.m. February 3 last, four rugs disappeared from the Upper Parlors of the Woman's Building. Their dimensions were as follows:

8½ x 12
10 x 13½
4 x 8
5½ x 11½

These rugs were, I think, purchased in 1913, and cost us about \$400. I say about, because there is a little doubt as to the descriptions of certain of the rugs. They have had pretty heavy wear, and the 5½ x 11½ runner was in bad condition. We have spent in the last two years \$150 in repairs on the twelve rugs which we had over there. The financial loss therefore is not very great.

On February 4, the local police departments and the Sheriff's office were notified and given a description of the rugs. On the 5th, we sent men to Mattoon and Decatur to present the case to the police departments there, and on the 6th, sent men to Danville, Kankakee, and Bloomington, and communicated with the Sheriffs' offices in McLean, Piatt, and Ford counties. In all of these cases an offer of \$50 was made for evidence that would result in the locating of the rugs. Since that time various local characters have been investigated, and in making a survey of the rooming houses the representatives of the Dean of Men have kept on the look-out for these rugs. We have not gotten any clues.

I do not think it advisable to attempt to replace these rugs, tho prices on Oriental rugs are now lower than they have been for years. For better identification of the rugs which we now have, we are going to have them photographed.

It has been suggested that the remaining eight rugs be used in furnishing the new President's house and that domestic rugs be used in the furnishing of the Upper Parlors. This seems to me to be a good suggestion.

Yours truly,
 JAMES M. WHITE
Supervising Architect

This report was received for record.

LETTER FROM MR. GEORGE W. MCCASKRIN

(40) A letter from Mr. George W. McCaskrin concerning the opening of sundry streets through the campus.

This matter was referred to the President of the University.

QUARTERLY REPORT OF THE COMPTROLLER

(41) The report of the Comptroller for the quarter ending March 31, 1930.

**QUARTERLY REPORT OF THE COMPTROLLER TO THE
 BOARD OF TRUSTEES**

QUARTER ENDED MARCH 31, 1930

SUMMARY

Reserve and Contingent Fund

The unappropriated balance of the Reserve and Contingent Fund (estimated excess of income of the year over appropriations) at the close of the quarter was \$190,118, as per Schedule A. The balance at the corresponding date a year ago was \$113,168.

Budget Income

Realization of the budget income for the quarter, as per Schedule B, was as follows:

	<i>Estimate For Year</i>	<i>Per Cent of Year's Estimate Realized</i>	
		<i>This Year</i>	<i>Same Date Last Year</i>
State Appropriations for Operation (Per Cent realized represents portion ex- pended to March 31, 1930).....\$4	765 000	71.3	79.8
Federal Funds.....	455 671	91.5	87.2
Student Fees.....	860 000	94.5	93.6
Agricultural Sales			
Credited to Revolving Accounts.....	135 000	75.4	77.1
Credited to Budget Income.....	129 750	69.0	82.3
Miscellaneous Sales and Receipts.....	100 000	77.9	79.3

Treasurer's Balance

The cash balance in all funds held by the University Treasurer at the close of the quarter, allowing for outstanding warrants, was \$1,154,080, Schedule C. On the corresponding date a year ago, the balance was \$1,386,300. Of the present balance, \$995,114 represents general University funds, Federal funds, and residence hall funds, and \$158,966 represents trust funds.

Budget Expenditures

Board appropriations to departments for the current fiscal year total \$6,270,055, including salaries \$4,120,509, expense and equipment \$2,149,546. These were 69.2% expended at the end of the quarter, and 2.1% encumbered. (Included in Schedule D.) On the corresponding date a year ago these appropriations were 69.8% expended and 2.1% encumbered.

Trust Funds

Endowment funds from private gifts for special purposes (see Schedule F) are distributed as follows:

Educational Endowments.....	\$121 592
Student Loan Endowments (Of which \$177,958 was outstanding in student notes at the end of the quarter).....	182 150
Scholarship and Prize Endowments.....	84 556
Other Endowments.....	80 031
<i>Total</i>	<u>\$468 329</u>

Indebtedness on Property

Outstanding indebtedness on University property at the end of the quarter consisted solely of 6% bonds totalling \$49,400 on the Dental Building in Chicago, due in 1932.

Residence Halls

A summary of the operations in the residence halls for the year to March 15, 1930, is shown as Appendix I. The balance from operations in the residence halls at the end of the quarter was \$182,052, and in the Davenport House \$13,216.

Stadium Fund

An Appendix is included giving the report of the Memorial Stadium Fund, of which the Board of Trustees is custodian. (See Appendix II.)

LLOYD MOREY
Comptroller

SCHEDULE A
STATEMENT OF RESERVE AND CONTINGENT FUND
FOR THE QUARTER ENDED MARCH 31, 1930

Balance forward December 31, 1930.....		\$258 514 60	
Add:			
Adjustments in Salary Budget			
Mechanical Engineering (Error in total in the Printed Budget, Board Minutes July 17, 1929, page 300).....	\$	50 00	
Anatomy (Board Minutes October 10, 1929, page 398, appropriated \$1,600.00, but \$1,658.33 was set up).....		58 33	
Lapsed 1928-29 Balances (previously carried forward to cover encumbrances but not used).....	2 425 46		2 533 79
			\$261 048 39
Deduct:			
Reduction in Budget Appropriation of Federal Capper-Ketcham Funds.....	12 571 51		
Less: Reduction in Estimated Income (Board Minutes, February 20, 1930, page 531).....	12 571 51		
Appropriations made by Board of Trustees			
January 7 and 11, 1930			
Alumni Directory (Honorarium for C. J. Roseberry) (page 478).....	1 000 00		
President's House (page 492).....	50 000 00		
February 5, 1930			
College of Medicine Reprints (page 509).....	500 00		
Automobile for President (page 523).....	3 535 00		
March 11, 1930			
Alumni Directory (additional).....	1 200 00		
Archaeological Explorations (additional).....	3 000 00		
Graduate Research, Professor W. C. Rose.....	2 500 00		
March 21, 1930 (Executive Committee)			
Chicago Building Operation (Retiring Allowance for Rudolph Meseck).....	420 00	62 155 00	
Adjustments in Salary Budget			
Pathology and Bacteriology (to set up appropriation of December 4, 1929, page 448).....	3 580 00		
Physiology (Medicine) (to set up appropriation of December 12, 1929, page 461).....	1 200 00		
Physiological Chemistry (balance of appropriation of October 10, 1929, page 398).....	2 640 00		
Engineering Experiment Station (error in total in Printed Budget, Board Minutes July 17, 1929, page 307).....	40 00		
Pharmacy (error in total in Printed Budget, Board Minutes July 17, 1929, page 335).....	820 00		
Dispensary (appointment of Irene Chott, Board Minutes February 20, 1930, page 532).....	320 00		
Philosophy (appointment of Oskar Kubitz, Board Minutes February 20, 1930, page 533).....	175 00	8 775 00	70 930 00
Balance March 31, 1930 (to Schedule II).....			<u>\$190 118 39</u>

SCHEDULE B
REALIZATION OF INCOME FOR OPERATIONS
 1929-30 TO MARCH 31, 1930

	<i>Budget Estimate</i>	<i>Realized to Date</i>	<i>Unrealized Balance (See Sch. H)</i>
<i>State Funds</i>			
From Mill Tax	\$2 750 000 00	\$1 396 081 83	\$1 353 918 17
From General Revenue	2 015 000 00	2 000 967 86	14 032 14
<i>Total, State</i>	(4 765 000 00)	(3 397 049 69)	(1 367 950 31)
<i>Federal Funds</i>			
From U. S. Treasurer			
Smith-Lever Fund	239 624 34	239 624 34	
Capper-Ketcham Fund	27 595 97	27 595 97	
Hatch-Adams Funds	30 000 00	22 500 00	7 500 00
Purnell Fund	60 000 00	45 000 00	15 000 00
From State Treasurer			
Interest on Endowment Fund	32 450 66	32 450 66	
Morrill-Nelson Funds	50 000 00	50 000 00	
From State Board for Vocational Education (Smith-Hughes)	16 000 00		16 000 00
<i>Total, Federal</i>	(455 670 97)	(417 170 97)	(38 500 00)
<i>Student Fees</i>	860 000 00	813 044 96	46 955 04
<i>Sales</i>			
Credited to Departments			
Agriculture	120 680 00	101 763 62	18 916 38 ¹
Other Departments		9 402 95	9 402 95 ^{1,2}
Credited to Estimated Agricultural Sales	129 750 00	89 528 36	40 221 64
Credited to General Income	100 000 00	77 911 01	22 088 99
Credited to Estimated Income from Creamery Surplus	14 320 00		14 320 00 ³
<i>Total, Sales, etc.</i>	(364 750 00)	(278 605 94)	(86 144 06)
McKinley Endowment	5 400 00		5 400 00 ⁴
<i>Grand Total</i>	<u>\$6 450 820 97</u>	<u>\$4 905 871 56</u>	<u>\$1 544 949 41</u>

*Deduct.

¹No budget estimate set up.

²Credited direct to revolving accounts, not carried as separate items on Balance Sheet.

³To be transferred from Creamery Operating Account June 30, 1930.

⁴To be transferred from Trust Funds June 30, 1930.

SCHEDULE C
SUMMARY OF RECEIPTS AND DISBURSEMENTS
1929-30 TO MARCH 31, 1930

Funds in Possession of University	Balance July 1, 1929 and Adjustments	Receipts and State Appropri- ations	Disburse- ments	Balance March 31, 1930
<i>Treasurer</i>				
General Fund.....	\$ 741 577 87	\$1 849 173 09	\$1 595 636 65	\$ 995 114 31
Trust Fund.....	116 960 39	230 710 14	188 704 84	158 965 69
<i>Total</i>	(858 538 26)	(2 079 883 23)	(1 784 341 49)	(1 154 080 00)
<i>State Appropriations</i>				
<i>For Operation</i>				
Salaries and Wages.....		3 515 000 00	2 461 081 82	1 053 918 18
Office Expense.....		150 000 00	123 120 58	26 879 42
Travel.....		35 000 00	29 867 23	5 132 77
Operation.....		485 000 00	351 719 62	133 280 38
Repairs.....		160 000 00	109 580 56	50 419 44
Equipment.....		290 000 00	233 685 87	56 314 13
Improvements.....		130 000 00	87 994 01	42 005 99
<i>Total, Operation</i>		(4 765 000 00)	(3 397 049 69)	(1 367 950 31)
<i>For Buildings</i>				
<i>1927-29</i>				
Library Building Addition..	38 019 78		38 019 78	
Lincoln Hall Addition.....	270 637 12		270 637 12	
Materials Testing Labora- tory.....	185 430 05		185 430 05	
<i>1929-31</i>				
Agricultural Buildings.....		115 000 00	32 980 66	82 019 34
Chemistry Annex.....		335 000 00	13 333 28	321 666 72
Medical and Dental Labo- ratories.....		1 500 000 00	16 590 39	1 483 409 61
Power Plant Addition.....		250 000 00	8 947 51	241 052 49
Woman's Gymnasium.....		300 000 00	15 184 24	284 815 76
<i>Total, Buildings</i>	(494 086 95)	(2 500 000 00)	(581 123 03)	(2 412 963 92)
<i>For Special Purposes</i>				
<i>Agricultural Experiment Sta- tion, Cook County</i>				
1928-29.....	419 30		419 30	
1929-30.....		10 000 00	7 243 53	2 756 47
<i>Total, State</i>	(494 506 25)	(7 275 000 00)	(3 985 835 55)	(3 783 670 70)
<i>Grand Total</i>	\$1 353 044 51	\$9 354 883 23	\$5 770 177 04	\$4 937 750 70

SCHEDULE D
SUMMARY OF APPROPRIATIONS AS AT
MARCH 31, 1930

	Total Credits	Disbursements	Encumbrances	Free Balance
Administration and General.....	\$ 445 654 77	\$ 308 599 92	\$ 13 451 65	\$ 123 603 20
Library.....	245 540 37	189 924 89	14 853 93	40 761 55
Agriculture				
University Appropriation.....	1 185 255 29	810 383 53	33 962 65	340 909 11
U. S. Extension.....	286 662 84	181 113 06	3 131 46	102 418 32
Liberal Arts and Sciences.....	1 179 121 50	828 475 12	6 050 98	344 595 40
Engineering.....	721 725 08	505 442 13	21 234 63	195 048 32
Graduate School.....	88 254 59	45 167 63	8 922 29	34 164 67
Medicine, Dentistry, and Pharmacy..	835 257 47	588 588 12	17 238 62	229 430 73
Journalism.....	29 044 00	19 505 96	380 90	9 157 14
Law.....	94 294 22	65 574 62	3 187 98	25 531 62
Library School.....	28 781 86	21 035 21	215 00	7 531 65
Military.....	22 620 43	10 417 08	498 14	11 705 21
Music.....	65 529 71	49 743 88	158 60	15 627 23
Education.....	188 961 73	130 836 57	1 868 00	56 257 16
Summer Session 1929.....	37 926 92	37 926 92		
Summer Session 1930.....	84 000 00	1 775 06	330 00	81 894 94
Commerce.....	225 062 10	154 912 00	996 22	69 153 88
Physical Welfare.....	129 030 10	92 638 31	2 109 45	34 282 34
Physical Plant Operation and Maintenance.....	682 134 00	489 767 34		192 366 66
Sub-total.....	6 574 856 98	4 531 827 35	128 590 50	1 914 439 13
Land, Buildings, and Improvements				
Special State Building Appropriations.....	2 995 264 63	571 782 52	371 768 41	2 049 713 70
Other Appropriations.....	335 067 92	220 342 27	32 413 11	82 312 54
Grand Total.....	\$9 905 189 53	\$5 325 952 14	\$532 772 02	\$4 046 465 37

SCHEDULE E
STATEMENT OF THE STORES AND REVOLVING ACCOUNTS
AS AT MARCH 31, 1930

	Balance July 1, 1929	Disbursements	Credits from Department Requisitions and Sales	Balance March 31, 1930
Storerooms.....	\$113 117 54	\$ 277 612 04	\$ 270 015 27	\$120 714 31
Service Departments.....	41 780 02	1 283 058 75	1 294 460 83	30 377 94
Revolving Accounts.....	5 262 48*	11 395 45	10 506 68	4 373 71*
Total.....	\$149 635 08	\$1 572 066 24	\$1 574 982 78	\$146 718 54

*Credit Balance.

SCHEDULE F
SUMMARY OF TRUST ENDOWMENT FUNDS
AS AT MARCH 31, 1930

	Total	Separate Investments and Receivables	Group Investments	Cash Balances
Professorial and Lectureship Endowments.....	\$121 592 16	\$104 994 42	\$14 691 74	\$1 906 00
Student Loan Endowments.....	182 150 22	179 307 82		2 842 40
Scholarship, Fellowship, and Prize Endowments.....	84 556 27	27 427 17	57 129 10	
Miscellaneous Endowments.....	80 030 71	73 550 00	6 480 71	
Sub-total.....	468 329 36	385 279 41	78 301 55	4 748 40
Cash Balances Subject to Group Investment			-206 96	206 96
Grand Total.....	\$468 329 36	\$385 279 41	\$78 094 59	\$4 955 36

SCHEDULE G
SUMMARY OF EXPENDABLE TRUST AND SPECIAL FUNDS
AS AT MARCH 31, 1930

	Total Fund Balance (Cash)	Encumbrances	Free Balance
Professorial and Lectureship Endowments Income.....	\$ 6 372 26		\$ 6 372 26
Student Loan Endowments Income (subject to annuity).....	169 74		169 74
Scholarship, Fellowship, and Prize Endowments Income.....	3 639 13	\$ 80 50	3 558 63
Miscellaneous Endowments Income.....	3 988 50	102 50	3 886 00
Building and Improvements Funds.....	697 44	10 75	686 69
Research Gifts.....	36 916 83	2 648 89	34 267 94
Scholarship, Fellowship, and Prize Gifts.....	5 030 66		5 030 66
Other Expendable Funds.....	39 594 34	90 90	39 503 44
Deposit Funds.....	66 601 43	275 00	66 326 43
Grand Total.....	\$154 010 33	\$3 208 54	\$150 801 79

SCHEDULE H
BALANCE SHEET AS AT
MARCH 31, 1930

ASSETS

I. General and Building Funds			
Cash with University Treasurer (Sch. C)		\$ 995 114 31	
Petty Cash Funds		30 600 00	
Balance in State Appropriation (Sch. C)			
For Operation	\$1 367 950 31		
For Buildings	2 412 963 92		
For Special Purposes	2 756 47	3 783 670 70	
Stores and Service Departments (Sch. E)		146 718 54	
Loan to McKinley Hospital (Trust Fund)		12 317 00	
Accounts Receivable		28 033 41	
Estimated Income from: (Sch. B)			
Smith-Lever, Hatch-Adams, Purnell, and Capper-Ketcham U.S. Appropriations	22 500 00		
State Board of Vocational Education (Smith-Hughes)	16 000 00		
Fees	46 955 04		
Agricultural Sales	40 221 64		
Creamery Surplus	14 320 00		
Trust Endowments	5 400 00		
Miscellaneous	22 088 99	167 485 67	\$ 5 163 939 63
II. Trust Funds			
Cash with University Treasurer (Sch. C)		158 965 69	
Notes Receivable		177 957 82	
Investments			
Stocks and Bonds	238 866 18		
Land	46 550 00	285 416 18	622 339 69
III. Endowment Fund			
Endowment Fund (in possession of State Auditor) from Land Grant of 1862			649 012 91
IV. Plant and Property			
Plant and Property (July 1, 1929)			23 641 385 91
<i>Total Assets</i>			<u>\$30 076 678 14</u>

LIABILITIES AND SURPLUS

I. General and Building Funds			
Appropriation Balances (Sch. D)			
Encumbered	\$ 532 772 02		
Unencumbered	4 046 465 37	\$4 579 237 39	
Reserve for Extension Petty Cash Funds		1 200 00	
Reserve for Stores		122 360 64	
Reserve for Loan to Trust Fund		12 317 00	
Residence Hall and Hospital Balances		241 852 09	
Unappropriated Agricultural Income		16 854 12	
Unappropriated Income (Reserve and Con- tingent Fund) (Sch. A)		190 118 39	\$ 5 163 939 63
II. Reserve for Trust Funds			
Due General Funds for Repayment of Loan		12 317 00	
Expendable Funds (Sch. G)		154 010 33	
Non-Expendable Funds (Sch. F)	468 329 36		
Less: Loan from General Funds (above)	12 317 00	456 012 36	622 339 69
III. Reserve for Endowment Fund			
			649 012 91
IV. Bonds and Surplus			
Dental Property Bonds		49 400 00	
Surplus Invested in Fixed Assets		23 591 985 91	23 641 385 91
<i>Total Liabilities and Surplus</i>			<u>\$30 076 678 14</u>

**APPENDIX I
RESIDENCE HALLS
SUMMARY OF OPERATIONS
TO MARCH 15, 1930**

	<i>Woman's Residence Halls</i>	<i>Davenport House</i>	<i>Total</i>
Summer Session Surplus.....	\$ 2 017 11		\$ 2 017 11
Winter Term Surplus:			
September 12 to October 15, 1929.....	6 413 64	\$ 758 19	7 171 83
October 15 to November 15, 1929.....	7 062 08	1 132 19	8 194 27
November 15 to December 15, 1929.....	5 457 31	851 64	6 308 95
December 15 to January 15, 1930.....	3 637 24	530 63	4 167 87
January 15 to February 15, 1930.....	6 334 60	1 048 88	7 383 48
February 15 to March 15, 1930.....	5 456 83	932 28	6 389 11
<i>Total Surplus from Operations, 1929-30 to March 15, 1930</i>	<i>36 378 81</i>	<i>5 253 81</i>	<i>41 632 62</i>
Deduct:			
Extraordinary Repairs, Equipment, Remodeling and August 15-September 15, 1929, Expense.....	5 287 04	4 477 63	9 764 67
Unused 1929-30 Surplus from Operations.....	31 091 77	776 18	31 867 95
Add:			
Balance forward June 15, 1929.....	150 960 70	12 439 77	163 400 47
<i>Surplus as at March 15, 1930.....</i>	<i>\$182 052 47</i>	<i>\$13 215 95</i>	<i>\$195 268 42</i>

**APPENDIX II
STATEMENT OF MEMORIAL STADIUM FUND
AS AT MARCH 31, 1930**

	<i>Receipts and Disbursements</i>		
	<i>Prior to July 1, 1929</i>	<i>July 1, 1929 to March 31, 1930</i>	<i>Total to Date</i>
<i>Receipts</i>			
From Subscriptions.....	\$1 672 098 35	\$ 4 053 85	\$1 676 152 20
From Donations.....	5 071 92		5 071 92
From Interest.....	27 109 06	199 79	27 308 85
From Loans.....	32 500 00	3 500 00*	29 000 00
<i>Total Receipts.....</i>	<i>1 736 779 33</i>	<i>753 64</i>	<i>1 737 532 97</i>
<i>Disbursements</i>			
Office Collection Expense.....		30 13 ¹	30 13 ¹
Construction.....	1 735 635 78		1 735 635 78
<i>Total Disbursements.....</i>	<i>\$1 735 635 78</i>	<i>\$ 30 13</i>	<i>\$1 735 665 91</i>
<i>Cash Balance.....</i>			<i>1 867 06</i>

Balance Sheet

<i>Assets</i>			
Cash.....		\$ 1 867 06	
Due from Pledge Installments			
Past Due Installments.....	\$480 869 19		
Future Installments.....	3 239 00	484 108 19	
Due from Athletic Association for Office Expense...		30 13	
<i>Total Assets.....</i>			<i>\$486 005 38</i>
<i>Liabilities and Surplus</i>			
Notes Payable.....			29 000 00
<i>Excess of Assets (including Unpaid Pledges) over Liabilities.....</i>			<i>\$457 005 38</i>

*Deduction due to repayment of loan.

¹To be refunded by Athletic Association.

This report was received for record.

REPORT, CARTER-PENNELL FARMS

(42) The annual report on the operation of the Carter-Pennell farms.

On motion of Mr. Armstrong, this report was referred to the Committee on Agriculture for consideration and report.

PURCHASE OF MONOTYPE MACHINE

(43) A request for authority to purchase a Monotype composing machine for the Print Shop at a cost (including freight, installation, and motor) not to exceed \$3500. The money for this purchase was appropriated in the special equipment budget for the current year.

On motion of Dr. Noble, this purchase was authorized on terms to be approved by the President of the University and the Director of the University Press.

COMPANIES FURNISHING SURETY BONDS

(44) The semi-annual report of the Comptroller of companies furnishing surety bonds to the University.

On motion of Mr. Armstrong, this report was referred to the Finance Committee for consideration and report.

DEATH BENEFIT FOR MISS MARY L. BLACKWELL

(45) I regret to report that Miss Mary L. Blackwell, Clerk in the Department of Chemistry, died on April 7. She had been in the employ of the University since September 1, 1912, and had been on leave of absence without pay since September 16, 1929, on account of illness. The death benefit allowance in her case is fifty per cent of her salary or \$630.

I recommend that an appropriation of \$630 be made from the Reserve and Contingent Fund and that the Comptroller be authorized to make payment to Miss Blackwell's designated beneficiary.

On motion of Mrs. Evans, this recommendation was adopted. The appropriation was made by the following vote: Aye, Mr. Armstrong, President Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher, Mr. Simpson.

PERMISSION TO CONSTRUCT TENNIS COURTS

(46) A request from the Athletic Association, transmitted by Professor White for Director Huff, for permission to construct, at the expense of the Association, six concrete tennis courts west of the Library and south of Armory Avenue.

On motion of Mr. Trees, this construction was authorized.

TIME OF MAY MEETING

On motion of Dr. Noble, it was voted to hold the May meeting at the University, in Urbana, at 10 o'clock a.m. on Friday, May 9, 1930.

GRADUATE SCHOLARSHIPS AND FELLOWSHIPS

The Secretary presented for record the following list of appointments to graduate scholarships and fellowships made by the President of the University.

B. O. & O.	James D. Knox	Scholarship	\$300
Chemistry	Brunner C. Becker	Fellowship	500
	Louis H. Bock	Carr Fellowship	750
	Benton A. Bull	Scholarship	300
	Donald W. Davis	Fellowship	500
	Bernard S. Friedman	Scholarship	300
	Clay M. Greer	Fellowship	500
	Vernal R. Hardy	Fellowship	400
	Birtill A. Lloyd	Scholarship	300
	Lester W. A. Meyer	Scholarship	300
	Linwood A. Murray	Fellowship	400
	Wilbur I. Patterson	Scholarship	300
	Harris E. Phipps	Fellowship	500
	Bernard G. Smith	Fellowship	400
	Frank J. Smith	Scholarship	300
	Joseph G. Stampfli	Fellowship	500
	John C. Zimmer	DuPont Fellowship	750

Classics	Robert O. Fink	Scholarship	300	
	Stephen W. Paine	Scholarship	300	
	Donald E. Strout	Scholarship	300	
	Katharine Tubbs	Fellowship	400	
	Kenton F. Vickery	Fellowship	500	
Economics	C. Stanley Corey	Scholarship	300	
	Geraldine M. Elliott	Scholarship	300	
	William H. Newman	Scholarship	300	
Education	Doris S. Klein	Scholarship	300	
	Don C. Allen	Fellowship	500	
English	Florence E. Burgwin	Scholarship	300	
	Catherine S. Cossum	Scholarship	300	
	Daisy Falkenstein	Scholarship	300	
	Richard Foley	Scholarship	300	
	Byron H. Gibson	Fellowship	500	
	Einar I. Haugen	Fellowship	500	
	Georgine B. McDonald	Scholarship	300	
	German History	Paul G. Krauss	Scholarship	300
		Frank H. Allen	Scholarship	300
		Iris G. Bailey	Scholarship	300
		Karl C. Dod	Scholarship	300
		Frederick H. Haye	Scholarship	300
		Ruth E. Parsons	Fellowship	400
		Mary E. Paul	Scholarship	300
		Beatrice N. Siedschlag	Scholarship	300
Evelyn L. Steketec		Scholarship	300	
William H. Childs		Scholarship	300	
Horticulture Mathematics	John H. Butchart	Fellowship	400	
	C. Ronald Cassity	Scholarship	300	
	Josephine H. Chanler	Fellowship	400	
	Harry E. Crull	Scholarship	300	
	William T. Martin	Scholarship	300	
	Ella M. Meythaler	Scholarship	300	
	Mary B. Rumsey	Fellowship	400	
	Harriet M. Runge	Scholarship	300	
	Physics	Martin J. Arvin	Fellowship	400
		Benjamin F. Carter	Scholarship	300
John R. Kerry		Fellowship	400	
Political Science	Watt Myers	Scholarship	300	
	Robert J. Harris	Scholarship	300	
	Lucretia L. Ilsley	Fellowship	500	
	John F. Miller	Fellowship	400	
	Alden L. Powell	Fellowship	400	
Psychology	Glen Finch	Scholarship	300	
	Donald E. Swanson	Scholarship	300	
Romance Lang.	Dorothy L. Anderson	Scholarship	300	
	Beatrice C. Bedard	Scholarship	300	
	Helen Cleaver	Scholarship	300	
	Beulah M. G. Magnotta	Fellowship	400	
	Dorothy M. Ralph	Scholarship	300	
Zoology	Eleanore F. Hancher	Fellowship	500	
	Daniel I. Rasmussen	Fellowship	400	
Economics of Public Utilities	Berton N. Behling	Fellowship	800	
	Henry W. Blalock	Fellowship	800	
	Clyde S. Casady	Scholarship	400	
	Lowell F. Huelster	Fellowship	800	
	Leonard R. Koser	Scholarship	400	
	Robert W. Mayer	Scholarship	400	
	Barent Springsted	Scholarship	400	
	Leonard M. Zingler	Fellowship	800	

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented also for record a list of appointments made by the President of the University.

Butz, Lewis W., to give instruction in Chemistry in the Summer Session of 1930, on one-half time, beginning June 16 and ending August 9, 1930, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (March 13, 1930)¹

Clemens, Eugene Charles, Special Research Graduate Assistant in Ceramic Engineering, in the Engineering Experiment Station, in the College of Engineering, beginning March 1, 1930, and continuing until February 1, 1931, not including July and August, at a cash compensation at the rate of sixty dollars (\$60) a month. (March 19, 1930)

Coleman, E. C., to give instruction in English, in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of three hundred dollars (\$300) for the session. (March 20, 1930)

Ewer, S. J., to give instruction in Botany in the Summer Session of 1930, on one-half time, beginning June 16 and ending August 9, 1930, at a cash compensation of two hundred dollars (\$200) for the session. (March 20, 1930)

Evans, Florence, to give instruction in Bacteriology in the Summer Session of 1930, on one-half time, beginning June 16 and ending August 9, 1930, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (March 20, 1930)

Gall, Jean, Stenographer, in the Comptroller's Office, for five months beginning April 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred five dollars (\$105) a month. (March 13, 1930)

Houghton, N. D., to give instruction in Political Science in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of seven hundred dollars (\$700) for the session (this supersedes his previous appointment). (March 20, 1930)

McLellan, Elleine H., (Mrs.), to give instruction in Library Science in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of four hundred dollars (\$400) for the session. (March 13, 1930)

Nelson, Tell, Instructor in Internal Medicine, in the College of Medicine, beginning April 15, 1930, and continuing until September 1, 1930, without salary. (April 7, 1930)

Nolan, A. W., to give instruction in Agricultural Education in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of seven hundred fifty dollars (\$750) for the session. (March 20, 1930)

Sass, Emma A., Typist and Filing Clerk, in the Order Department of the Library, beginning March 10, 1930, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (March 13, 1930)

Scott, Hortense, Payroll Clerk in the Business Office, beginning April 8, 1930, and continuing until September 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred dollars (\$100) a month (this supersedes her previous appointment). (March 29, 1930)

Shelton, Wilma Loy, to give instruction in Library Science in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of five hundred dollars (\$500) for the session. (March 31, 1930)

Stanley, W. M., to give instruction in Chemistry in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of four hundred fifty-eight dollars and thirty-five cents (\$458.35) for the session. (March 13, 1930)

Walons, Marie, Telephone Switchboard Operator and Stenographer, in the Chicago Purchasing Office, for six months beginning March 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month. (March 13, 1930)

Walter, Mabel R., to give instruction in Zoology, in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of two hundred fifty dollars (\$250) for the session. (March 13, 1930)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Woodrow, H. W., to give instruction in Chemistry in the Summer Session of 1930, on one-half time, beginning June 16 and ending August 9, 1930, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (March 13, 1930)

Woodruff, Eugene H., to give instruction in Chemistry in the Summer Session of 1930, on one-half time, beginning June 16 and ending August 9, 1930, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (March 13, 1930)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

GEORGE A. BARR
President

EXECUTIVE COMMITTEE MEETING, APRIL 10, 1930

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 3:45 p.m. on Thursday, April 10, 1930. Mr. George A. Barr, Chairman, Mr. Armstrong, and Mrs. Evans were present; also President Kinley.

APPROPRIATION FOR BACTERIOLOGY

On recommendation of President Kinley, and on motion of Mrs. Evans, the Executive Committee appropriated \$2300 from the Reserve and Contingent Fund for the expense and equipment account of the Department of Bacteriology. The vote was unanimous, on roll call.

COMMITTEE ON AGRICULTURE

Mr. Barr announced his action appointing Mr. Simpson to be chairman of the standing committee on Agriculture, designating Mrs. Grigsby to act as chairman until Mr. Simpson's return from abroad, and designating Mrs. Evans to be the third member of this committee for the rest of the year.

The Executive Committee adjourned.

H. E. CUNNINGHAM
Clerk

GEORGE A. BARR
Chairman

J. W. ARMSTRONG
LAURA B. EVANS

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

May 9, 1930



The May meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 10 o'clock a.m. on Friday, May 9, 1930. The following members were present: President Barr, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of April 9, 1930, and of the meeting of the Executive Committee of April 10, 1930.

On motion of Mr. Trees, the minutes were approved and received for record as printed on pages 555 to 578 above.

AMENDMENTS TO BY-LAWS

President Barr presented drafts of amendments to Articles IV and V of the By-Laws of the Board, to provide for a standing committee on patents, and to make the term of the President of the University indefinite in accordance with the present law of the State. These amendments were adopted later in the day (see page 590).

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

APPOINTMENTS TO THE FACULTY FOR 1930-31

- (1) I request approval of the following major appointments to the staff for 1930-31.
1. Dr. Royal Ewert Montgomery, at present a lecturer at the University of Chicago, to be Assistant Professor of Economics for one year beginning September 1, 1930, at a salary of \$3,000 a year.
 2. Dr. C. W. Stillwell, a graduate of Cornell University and at present doing research work at the University of Illinois, to be Associate in Chemistry for one year beginning September 1, 1930, at a salary of \$2800 a year.
 3. Dr. R. H. Lounsbury, at present Associate Professor of Economics at Lawrence College, to be Instructor in Economics for ten months beginning September 1, 1930, at a salary of \$2400 for the period.
 4. Dr. Sybil Woodruff, Assistant Professor of Home Economics at the University of California, to be Assistant Professor of Home Economics, in the College of Agriculture, and Assistant Chief in Foods, in the Agricultural Experiment Station for one year from September 1, 1930, at a salary of \$3500 a year.

On motion of Mrs. Evans, these appointments were approved.

LEAVE OF ABSENCE FOR PROFESSOR A. G. ANDERSON

- (2) A request from Associate Professor A. G. Anderson of the Department of Business Organization and Operation, concurred in by the Head of the Department and the Dean of the College of Commerce, that he be given leave of absence during the academic year 1930-31 without pay. Professor Anderson wishes to spend the year in doing research and finishing work for his doctorate.

I recommend that this leave be granted.

On motion of Mr. Trees, this leave was granted.

APPOINTMENTS OF ACTING DEAN OF THE COLLEGE OF EDUCATION AND DIRECTOR OF THE SUMMER SESSION

- (3) A report that I have asked Dr. W. S. Monroe, Professor of Education and Director of the Bureau of Educational Research, to take over the work of the Dean of the College of Education for the rest of the academic year and that I have asked Dr. Edward H. Cameron, Professor of Educational Psychology, to take over the Directorship of the Summer Session.

I request approval.

On motion of Mrs. Grigsby, this action was approved.

APPOINTMENT OF DONALD PORT AYRES AS PLYM FELLOW

- (4) A recommendation from the Plym Fellowship Committee, concurred in by the Dean of the College of Engineering, that Mr. Donald Port Ayres, who graduated in February, 1929, be appointed the seventeenth Francis J. Plym Fellow in Architecture.

I recommend approval.

On motion of Mr. Armstrong, this appointment was approved.

APPROPRIATION OF PURNELL RESERVE FUND

- (5) In the budget for the present year a portion of the Purnell Fund was set aside as a contingent fund and reserve subject to appropriation later. The Dean of the College of Agriculture now requests that this contingent reserve fund be appropriated as follows:

To Agricultural Economics Purnell Expense and Equipment....	\$33 45
Animal Husbandry Purnell Expense and Equipment.....	200 16
Dairy Husbandry Purnell Expense and Equipment.....	300 00
Farm Organization and Management Purnell Expense and Equipment.....	1 730 00
Home Economics Purnell Expense and Equipment.....	2 900 00
Horticulture Purnell Expense and Equipment.....	67 50

I recommend approval.

On motion of Mrs. Grigsby this fund was appropriated as recommended, by the following vote: Aye, President Barr, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

PAYMENT FOR ARCHITECTURAL SERVICES ON THE MEDICAL AND DENTAL LABORATORIES

(6) A statement from Granger & Bollenbacher, Architects, of the balance (\$24,000) due them to date for professional services rendered on plans for the new building for the Colleges of Medicine and Dentistry in Chicago. The Supervising Architect, who sends in the statement, recommends payment, the amount to be charged to the State appropriation for the new building. I concur.

On motion of Mrs. Evans, the payment of this bill was authorized.

REBATE ON ASSESSMENT OF SCOTT SANITARY SEWER

(7) A report from the Comptroller of the payment of \$643.81 from the City of Champaign as final payment of the rebates on the special assessment on the Scott Sanitary Sewer. A previous payment of \$136.92 on this assessment was received earlier in the year and reported to the Board on February 5, 1930 (Minutes, page 512).

This report was received for record.

SPECIAL ASSESSMENT AGAINST UNIVERSITY PROPERTY IN CHICAGO

(8) As previously reported (Minutes, September 18, 1929, page 358; November 15, 1929, page 435; February 15, 1930, page 515) a notice was received last September of an assessment against the University on account of its Chicago properties for a proposed system of sewers on the west side of Chicago, north of Harrison Street. The original total assessment on all of the University properties involved was \$2,745.60, payable in five annual installments with five per cent interest. In accordance with the instructions of the Board, I directed the Legal Counsel to notify the assessors that while the University is not bound, under the law, to pay such assessments, the Board of Trustees has always taken the ground that it would not stand in the way of public improvements, and that it would voluntarily accept its share of this assessment on condition that if assessments for this improvement which were protested were reduced, the University's share would be correspondingly reduced.

A report was made at the February meeting of a conference between the Legal Counsel and the Special Assistant Corporation Counsel of Chicago in charge of the law suit concerning this matter, at which an understanding was reached that the University would receive the benefit of reductions.

The Legal Counsel reports that, owing to protests by a large number of property owners, the Court ordered a reduction of approximately twenty per cent. The original assessment against the University is, therefore, reduced by \$549.15 to \$2,196.45.

The Legal Counsel is of the opinion that, in view of all the circumstances, the amount indicated would be fair.

The Supervising Architect and the Comptroller recommend, and I concur, that this assessment be accepted; I recommend further that the amount of the assessment be charged to the State Appropriation for Improvements Other Than Buildings and that it be so included in the budget, and that the Comptroller be authorized to make the payment to the City of Chicago.

On motion of Mr. Fisher, these recommendations were adopted.

**ESTIMATES OF COST OF PUBLIC-IMPROVEMENT PROJECTS
IN URBANA**

(9) The Supervising Architect submits the following estimates, prepared by the City Engineer of Urbana, of the cost of certain public-improvement projects in which, in his opinion, the University should cooperate.

The Mayor of Urbana, in conference with me, requested the cooperation of the University in these matters:

*PUBLIC IMPROVEMENTS PROPOSED BY THE MAYOR AND CITY
ENGINEER OF URBANA SUBMITTED MARCH 13, 1930*

1. Lincoln Ave. Storm drain from U. of I. outlet through Forestry to Boneyard		
820 feet of 48 inch pipe		
1750 feet of 51 inch pipe		
285 feet of 54 inch pipe		
Total estimated cost.....	\$41 622	
University share on basis of tributary area.....		\$26 805
2. Paving University Ave. along Illinois Field 57 feet wide and Romine St. from University Ave. to Main St. 37 ft. wide.....		
Total cost.....	24 962	
University share on frontage basis.....		13 854
3. Paving Mathews Ave. 33 ft. wide with concrete from Springfield Ave. to south limit of present paving		
Total cost.....	46 701	
University share on frontage basis.....		27 670
4. Paving Springfield ¹ Ave. from Wright to Mathews 37 ft. wide, and Romine St. from Springfield to Main St. 37 ft. wide		
Total cost.....	26 230	
University share on frontage basis.....		18 295
		<hr/>
		\$86 624

I recommend that these estimates be received for record with the statement that the Board approves participation in projects 1, 2, and 3 if means permit.

On motion of Mr. Trees, the following resolution was adopted.

WHEREAS, the City of Urbana, Illinois, desires to improve Mathews Avenue, University Avenue, and Romine Street by the construction of new pavements; and

WHEREAS, the Board of Trustees of the University of Illinois finds that these improvements will be to the best interests of the University; therefore

BE IT RESOLVED that the Board of Trustees of the University of Illinois hereby accepts the assessments against University property for these paving improvements (as described above for University Avenue and Romine Street, \$13,854, and for Mathews Avenue, \$27,670) at an estimated total amount of \$41,524, subject to any rebates which may be properly due after the completion of the improvements;

AND BE IT FURTHER RESOLVED that the Board is favorable to the proposed Lincoln Avenue storm drainage system.

¹This item need not be given serious consideration at this time inasmuch as Champaign has not gone ahead with plans to pave its Springfield Avenue. (See letter of J.M.W., 3-21-1930.)

COST OF WRIGHT STREET PAVEMENT

(10) A report from the Supervising Architect that the University's share of the assessment for the paving of Wright Street as it has now been distributed is \$68,139.19.

In order to enable the city to dispose of the bonds to be issued on account of this improvement, I recommend adoption of the following resolution:

WHEREAS, the City of Champaign, Illinois, desires to improve Wright Street adjacent to University property by a new and wider pavement and suitable system of drainage; and

WHEREAS, the Board of Trustees of the University of Illinois finds that this improvement will be to the best interests of the University; therefore

BE IT RESOLVED that the Board of Trustees of the University of Illinois hereby accepts the assessment against University property for this improvement at an estimated amount of \$68,139, subject to any rebates which may be properly due after the completion of the improvement.

On motion of Mr. Fisher, the foregoing resolution was adopted.

USE OF UNIVERSITY PROPERTY

(11) A recommendation from the Council of Administration concerning rules governing the use of University property by outside parties.

On motion of Dr. Noble, action on this matter was deferred until the next meeting of the Board.

PAYMENT OF FEES

(12) A recommendation that the following regulation governing the payment of fees be adopted to supersede existing regulations:

"Fees assessed for any semester are due and payable in full when the student registers. Tuition fees in the professional departments of Medicine, Dentistry, Pharmacy, and Law are payable in two equal installments at the time of registration for the first and second semesters respectively."

On motion of Dr. Noble, this rule was adopted, and the Comptroller was authorized to permit the deferring of payment in accordance with his present practice.

GIFTS TO THE UNIVERSITY

(13) The following report of gifts received by the University:

1. From the F. C. Huyck & Sons Company of Albany, New York, an offer of \$1200 to establish a research fellowship, to be designated "The Frank J. McGovern Research Fellowship," for the fundamental study of the structure of woolen fibers by x-ray diffraction and related methods in the Department of Chemistry for the academic year 1930-31.

2. From the Western Electric Company of Chicago, a Brown and Sharpe Universal Milling Machine (No. 2-A), valued at \$500, for the use of the College of Engineering.

3. From the Chemical Foundation of New York, \$1000 for research work on high-pressure gas reactions.

4. From the Standard Brands Incorporated Company of New York, an offer of \$1000 to be used by Professor Lloyd Arnold of the Department of Pathology and Bacteriology, in his work on "The Antiseptic Properties of the Skin." This money is to be used for supplies, equipment, and temporary help and the company agrees to give the money unconditionally and to comply with the policies of the University regarding research problems.

5. From Mead, Johnson, and Company of Evansville, Indiana, the sum of \$475 to carry on the research work on irradiated ergosterol which was begun last year pursuant to a gift of \$5300 for the establishment of a fellowship for this study (Minutes, January 9, 1929, page 118).

6. The following gifts have been received, as indicated, from the Scherzer Rolling Lift Bridge Company and the American Railway Engineering Association in support of experiments by Professor W. N. Wilson, Department of Civil Engineering, to determine allowable bearing pressure on the edge of large rollers:

<i>Year</i>	<i>Scherzer Rolling Lift Bridge Company</i>	<i>American Railway Engineering Association</i>	<i>Total</i>
1926-27.....	\$500		\$500
1927-28.....		\$240	240
1928-29.....		600	600
1929-30.....	300	360	660
Total.....	\$800	\$1 200	\$2 000

The gift of the Scherzer Company in 1929 was reported to the Board on September 18, 1929 (Minutes, page 366). The other gifts have not hitherto been reported. The foregoing, therefore, constitutes a complete record of the gifts received for this investigation.

7. The following botanical specimens for the University Herbarium:

- 20 specimens, plants of Honduras and Salvador,
Value \$5.00
Field Museum, Chicago, Illinois
- 95 specimens, from Block Island, R. I.,
Value \$10.00
William Trelease
- 300 specimens, plants of Texas and Illinois,
Value \$30.00
E. R. Bogusch, Assistant in Botany, University of Illinois
- 420 specimens, Piperaceae of South America,
Value \$84.00
Smithsonian Institution, Washington, D. C.

I have authorized the acceptance of these gifts.

This report was received for record.

GIFT OF MR. ROBERT F. CARR FOR RESEARCH WORK ON ALLERGY

(14) On February 20, 1930 (Minutes, page 530), I reported that the Honorable Robert F. Carr had given the University the sum of \$900 for research work on allergy (asthma, hay fever, etc.) in the College of Medicine. I should have added that this was the first payment on a gift of \$1800 made by Mr. Carr, the balance to be paid six months later.

This report was received for record.

COOPERATIVE INVESTIGATION OF OIL-SULPHUR COMBINATIONS AS INSECTICIDES AND FUNGICIDES

(15) A request from the Dean of the College of Agriculture and the Head of the Department of Horticulture for approval of an agreement with the Crop Protection Institute, whose headquarters are at Durham, New Hampshire, for a cooperative investigation to determine the insecticidal and fungicidal effects of certain oil-sulphur combinations by the Agricultural Experiment Station. This agreement is drawn for a period of one year beginning May 1, 1930, with a provision that it may be extended for additional periods. The Institute agrees to pay \$4,000 for the expenses of this investigation, \$1,000 being payable at once and the balance in installments of \$1,000 each payable on August 1, 1930, November 1, 1930, and February 1, 1931.

I recommend approval of this agreement.

On motion of Mr. Armstrong, this agreement was approved.

EXTENSION OF COOPERATIVE AGREEMENTS

(16) A recommendation from the Dean of the College of Engineering that the following agreements for cooperative investigations be extended:

1. Agreement with the Western Brick Company for an investigation of Concrete made with Light Aggregate. This agreement became effective on June 1, 1929, and will expire June 1 of this year. The Company has paid in a total of \$5,000 to cover

the expenses of this investigation and there is at present a balance of \$937.50 on hand. The Company does not intend to make any further payments.

2. Agreement with the National Brick Manufacturers' Association for an investigation of the Drying of Clay Wares. This original agreement was entered into in November, 1925, and was for a period of one year. It was renewed in March, 1927, for one year. The Association has paid in a total of \$5,475.00 since the investigation was started and has recently sent in an additional check for \$100 to complete the work of the investigation.

I recommend that these agreements be extended, and that the investigations be permitted to continue for such time as there are funds available, but not to exceed one year from June 1, 1930, in the first case and no longer than October 31, 1930 (as recommended by the Dean), in the second case.

On motion of Mr. Fisher, these recommendations were adopted.

LEASE OF LAND NEAR GRANITE CITY FOR AGRICULTURAL AND EXPERIMENTAL PURPOSES

(17) A report that I have authorized the Comptroller and Secretary to execute a lease with Mr. Louis Buenger of Granite City for a small tract of land (approximately one twenty-fifth of an acre) for a period of three years at a rental of \$5 a year for certain agricultural experiments which the Department of Agriculture is conducting in that part of the State.

On motion of Mr. Armstrong, this action was confirmed.

PURCHASE OF LABORATORY GLASSWARE

(18) A request from the Comptroller for authority to purchase from E. H. Sargent and Company 134 cases of Pyrex laboratory glassware at a net total of \$2561.76 for use in various laboratories of the University, particularly chemistry. The following quotations were secured by the Purchasing Agent on this glassware:

E. H. Sargent and Company.....	\$2561	76
Henry Heil Chemical Company.....	2568	65
Schaar and Company.....	2565	75
Wilkens Anderson Company.....	2566	21
A. Daigger and Company.....	2564	24
Chicago Apparatus Company.....	2564	38
W. M. Welch Manufacturing Company.....	2628	14

The supply to be ordered represents a quantity on which the maximum discount can be secured and will provide for our needs for approximately four months. Provision for the purchase of this equipment has been made in the budget of the various departments concerned.

I recommend approval.

On motion of Mrs. Evans, this purchase was authorized as recommended.

PURCHASE OF COAL FOR THE CHICAGO DEPARTMENTS

(19) The Purchasing Agent has secured the following quotations on coal for the College of Medicine and the School of Pharmacy (approximately fifteen hundred tons of Pocahontas Mine Run) for the year beginning June 1, 1930:

Western Fuel Company		
(To August 1, 1930).....	\$6	00 N. T.
(After August 1, 1930).....	6	35
Crevar Clinch Coal Company.....	6	40
E. L. Hedstrom Coal Company.....	6	40
Consumers Company.....	6	45
Burge Bros. Coal Company.....	6	49

The Supervising Architect and Comptroller recommend that a contract be made with the Western Fuel Company in accordance with their quotation of \$6.00 per ton up to August 1, 1930, and \$6.35 per ton thereafter. Experience with this company indicates that the quality of coal supplied and their ability to give good service are satisfactory.

I recommend approval.

On motion of Mr. Armstrong, this recommendation was adopted.

**COMPTROLLER'S REPORT OF CONTRACTS AND
PURCHASE ORDERS**

(20) The following report from the Comptroller of contracts and purchase orders executed since the last report was made:

*CONTRACTS EXECUTED BY THE COMPTROLLER
APRIL 4, 1930, TO MAY 5, 1930*

Contracts executed on special authorization of the Board of Trustees at meeting of April 9, 1930, recorded in minutes on page 561:

<i>Name</i>	<i>Amount to be received by the University</i>	<i>Date</i>	<i>Item</i>
Illinois State Board for Vocational Education	Regular Fees	March 27, 1930	Regular instruction in College of Law to be rendered to Mr. Paul Sugar for one year from February 1, 1930
Illinois State Board for Vocational Education	Regular Fees	March 27, 1930	Regular instruction in College of Agriculture to be rendered to Mr. Donald M. Brown for one and one-half years from February 1, 1930

Contract executed on special authorization of the Board of Trustees in meeting of March 11, 1930, recorded in minutes on page 546:

<i>Name</i>	<i>Amount to be charged to patients in Dispensary in contract</i>	<i>Date</i>	<i>Item</i>
Riggs Optical Company	Prices as listed in contract	March 27, 1930	Optical service at the Research and Educational Hospital

Lease executed on special authorization of the Board of Trustees in meeting of March 11, 1930, recorded in minutes on page 542:

<i>Leased to</i>	<i>Property</i>	<i>Rental to be received by the University</i>	<i>Date</i>	<i>Tenure</i>
Illinois Bell Telephone Company	92 pairs of University underground cables	\$248 40 per annum	March 11, 1930	One year from Jan. 1, 1930

Leases executed under special authorization of the Board of Trustees in meeting of February 5, 1930, and recorded in minutes on page 519:

<i>Leased to</i>	<i>Property</i>	<i>Rental to be received by the University</i>	<i>Date</i>	<i>Tenure</i>
C. M. Brown	Dwelling at 1105 W. Nevada St., Urbana (Noyes House)	\$60 00 per month	Feb. 8, 1930	Second semester 1929-30

Lease executed under general regulations:

<i>Lease from</i>	<i>Property</i>	<i>Rental to be paid by the University</i>	<i>Date</i>	<i>Tenure</i>
Louis Buenger	1/25 of an acre of land near Granite City, Ill.	\$5 00 per annum	April 19, 1930	Sept. 1, 1929, to Sept. 1, 1932

**PURCHASE ORDERS ISSUED IN APRIL
AMOUNTING TO \$1000 OR MORE**

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation Made in Budget For</i>	<i>Procedure</i>
Electric Coal Company	Coal	\$1440 00	Physical Plant	Physical Plant Operation	Quotation
Norwalk Company, Inc.	Liquid Air Compressor	4085 00	Physical Plant	Physical Plant Extension	Competitive ¹
Electric Coal Company	Coal	1200 00	Physical Plant	Physical Plant Operation	Quotation
Lanston Monotype Machine Company	Monotype Caster	2852 00	Print Shop	University Press Special Equipment	Quotation ²

Chicago Pneumatic Tool Company	Diesel Engine	3500 00	Mechanical Engineering	\$2670 on Mech. Engr. Col. sp. equip. \$830 on Mech. Engr. Col. Regular Exp. on Enc. Adj. 4037	Competitive ²
Architectural Decorating Company	Architectural and Landscape Ornaments	1900 00	Supervising Architect	Physical Plant Extension	Competitive ²
Eastern Offset, Inc.	Soil Maps	3210 00	Agronomy	Agronomy Soil Survey Reports Printing	Competitive ²

¹Approved by President Kinley.
²Approved by Board of Trustees, April 9, 1930.

H. M. EDWARDS
Purchasing Agent

This report was received for record.

AUDIT OF UNIVERSITY ACCOUNTS

(21) The report from Arthur Young & Company, accountants and auditors of Chicago, of their audit of the accounts of the University for the quarter ending March 31, 1930.

On motion of Mr. Armstrong, this report was referred to the Finance Committee for consideration and report.

PROPERTY ADJOINING RESEARCH AND EDUCATIONAL HOSPITAL

(22) A communication from Mr. Abraham Lidsky, attorney for property holders adjoining the grounds of the Research and Educational Hospital, concerning the sale of this property.

On motion of Dr. Noble, this communication was referred to the State Department of Public Welfare.

RELEASE OF PATENT RIGHTS ON PROCESS FOR THE MANUFACTURE OF ANTITOXINS

(23) For some time Dr. William H. Welker, Professor of Physiological Chemistry, has been studying processes for the refining and concentration of antitoxin sera which will eliminate serum sickness reactions. The Dean of the College of Medicine reports that there has been no laboratory experimentation bearing directly upon the problem and that whatever has been done has been published in scientific journals. Doctor Welker's discovery is still in the experimental stage and its development, in order to make it available for public use, will require the services of a competent manufacturing organization. Since the discovery involves merely an idea and no laboratory experimentation, the Dean is of the opinion that equity in the patent should rest entirely with Professor Welker. Doctor Welker had proposed to take out a patent and to assign it to the University merely in order to give the University the fullest possible credit.

On motion of Dr. Noble, this matter was referred to the Committee on Patents.

PURCHASE OF PUMPS FOR FILTRATION PLANT

(24) The Comptroller submits the following quotations secured by the Purchasing Agent for the purchase of three pumps with motors for the new Filtration Plant:

	1 3000 gal. 12" pump	2 1500 gal. 10" pumps	
Allis-Chalmers Mfg. Co.....	\$1 239 00	\$1 537 00	FOB Milwaukee
Aurora Pump Company.....	1 309 00	1 685 00	FOB Aurora, Ill.
Fairbanks Morse Company.....	1 279 00	1 928 80	FOB Three Rivers, Mich.

The Supervising Architect recommends the purchase of this equipment from the Allis-Chalmers Manufacturing Company of Milwaukee at the price indicated. The cost will be charged to the appropriation for a filtration plant.

I recommend approval.

On motion of Mr. Trees, this purchase was authorized as recommended.

PURCHASE OF LABORATORY MATERIALS

(25) A request from the Comptroller for authority to purchase laboratory materials for the General Chemical Storeroom for the year 1930-31. These materials will be issued to the various departments, chiefly the Department of Chemistry, by the Storeroom, and the cost will be charged to the departments using them. It is necessary to make the purchases at this time to be assured of delivery by the opening of the fall semester. In accordance with our practice the Comptroller secured competitive quotations on this material. Where our requirements are for standard apparatus, the reward will be made to the low bidder; where optional equipment has been offered, the quality of manufacture and design and the adaptability of the material for requirements has been taken into consideration in addition to the price. Samples were obtained and carefully inspected in advance.

The Comptroller recommends that purchases be made from the following firms at the prices indicated:

Rascher and Betzold, Chicago.....	\$1 854 42
E. H. Sargent and Co., Chicago.....	2 654 80
Schaar and Company, Chicago.....	1 404 68
W. M. Welch Scientific Co., Chicago.....	1 111 86
A. Daigger and Company, Chicago.....	1 953 43
Wilkens Anderson Company, Chicago.....	218 80
Glasco Products, Chicago.....	183 00
Henry Heil Chemical Co., St. Louis.....	72 50
Central Scientific Co., Chicago.....	640 37
Chicago Apparatus Co., Chicago.....	790 15

\$10 884 01

I recommend approval.

On motion of Mrs. Evans, these purchases were authorized as recommended.

PURCHASE OF MILITARY UNIFORMS

(26) The War Department has announced a new plan for the issue of uniforms and commutation in lieu of uniforms effective at the beginning of the next academic year.

The Commandant and the Comptroller recommend that the following plan be adopted:

"Each student entering the advanced course in his third year shall make the regular deposit of \$15, as now required.

Each student on registering in the course will be required to sign an agreement to the effect that he will deposit with the University out of his first check from the Government for commutation of rations, the sum of \$20. This check will be received early in January. The University will thus have a guaranty deposit of \$35 against the payment of the balance of the commutation, and to cover other equipment issued to the students. In the meantime the University will have received payment from the Government for the first installment of \$20 on the uniform. At the end of the year, a refund of the \$15 deposit will be made, less any equipment not accounted for and the remainder carried forward to the succeeding year.

When the student registers the succeeding year and the second installment of the commutation is received from the Government, a refund of \$5 will be made the student out of the balance retained on his account; the remaining \$15 is carried through the second year as the usual deposit. If the student does not reregister for the senior year, the balance due on the uniform will be charged to his deposit."

There are approximately four hundred students in the advanced course and the total cost of the uniforms will therefore be approximately \$16,000. Half of this amount can be collected by the time it is necessary to pay for the uniforms and the remainder must be advanced pending the collection of a full guaranty fund from the students as above outlined. Since there will be on hand deposits made by *all* students in military, amounting to approximately \$50,000, money for the purchase of these

uniforms can be advanced from this fund until sometime in January when settlement is made with the students.

I recommend that the procedure outlined above be authorized.

On motion of Mrs. Grigsby, this procedure was authorized as recommended.

EMPLOYMENT OF MR. D. C. SPRINKLE CONTINUED

(27) A recommendation that the employment of Mr. D. C. Sprinkle, Laborer in the Department of Horticulture, be continued beyond the retiring age, for one year beginning September 1, 1930.

On motion of Mr. Fisher, this continuation was authorized.

RETIREMENT OF MISS ISABEL BEVIER

(28) A recommendation from the Dean of the College of Agriculture that Miss Isabel Bevier, Professor of Home Economics, be retired beginning September 1, 1930, with the rank of Professor of Home Economics, *Emeritus*, and a stipend equivalent to that which a member of the staff of her length of service and receiving an equivalent salary would receive under the retiring allowance regulations.

Professor Bevier was on the staff of the University from September 1, 1900, to September 1, 1921, when she was retired without pay at her own request. She returned to active service on February 1, 1928. She reached the retiring age last year but at her request, and on recommendation of all concerned, she was continued in active service for one year. Her retiring allowance under the rules would be \$2,160 a year.

I recommend approval.

On motion of Mrs. Evans, this recommendation was adopted.

APPOINTMENT OF MR. JOSÉ A. BALSEIRO

(29) A recommendation that Mr. José A. Balseiro be appointed Assistant Professor of Romance Languages, for one year beginning September 1, 1930, at a cash compensation of thirty-seven hundred dollars (\$3700).

On motion of Mr. Armstrong, this appointment was authorized.

REFRIGERATION UNIT FOR VIVARIUM

(30) A recommendation from the Supervising Architect that the purchase of one No. 6 Andiffren Refrigerating Unit for the Vivarium at an expense of \$5849 be authorized, to be paid for from Physical Plant Extension funds as provided at the meeting of April 9, 1930 (page 565).

I concur.

On motion of Mr. Fisher, this purchase was authorized.

VACATION EXTENSION FOR DR. DORSEY AND DR. COLBY

(31) A recommendation from Professor J. C. Blair, endorsed by Dean Mumford, that Dr. M. J. Dorsey and Dr. A. S. Colby of the Department of Horticulture, be granted one month extension of vacation, from August 5 to September 5, with pay, to enable them to attend the International Horticultural Congress in London.

I concur.

On motion of Dr. Noble, this extension was granted.

AUTHORITY TO CONFER DEGREES

(32) A request for authority to confer degrees at the coming Commencement as recommended by the University Senate.

On motion of Mrs. Grigsby, this authority was granted.

STOCKHOLDERS IN COMPANY TO PROMOTE BUSWELL PROCESS

Mr. Armstrong, for the special committee on patents, presented the following list of stockholders in the company to promote the Buswell process, as submitted by Mr. Francis N. Bard.

Vincent Bendix, President, Bendix Aviation Corporation, Chicago, Illinois
 Walter J. Buettner, Vice-President, Bendix Aviation Corporation, Chicago, Illinois

R. E. Bard, President, Bard and Company, Chicago, Illinois

R. A. Bard, President, Chicago Investors Corporation, Chicago, Illinois

F. N. Bard, Chairman, Warchel Corporation, Chicago, Illinois

Frank B. Black, Attorney, Chicago, Illinois

Jerome P. Bowes, Jr., President, Bowes & Company, Chicago, Illinois

Carroll E. Gray, Jr., Executive Vice-Pres., Central Illinois Company, Chicago, Illinois

George R. Jones, Vice-President, Public Service Company, Chicago, Illinois

W. L. O'Neill, Vice-President, Bendix Aviation Corporation, and President, Stromberg Motor Devices, Chicago, Illinois

On motion of Dr. Noble, this list was approved.

STANDING COMMITTEE ON PATENTS

On motion of Mr. Trees, it was voted to amend Article IV, Section 6, of the By-Laws of the Board, by inserting the word "Patents" at the end of the section, to provide for a standing committee, of three members, on patents. The vote was as follows: Aye, President Barr, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

President Barr notified the Secretary, later in the day, that he had appointed to serve on the standing Committee on Patents: Mr. Fisher, Chairman, Mr. Armstrong, Dr. Noble.

TERM OF THE PRESIDENT OF THE UNIVERSITY

On motion of Dr. Noble, Article V, Section 2, of the By-Laws of the Board was amended to read as follows:

SECTION 2. The President of the University shall be elected to hold his office on indefinite tenure, at the pleasure of the Board.

The vote on this amendment was as follows: Aye, President Barr, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

CARTER-PENNELL REPORT

Mrs. Grigsby, for the Committee on Agriculture, presented the following report.

A meeting of the Committee on the Carter-Pennell Farms was held in the President's Office at 9:35 Friday morning, May 9, 1930, Mrs. Evans and Mrs. Grigsby being present—Mrs. Grigsby acting as Chairman.

The Committee approved the annual report and recommended that it be accepted by the Board of Trustees, and further concurred in the recommendation of the Committee in charge of the farms that \$750 be transferred from the net income to the Carter-Pennell Student Loan Fund.

HELEN M. GRIGSBY
 LAURA B. EVANS

On motion of Dr. Noble, the report of the Committee was adopted, the annual report on the operation of the farms was accepted, and \$750 income from the farms was transferred to the loan fund, by the following vote: Aye, President Barr, Mr. Armstrong, Mrs. Evans, Mr. Fisher, Mrs. Grigsby, Dr. Noble, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Simpson.

USE OF PRESENT PRESIDENT'S HOUSE

On motion of Mr. Trees, the officers of the Board were authorized to arrange with President Kinley, on his return from abroad in 1931, for the use of the present President's House, including heat, water, gas, electricity, maintenance, and care of grounds, for a period not to exceed four years, at a rental of \$1500 a year.

President Barr appointed Mr. Armstrong and Mr. Trees a special committee to confer with President Kinley on this matter. The committee reported, after conference with President Kinley, that the arrangement was satisfactory to him.

DR. DAVID KINLEY MADE PRESIDENT EMERITUS

On motion of Mrs. Evans, Dr. David Kinley was made Professor of Economics and President of the University, *Emeritus*, effective July 1, 1930.

On motion of Mr. Trees, President Kinley was granted leave of absence beginning August 1, 1930, with salary at the present rate until August 31, 1931.

ARCHITECT FOR PRESIDENT'S HOUSE

On motion of Mrs. Evans, the Supervising Architect was authorized to arrange for the employment of Mr. Platt for architectural services on the new house for the President, at a compensation not to exceed \$4000.

DATE OF JUNE MEETING

On motion of Mr. Armstrong, it was voted to hold the June meeting at the University, at Urbana, at 10 o'clock a.m. on Tuesday, June 10, 1930.

GRADUATE SCHOLARS AND FELLOWS

The Secretary presented for record the following supplementary list of scholars and fellows in the Graduate School, appointed by the President of the University:

Agronomy	ROBERT L. MATLOCK.....	Fellowship	\$500
Animal			
Husbandry	DEWEY M. TURNEY.....	Scholarship	\$300
Architecture	DONALD R. LAIDIG.....	Scholarship	\$300
Chemistry	ALBERT C. FAUTH.....	Scholarship	\$300
	EARL C. SMITH.....	Scholarship	\$300
Classics	WILLIAM M. SEAMAN.....	Scholarship	\$300
Electrical			
Engineering	STANLEY R. JORDAN.....	Scholarship	\$300
English	GLADYS MCCONATHA.....	Scholarship	\$300
History	GRANVILLE D. DAVIS.....	Scholarship	\$300
Mathematics	ROBERT E. NORRIS.....	Fellowship	\$500
	M. ANICE SEYBOLD.....	Scholarship	\$300
	WALTER G. WARNOCK.....	Fellowship	\$400
Philosophy	EDWARD E. ANDERSON.....	Fellowship	\$400
	CORNELIUS M. DEBOE.....	Scholarship	\$300
Romance			
Languages	WINIFRED E. JONES.....	Scholarship	\$300

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Brenner, Shirley, Dispensary Cashier in the College of Medicine, for four months beginning May 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (May 8, 1930)¹

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Briney, Elsie May, Stenographer in the Department of Animal Husbandry, in the College of Agriculture, beginning May 1, 1930, and continuing until August 31, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifteen dollars (\$115) a month (this superseding her previous appointment). (April 23, 1930)

Bukofzer, Erich Hermann, Instructor in the Department of Pathology and Bacteriology, in the College of Medicine, for four months beginning May 1, 1930, without salary. (April 30, 1930)

Roberts, Nettie, Stenographer, assigned until further notice to the office of the Dean of Women, for four months beginning May 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of one hundred fifteen dollars (\$115) a month (this superseding her previous appointment). (April 29, 1930)

Sanford, C. W., to give instruction in Education in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of two hundred fifty dollars (\$250) for the session. (April 19, 1930)

Weseman, Marie J., Junior Clerk, assigned until further notice to the Dispensary, of the College of Medicine, for four months beginning May 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of eighty-five dollars (\$85) a month. (May 8, 1930)

The Board adjourned.

H. E. CUNNINGHAM
Secretary

GEORGE A. BARR
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

June 3, 1930



A special meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Tuesday, June 3, 1930, pursuant to the following call which was sent out by the Secretary on May 29, 1930:

On the call of the President, Mr. George A. Barr, a special meeting of the Board of Trustees of the University of Illinois will be held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. (Chicago time) on Tuesday, June 3, 1930, to consider such matters as may be presented by the President of the University and the committees of the Board, and such other matters as may be duly presented.

The following members were present: President Barr, Mr. Armstrong, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees.

President Kinley was present; also Professor J. M. White, Supervising Architect.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

APPROPRIATION FOR LEGAL SERVICES

(1) A statement that he had employed legal counsel for special services in connection with the title to some land, the purchase of which is under consideration, with a request that this action be confirmed and that an appropriation of \$100 be made from the Reserve and Contingent Fund to meet the expense.

On motion of Mrs. Evans this action was confirmed and the appropriation was made, by the following vote: Aye, Mr. Armstrong, President Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher.

CONTRACT FOR MEDICAL AND DENTAL COLLEGE LABORATORIES

(2) A letter from Granger & Bollenbacher, Architects for the Medical and Dental College Laboratories building, enclosing a schedule of bids and recommending that the contract be awarded to the lowest bidder, the W. E. O'Neill Construction Company, of Chicago.

I concur.

June 3rd, 1930

To The Board of Trustees, University of Illinois

Subject: Selection of General Contractor for Medical and Dental College Laboratories

GENTLEMEN:

We enclose herewith a Schedule of Bids received at 11:00 o'clock a.m. (Chicago time) on May 26th, 1930, in the Library Room of the Research Laboratory and Library Building, for the general work on the Medical and Dental College Laboratories Building.

We recommend that the contract be awarded to the low bidder, the W. E. O'Neill Construction Company of Chicago, on the basis of their bid "A" of \$798,236.00; plus Alternate No. 4 for the Transformer Room, amounting to \$4,200.00; plus Alternate No. 6 for Kalman Floor Company's Burlap Process Cement Finish on floors, amounting to \$9,400.00; making a total contract of \$811,836.00.

We further recommend that the Contract provide for the option of accepting Alternate No. 2 for Kawneer Sash at an additional cost of \$37,000.00; and for the option of accepting the Contractor's proposal of June 2nd for the omission of steel sash at a deduction of \$40,455.00.

This recommendation is based on a careful study of the qualifications of the two low bidders, a summary of which is attached herewith together with substantiating documents.

Very truly yours,
GRANGER & BOLLENBACHER
By J. O. MERRILL

SCHEDULE OF GENERAL BIDS RECEIVED MAY 26, 1930

Bidder	W. E. O'Neill Const. Co.	B. W. Const. Co.	Schmidt Bros.	John E. Ericsson Co.
Base bid A.	\$798 236 00	\$829 991 00	\$839 950 00	\$857 950 00
Completion.	10 months	12 months	10 months	10 months
Amount included for bond	12 000 00	8 300 00	12 585 00	12 750 00
Alternate No. 1, add.	75 000 00	35 350 00	52 980 00	18 000 00
Alternate No. 2, add.	37 000 00			12 500 00
Alternate No. 3, deduct.	3 200 00	1 944 00	3 250 00	1 500 00
Alternate No. 4, add.	4 200 00	8 360 00	4 250 00	5 000 00
Alternate No. 6, add.	9 400 00	8 005 00	9 000 00	8 500 00
Alternate No. 11, deduct.	160 00	200 00	200 00	265 00
Alternate No. 12, add.	1 700 00		1 600 00	2 370 00

<i>Bidder</i>	<i>Ralph Sollitt & Sons Const.</i>	<i>J. W. Snyder Co.</i>	<i>Fleisher Eng. & Const. Co.</i>	<i>McLennan Const. Co.</i>
Base bid A.	\$860 559 00	\$861 558 00	\$865 000 00	\$868 000 00
Completion.	12 months	10 months	9 months	9 months
Amount included for bond	12 710 00	14 190 00	13 000 00	13 000 00
Alternate No. 1, add.	34 400 00	98 500 00	9 000 00	35 000 00
Alternate No. 2, add.	10 400 00	41 829 00	6 000 00	27 000 00
Alternate No. 3, deduct.	1 525 00	1 944 00	3 250 00	3 600 00
Alternate No. 4, add.	3 200 00	3 166 00	3 500 00	2 904 00
Alternate No. 6, add.	7 000 00	6 482 00	7 500 00	5 000 00
Alternate No. 11, deduct.	135 00	271 00	200 00	370 00
Alternate No. 12, add.	2 680 00		1 500 00	

<i>Bidder</i>	<i>Lundoff- Bicknell</i>	<i>M. J. Boyle & Co.</i>	<i>Jacobson Bros.</i>	<i>Great Lakes Const. Co.</i>
Base bid A.	\$878 000 00	\$893 500 00	\$897 000 00	\$907 000 00
Completion.	12 months	16 months	14 months	10 months
Amount included for bond	13 000 00	13 500 00	14 000 00	13 600 00
Alternate No. 1, add.	44 345 00	48 000 00	38 000 00	68 000 00
Alternate No. 2, add.	34 636 00		8 000 00	
Alternate No. 3, deduct.	1 899 00	1 900 00	3 200 00	3 244 00
Alternate No. 4, add.	3 676 00	3 900 00	4 000 00	4 326 00
Alternate No. 6, add.	7 442 00	9 300 00	8 500 00	10 555 00
Alternate No. 11, deduct.	336 00	300 00	400 00	200 00
Alternate No. 12, add.	1 400 00	1 500 00	1 600 00	1 600 00

<i>Bidder</i>	<i>Avery Brundage</i>	<i>Paschen Bros.</i>	<i>Carl E. Erickson Company</i>	<i>Warner Const.</i>
Base bid A.	\$907 000 00	\$913 000 00	\$915 000 00	\$936 884 00
Completion.	11 months	12 months	12 months	12 months
Amount included for bond	8 000 00	14 000 00	13 725 00	13 500 00
Alternate No. 1, add.			70 850 00	50 000 00
Alternate No. 2, add.			59 000 00	8 000 00
Alternate No. 3, deduct.	3 240 00	3 200 00	1 625 00	3 900 00
Alternate No. 4, add.	6 500 00	4 200 00	6 500 00	4 224 00
Alternate No. 6, add.	6 500 00	1 100 00	2 250 00	7 900 00
Alternate No. 11, deduct.	400 00	300 00	300 00	240 00
Alternate No. 12, add.		2 450 00	2 750 00	1 500 00

<i>Bidder</i>	<i>C. A. Moses</i>	<i>Hanson Bros. Co.</i>	<i>Coath & Boss, Inc.</i>	<i>Henry B. Ryan Co.</i>
Base bid A.	\$940 173 00	\$941 198 00	\$947 850 00	\$951 000 00
Completion.	14 months	20 months	15 months	13 months
Amount included for bond	9 402 00	13 908 00	13 900 00	14 054 00
Alternate No. 1, add.		45 000 00	45 000 00	35 000 00
Alternate No. 2, add.		10 000 00	35 000 00	
Alternate No. 3, deduct.	1 268 00	3 250 00	3 000 00	3 200 00
Alternate No. 4, add.	5 853 00	3 500 00	4 500 00	3 500 00
Alternate No. 6, add.	9 000 00	7 100 00	7 000 00	7 600 00
Alternate No. 11, deduct.	219 00	200 00	300 00	
Alternate No. 12, add.		2 500 00	2 600 00	

Mr. J. O. Merrill, of Granger & Bollenbacher, was introduced. He made a statement giving the firm's reasons for recommending that the contract be awarded to the W. E. O'Neill Construction Company.

Mr. W. E. O'Neill was introduced. He stated that his firm would be able to complete the building in ten months under present conditions, or in twelve months at the outside, and retired.

On motion of Mr. Simpson, this contract was awarded to the W. E. O'Neill Construction Company, the lowest bidder, as recommended, subject to the approval of the firm's surety bond by the Board.

ORNAMENTAL LIGHTING ON PENNSYLVANIA AVENUE

(3) A letter from the City Attorney and Corporation Counsel of Urbana asking whether the Board of Trustees of the University of Illinois would have any objection to the city's constructing an ornamental lighting system with standards and globes similar to those in use in the City of Urbana along Pennsylvania Avenue, from Lincoln Avenue to the west end of the concrete pavement, and possibly to Fourth Street; and whether the University would be willing to pay any part of the improvement.

On motion of Mr. Trees, it was voted that, since the granting of this request would involve a departure from the policy of the University to provide lighting facilities for its own grounds, it is inexpedient to comply with this request.

PURCHASE OF PAPER TOWELS

(4) A request from the Comptroller for authority to purchase a carload of paper towels at a cost of \$2,035. Provision for this purchase is made in the budget for Physical Plant operation.

I recommend approval.

On motion of Mrs. Evans, this purchase was authorized.

PURCHASE OF LUMBER

(5) A request from the Comptroller for authority to purchase a carload of oak and white pine lumber from the Clark Thompson Lumber Company of Champaign at a price of \$1,504. Competitive quotations were secured by the Purchasing Agent on this material, the Clark Thompson Company's being the low quotation.

I recommend approval of this purchase.

On motion of Mr. Simpson, this purchase was authorized.

PURCHASE OF VACUUM PUMPS

(6) A request from the Comptroller for authority to purchase two vacuum pumps with motor from C. A. Dunham Company, manufacturers of the equipment desired, at a cost of \$1,659. Provision is made in the Physical Plant Extension Budget for the purchase of this equipment.

On motion of Mrs. Grigsby, this purchase was authorized.

APPROPRIATION FOR DEPARTMENT OF ANIMAL HUSBANDRY

(7) A recommendation from the Dean of the College of Agriculture that the unappropriated balance of the agricultural income from the Department of Animal Husbandry for the year ended June 30, 1929, amounting to \$2,795.04, be appropriated to the Department for its Station account.

I recommend approval.

On motion of Mr. Armstrong, this appropriation was made, by the following vote: Aye, Mr. Armstrong, President Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emerson, Mr. Fisher.

EXPENSES OF STAR COURSE

(8) A request for authority to meet the expenses of the Star Course for rental of University buildings, janitor service, etc., for the past two years, amounting to \$2500, from the appropriation for Visiting Professorships, Lectures, and other functions.

On motion of Dr. Noble, this authority was granted.

APPROPRIATION FOR SCHOOL OF MUSIC

(9) A recommendation that an appropriation of \$200 be made from the Reserve and Contingent Fund to the School of Music for expense and equipment for the balance of the current year.

On motion of Mrs. Grigsby, this appropriation was made, by the following vote: Aye, Mr. Armstrong, President Barr, Mrs. Evans, Mrs. Grigsby, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Blair, Mr. Emmerson, Mr. Fisher.

MAJOR APPOINTMENTS TO THE STAFF FOR 1930-31

(10) I recommend approval of the following major appointments to the staff for 1930-31:

1. Professor Régis Michaud, at present on the staff of Dartmouth College, as Visiting Professor of Romance Languages for one year at a salary of \$7,000 (\$6,000 of his salary will be paid by the Department and \$1,000 from the Fund for Visiting Professorships). I have authorized his appointment since it was necessary to act promptly in order to get him.

2. Professor Guy Allen Tawney, at present Professor of Philosophy at the University of Cincinnati, as Visiting Professor of Philosophy on one-half time for one year from September 1, 1930, at a salary of \$3,000 (to be charged to the Fund for Visiting Professorships).

3. Dr. Griffith Wynne Williams, at present on the staff of Yale University, as Assistant Professor of Psychology for one year beginning September 1, 1930, at a salary of \$3,000. (Dr. Williams will take the place of Dr. E. A. Culler who will be on leave without pay next year).

4. Dr. Virgil R. D. Kirkham, Chief Geologist of the Pacific Exploring Company of New York City, as Assistant Professor of Geology for one year at a salary of \$3500.

On motion of Mr. Trees, these appointments were approved.

LEAVE OF ABSENCE FOR ASSOCIATE PROFESSOR T. E. PHIPPS

(11) A request from Associate Professor T. E. Phipps of the Department of Chemistry for a leave of absence without pay for the academic year 1930-31 for the purpose of study and travel abroad on a Guggenheim Fellowship.

The Head of the Department and the Dean of the College recommend approval, and I concur.

On motion of Mrs. Grigsby, this leave was granted.

LEAVES OF ABSENCE FOR DIRECTOR GEORGE A. HUFF AND MR. FRANK ROKUSEK

(12) A report that I have authorized Director George Huff to leave the University on May 19 for the rest of the academic year and Mr. Frank Rokusek, Instructor in Athletic Coaching, to leave the University on May 24.

On motion of Mr. Armstrong, this action was approved.

UTILITIES RESEARCH COMMISSION GRADUATE ASSISTANTSHIPS IN THE ENGINEERING EXPERIMENT STATION

(13) The Utilities Research Commission offers the University four additional graduate assistantships in the Engineering Experiment Station of \$800 each for the year 1930-31 to take care of the following projects which are now under way:

- Prevention of Corrosion by Flue Gases.
- Treatment of Natural Waters for Ice Making.
- Effect of Products of Gas Combustion on Flues and Chimneys.
- Solubility Studies of Boiler Waters.

I recommend that these additional assistantships be established for the year 1930-31.

On motion of Dr. Noble, this recommendation was approved.

AGREEMENTS FOR COOPERATIVE INVESTIGATIONS

(14) A recommendation from the Dean of the College of Engineering that the following agreements for cooperative investigations be approved:

1. Two agreements with the Chicago Bridge & Iron Works—one for a cooperative investigation of Cylindrical Shells as Columns and the other for a cooperative investigation of Joints in Wide Plates by the Engineering Experiment Station, for a period of two years. The Company agrees to pay the sum of \$1350 a year for each investigation.

2. Agreement with Armour & Company for a cooperative investigation to determine the possible uses of blood albumen in spray materials. This agreement has been drawn for a period of three months beginning June 1, 1930, and the Company agrees to pay the sum of \$500 for the expenses of the investigation.

These agreements are similar in form and character to other agreements of this nature hitherto approved by the Board.

I recommend approval.

On motion of Mr. Simpson, these agreements were authorized. Mr. Trees requested to be recorded as not voting.

EXTENSION OF COOPERATIVE AGREEMENTS

(15) A recommendation from the Dean of the College of Engineering that the following cooperative investigations which are financed by the Utilities Research Commission be continued for one year from July 1, 1930. The present contract covering these investigations expires on June 30:

1. Ageing of Porcelain.
2. Car Axle Failures.
3. Impact of Steel Structures.
4. Testing of High-Voltage Cables.

The contribution of funds for this extended period is to be on the same basis as in the original contract.

I recommend approval.

On motion of Mrs. Evans, the continuation of these contracts was approved.

ADVISORY COMMITTEES, COLLEGE OF AGRICULTURE

(16) A recommendation that the following advisory committees for the College of Agriculture be appointed for one year.

Agronomy (Farm Crops)

F. I. MANN, Gilman
G. F. TULLOCK, Rockford
FRANK S. HAYNES, Geneseo
N. F. GOODWIN, Palestine
W. E. RIEGEL, Tolono

Dairy Husbandry

N. W. HEPBURN, Peoria
H. C. HORNEMAN, Danville
HARRY WOOD, Delavan
H. W. ALLYN, Byron
L. M. GENTRY, Oregon

Agronomy (Soils)

EUGENE FUNK, Bloomington
HARVEY J. SCONCE, Sidell
O. J. SOMMER, Pekin
WILLIAM WEBB, Plainfield
L. B. EIDMAN, Mascoutah

Farm Mechanics

O. W. HOIT, Geneseo
L. S. FOOTE, Tunnel Hill
C. A. EWING, Decatur
E. W. DERWENT, Durand
J. P. STOUT, Chatham

Animal Husbandry

J. R. FULKERSON, Jerseyville
LESLIE MATHERS, Mason City
KEMP CRONE, Albion
E. D. WYMAN, Henning
W. S. CORSA, White Hall

Farm Organization and Management

CHARLES FOSS, Freeport
JOHN P. HANNA, Geneseo
F. C. PARKS, Minonk
FRANK H. MCKELVEY, Springfield
CLARENCE WATSON, Macomb

Floriculture

RUDOLPH SCHEFFLER, Wheaton
 GEORGE J. BALL, Glen Ellyn
 F. L. WASHBURN, Bloomington
 J. W. ROSS, Centralia
 J. F. AMMANN, Edwardsville

Horticulture

GUY BEAUMAN, Tunnel Hill
 AUGUST GEWEKE, Des Plaines
 W. S. PERRINE, Centralia
 J. A. GARNIER, Newton
 H. M. DUNLAP, Savoy

General Advisory Committee

EUGENE FUNK, Farm Crops
 W. E. RIEGEL, Soils
 J. R. FULKERSON, Animal Husbandry
 N. W. HEPBURN, Dairy Husbandry
 O. W. HOIT, Farm Mechanics
 F. C. PARKS, Farm Organization and
 Management
 W. S. PERRINE, Horticulture

On motion of Mr. Simpson, these committees were appointed.

AWARD OF PLYM SCHOLARSHIP TO JOHN D. JARVIS

(17) A recommendation from the Plym Scholarship Committee, concurred in by the Dean of the College of Engineering, that Mr. John D. Jarvis of the Class of 1929 be awarded the Seventh Plym Foreign Scholarship in Architectural Engineering.

I recommend approval.

On motion of Mr. Trees, this recommendation was approved.

REQUEST FOR BOOKS FROM GEORGETOWN COLLEGE

(18) A few weeks ago the Chapel and Library Building of Georgetown College, Georgetown, Kentucky, burned to the ground destroying some forty-five thousand library volumes. In trying to recoup its loss the institution is appealing to libraries in other colleges and universities for contributions of duplicate copies and other books which they do not need. Director Windsor reports that we could make up a box or two of books from our duplicates and from our own publications which we could send as a contribution.

I recommend that the Library be authorized to do this.

On motion of Dr. Noble, this authority was granted.

IRA O. BAKER PRIZE FUND

(19) The Comptroller writes me concerning the \$300 of the Vancouver Lumber Company First Mortgage seven and a half per cent Gold Bonds, which were presented to the University by Professor I. O. Baker as part of his gift for a prize fund bearing his name, that interest due on these bonds May 1, 1930, has not been paid. He accompanies his letter with a statement from Peabody and Company of Chicago, signed by their Mr. E. W. Skipworth, saying, "It is our understanding plans are being worked out which contemplate no loss to the bondholders." In a circular letter from Peabody and Company to the holders of these bonds is this statement: "We are also informed that there is slight ground for apprehension of the ultimate outcome from your standpoint. There is every reason to believe that the property, upon which the mortgage securing your bonds is a first lien, is reasonably worth more than the mortgage debt.

"We believe inasmuch as under the British Columbia law, no right of redemption exists after the foreclosure sale, the situation can be worked out rather speedily in a satisfactory manner."

This report was received for record.

RESIDENCE HALL PLANS

(20) A recommendation from Professor White that plans be drawn for a U-shaped residence hall to house 200 girls at an estimated cost of \$400,000; the plan to provide for two social units of 100 each and a single operating unit, and that the construction of the north front and the basement stories of the wings be authorized.

On motion of Mrs. Evans, the Supervising Architect was instructed to proceed to make the necessary plans and specifications for this additional unit of the Woman's Residence Halls.

RESIDENCE HALLS FUND

(21) The Comptroller advises me that at the end of the present semester our Residence Halls Fund will be about \$215,000. He writes that "unless some large expenditure is contemplated this summer it would be desirable to invest a substantial portion of this balance." He advises the investment of approximately \$200,000. I recommend that this matter be referred to the Finance Committee for consideration and report at the next meeting.

On motion of Mr. Armstrong, this matter was referred to the Finance Committee for investigation and report at the next meeting of the Board.

UTILITIES FOR ORGANIZATIONS

(22) The President reported that according to his understanding of the Board's wishes he had advised one of the organizations near the campus that the Board thinks it advisable to ask them to withdraw from the present relationship whereby they use University heat, electricity, and water, at as early a date as they can conveniently adjust their physical plant to supply their own needs.

On motion of Dr. Noble, this action was approved.

PRESIDENT'S SCHOLARSHIP

(23) I recommend that the Board authorize the President of the University to offer a scholarship similar in character to the County Scholarships and subject to the same regulations to any one of the students, candidates for the scholarship offered by Mr. Thomas Edison, who succeeded in passing the preliminary examination and the intelligence test and came up for the examination by the Committee in Springfield on May 24.

On motion of Dr. Noble, this scholarship was authorized.

WIDTH OF PAVEMENTS IN URBANA

(24) A letter from the Mayor of Urbana concerning the width of the proposed pavements on University Avenue and Romine Street, in Urbana.

On motion of Mr. Trees, this matter was referred to the President of the University, with power to act.

RADIO STATION

(25) A statement concerning the University Radio Station.

No action was taken on this matter.

FEES FOR CERTAIN WORK IN MEDICINE

(26) A recommendation that the following fees be established in the College of Medicine.

1. The College of Medicine is authorized to inaugurate an out-patient lying-in service in connection with the Research and Educational Hospital;
2. Each patient when registering shall be given a package of the necessary supplies for which a charge of \$2 shall be made;
3. Each patient receiving the service, except the strictly charity cases, shall be charged a fee of \$10;
4. Each student registering for the course which requires out-patient, lying-in training shall pay a fee of \$15.

On motion of Mr. Simpson, this recommendation was adopted.

The Board adjourned.

H. E. CUNNINGHAM
Secretary

GEORGE A. BARR
President

MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

June 10, 1930



The June meeting of the Board of Trustees of the University of Illinois was held at the University, in Urbana, at 9 o'clock a.m. on Tuesday, June 10, 1930. The following members of the Board were present: President Barr, Mr. Armstrong, Mr. Blair, Mrs. Evans, Dr. Noble, Mr. Simpson, Mr. Trees.

President Kinley was present.

MINUTES APPROVED

The Secretary presented the minutes of the meeting of May 9, 1930.

On motion of Mr. Blair, the minutes were approved as printed on pages 579 to 592 above.

TRIBUTE OF STUDENTS TO PRESIDENT KINLEY

Mr. Blair read the following tribute presented by the students of the University to President David Kinley. On motion of Mr. Blair, the Secretary was instructed to incorporate this tribute in the minutes of the Board.

TO:

DAVID KINLEY

PRESIDENT OF THE UNIVERSITY OF ILLINOIS

The students of the University, through us their representatives, present to you this scroll as you are about to retire from the Presidency of the University after your long and eventful period of devoted and distinguished service as Professor, Dean, and President.

We would express our deep appreciation and gratitude for your unremitting and watchful care for our best welfare.

We would convey to [you] our abiding esteem, our best wishes and our hope to share in forwarding the great work for the University to which you have so nobly and generously given these many fruitful years.

HENRY W. MEERS

President of the Student Council

VERNON L. KRETSCHMER

President of the Illinois Union

ELIZABETH DEBERARD

President of the Woman's League

*May Twenty-Eighth
Nineteen Hundred and Thirty*

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

TAFT LECTURESHIP FUND

(1) A report that subscriptions to the Taft Lectureship Fund amounting to \$26,-306.50 have been received to date from the donors listed below, assuring the contemplated endowment for these lectures. Most of these subscriptions have been paid and payment of the others has been promised on July 1, 1930:

Alumni Fund, Chicago
Raymond, Mrs. J. N., Chicago
Heidrich, E. C., Jr., Peoria
Lowden, F. O., Oregon
Gilster, Albert, Chester
Abbott, W. L., Chicago
Hines, Edward L., Chicago
Riddle, Miss Mary, Chicago
Trenchard, Geo. R., DeLand
Dennis, Chas., Chicago
Cheney, Dr. H. W., Chicago
Goode, J. Paul, Chicago
Hauberg, John H., Rock Island
Igoe, Michael, Chicago
Meharry, Chas., Attica, Indiana
Orendorff, U. G., Canton
Rees, Thos., Springfield
Sunny, B. E., Chicago
Walker, Nellie, Chicago
Glandon, Ed., Pittsfield
Joy, Verne, Centralia
Millard, E. L., Chicago
Abell, Ralph, Elgin
Bogan, W. J., Chicago

Clark, S. J. Duncan, Chicago
Dickerson, J. D., Chicago
Jessup, Theodore, Chicago
Nelson, Oscar, Geneva
Sale, L. O., Fisher
Stoddard, Melita, Minonk
Woman's Club, Rochelle
Trimble, Cairo A., Princeton
Donn, Nellie & Group, Canton
Oakford, A. W., Peoria
Caldwell, Dr. Delia, Carbondale
Carr, Robert F., Chicago
Butterworth, Wm., Moline
Ingersoll, Mrs. C. E., Canton
Smith, Mrs. D. C., Normal
Ryerson, Martin L., Chicago
Sutcliff, Mrs. Gary, Chicago
Logan, Frank G., Chicago
Schmidt, Dr. Otto, Chicago
Woodruff, George, Chicago
Barr, George A., Joliet
Clarkson, Ralph, Chicago
Goodman, Wm. A., Chicago
Hutchinson, Mrs. C. L., Chicago

McManus, Robert, Chicago
 Norris, Lester, St. Charles
 Peterson, Chas., Chicago
 Scheidenhelm, Ed. L., Chicago
 Ickes, Mrs. Harold L., Hubbard Woods
 Capron, H. S., Champaign
 Heath, Will A., Chicago
 Lott, Mr. and Mrs. C. W., Elmwood
 Rugg, Fred, Champaign
 Bane, Lita, Philadelphia, Pa.
 Buttenheim, Harold, New York City
 Cornelius, J. F., Chicago
 Dunlap, Mrs. H. J., Kankakee
 Jones, Isabel, Champaign
 Priestley, H. H., Princeton
 Sears, Nathaniel, Elgin
 Williams, Mrs. and Group, Joliet
 Bennett, Chas. A., Peoria
 Art Auxiliary, Rochelle
 Fiske, Horace Spencer, Chicago
 Burchard, Edward L., Chicago
 Dadant, Valentine, Hamilton
 Davis, Dr. D. J., Chicago
 Finley, John H., New York City
 House, Mrs. and Group, Kankakee
 McKelvey, Mrs. S. A., Sparta
 Parks, Mrs. A. S., Chicago
 Smith, Dr. and Mrs. Arthur, Peoria
 Schwartz, Mrs. Fannie, Salem
 Wilkinson, Dr. and Mrs. C. E., Danville

Woman's Club, Lawrenceville
 Ahern, Mary E., Chicago
 Eyerly, Mrs. Charlotte, Aurora
 Jacques, Bertha, Chicago
 McCauley, Lena, Chicago
 Smith, Alice, Bloom
 Briggs, Jennie, Minier
 Abell, Claudia, Elgin
 Drury, F. K. W., Chicago
 Booth, C. S., Camp Point
 Dayton, Carolyn, Flora
 Gale, Mrs. Henry G., Chicago
 Jones, Dr. and Mrs. Solomon, Danville
 Moorehead, Warren G., Andover, Mass.
 Roselle, E. N., Mooseheart
 Stalker, Clara I., Chicago
 Vaile, Dr. and Mrs. E. O., Rochelle
 Willett, Dr. H. L., Wilmette
 Woman's Club, Joliet
 Bowman, L. A., Chicago
 Fields, Mrs. Eva, Quincy
 Lavvorn, J. B., Chicago
 Reeve, Mrs. Darlene S., Princeton
 Woods, Mrs. Chas., Lincoln
 Lauterback, Mr. and Mrs. W. E., Kewanee
 Baird, Mrs. Fred R., River Forest
 McCracken, Mrs. Marta, Paxton
 Lieber, Mrs. Gertrude, Winnetka

I recommend that these gifts be accepted and constituted the endowment of the Taft Lectureship Fund.

On motion of Mrs. Evans, this recommendation was adopted.

CONTRIBUTION TO TAFT LECTURESHIP FUND FROM ALUMNI FUND

(2) The Alumni Association has subscribed \$5,000 from the Alumni Fund to the Taft Lectureship Fund. The officers of the Association have delivered to me an order directing their banker to turn over to the University securities, in the amount of \$5,000, in the Alumni Fund as follows:

Central Maine Power Company First & General Mortgage	5½%	Gold Bond	
Series "C", par value.....			\$2500
LaCledde Gas & Light Company First Mortgage Collateral Refunding	5½%		
Gold Bond, M-1280, Series "C", par value.....			500
The Goodyear Tire & Rubber Company 5% First Mortgage & Collateral Trust			
Bond, par value.....			1000
Puget Sound Power & Light Company First & Refunding Mortgage	5½%		
Gold Bond, Series "A".....			1000
			<hr/>
			\$5000

On motion of Mr. Trees, the President of the University was authorized to accept these securities for the purpose given and to deposit them with the Treasurer.

BIDS ON WOMAN'S GYMNASIUM

(3) A report from the Supervising Architect that the bids for the general contract for the Woman's Gymnasium received on June 7, were so high that it was evident that the building could not be constructed as planned within the appropriation.

GENERAL WORK*Bidders*

	<i>Base Bids</i>
1. H. G. Whittenberg, Louisville, Ky.....	\$257 600
2. English Bros., Champaign, Ill.....	296 817
3. Wahl Construction Company, Chicago, Ill.....	299 850
4. A. W. Stoolman, Champaign, Ill.....	301 397
5. King & Petry, Champaign, Ill.....	310 000
6. Jacobson Bros., Chicago, Ill.....	315 000
7. E. L. Archibald Company, Chicago, Ill.....	345 581

SHEET METAL AND ROOFING*Bidders*

	<i>Base Bids</i>
1. Twin City Roofing Company, Champaign, Ill.....	\$25 499
2. J. Smith & Company, Chicago, Ill.....	28 722
3. Industrial Roofing, Mattoon, Ill.....	29 893
4. Lloyd Roofing Company, St. Louis, Mo.....	30 161
5. F. Meyer & Brother Company, Peoria, Ill.....	30 400

HEATING*Bidder*

	<i>Base Bids</i>
1. Carson-Payson Company, Danville, Ill.....	\$13 090
2. Reliable Plumbing & Heating Company, Champaign, Ill.....	13 332
3. Johnson Bros. Plumbing & Heating Company, Cham- paign, Ill.....	13 993 70
4. Eichler Heating Company, St. Louis, Mo.....	14 537
5. Ryan Plumbing & Heating Company, Davenport, Iowa..	14 750
6. Arthur Murray Company, Hoopeston, Ill.....	14 805
7. Champaign Plumbing & Heating Company, Champaign, Ill.	14 830
8. L. H. Prentice Company, Chicago, Ill.....	15 500
9. Hanley & Company, Chicago, Ill.....	16 990
10. Mehring & Hanson, Chicago, Ill.....	17 546

PLUMBING*Bidders*

	<i>Base Bids</i>
1. Johnson Bros. Plumbing & Heating Company, Cham- paign, Ill.....	\$28 749 46
2. Arthur Murray Company, Hoopeston, Ill.....	35 049
3. Carson-Payson Company, Danville, Ill.....	35 708
4. Marcus Weil & Sons Company, Chicago, Ill.....	37 432
5. Kaiser, E. B., Chicago, Ill.....	37 840
6. Reliable Plumbing & Heating Company, Champaign, Ill..	40 426

VENTILATING*Bidders*

	<i>Base Bids</i>
1. Derrough, Harry, Champaign, Ill.....	\$4 940
2. Dring, R. W., Laporte, Ind.....	5 134
3. Minneapolis Roofing & Cornice Co., Minneapolis, Minn...	5 297
4. Eichler Heating Company, St. Louis, Mo.....	6 737
5. Haines Company, Chicago, Ill.....	7 460
6. Mehring & Hanson, Chicago, Ill.....	8 572

ELECTRIC WIRING*Bidders*

	<i>Base Bids</i>
1. Hatfield Electric Company, Indianapolis, Ind.....	\$4 442
2. Sanborn Electric Company, Indianapolis, Ind.....	5 426
3. Dexter Electric Company, Champaign, Ill.....	5 712
4. Hinkle Electric Company, Springfield, Ill.....	6 290
5. Marrs-Tanner Electric Company, Danville, Ill.....	6 600
6. Conklin, R. C., Urbana, Ill.....	7 870
7. Hughes-Krabbe, Champaign, Ill.....	8 828

On motion of Mr. Blair, all the bids for the construction of this building received on June 7, were rejected.

Professor White presented the plans for this building and as he proposed to revise them.

On motion of Mr. Armstrong, the plans for the central unit of the Woman's Gymnasium were approved as revised.

On motion of Mr. Trees, the Supervising Architect was authorized to receive bids for the central unit of the Woman's Gymnasium on the basis of the revised plans.

APPOINTMENTS TO ALLERTON TRAVELING SCHOLARSHIPS

(4) A recommendation from the Head of the Department of Architecture, concurred in by the Dean of the College, that Messrs. Paul B. Evans and Arthur S. Davis of the Class of 1931 be appointed to the two Allerton American Traveling Scholarships for the summer of 1930.

I recommend approval.

On motion of Mrs. Evans, this recommendation was adopted.

PURCHASE OF LABORATORY MATERIALS

(5) A request from the Comptroller for authority to purchase chemicals for use in the various laboratories during the year 1930-31 from the following concerns for the amount indicated in each case:

Central Scientific Company.....	\$ 302 66
W. M. Welch Manufacturing Company.....	442 51
Mallinckrodt Chemical Company.....	2 578 71
Coleman and Bell.....	533 21
E. H. Sargent and Company.....	2 881 01
Henry Heil Chemical Company.....	634 26

\$7 372 36

It is necessary to order the equipment now in order to have it available at the opening of the academic year. Provision for this purchase will be made in the 1930-31 budget.

I recommend approval.

On motion of Mr. Trees, these purchases were authorized.

GIFTS TO THE UNIVERSITY

(6) The following report of gifts received by the University:

1. From the J. T. Baker Chemical Company, a fellowship, to be known as the J. T. Baker Chemical Company Research Fellowship in Analytical Chemistry, for the year 1930-31. The holder of the Fellowship will receive a stipend of \$1,000.

2. From the Charles A. Coffin Foundation of the General Electric Company, a Charles A. Coffin Foundation Fellowship for the year 1930-31 with a stipend of \$500.

3. From Bauer & Black, manufacturers of surgical supplies, the sum of \$750 for the establishment of a fellowship for 1930-31 for fundamental x-ray research on problems and materials, such as cotton, plastic rubber, surgical sutures, etc., involved in the manufacture of surgical supplies.

4. From the Tennessee Products Corporation of Nashville, Tennessee, the sum of \$250 to supplement their previous gifts of \$1,000 in 1928 (Minutes, page 52) and \$1,000 in 1929 (Minutes, page 366) for the establishment of a research assistantship in high pressure gas reactions.

5. From the Chemical Foundation, the sum of \$1,000 for sanitary research. This is a continuation of similar gifts made in previous years.

6. From the American Society of Civil Engineers, the sum of \$1,200 as a continuation of the fund for research graduate assistantships in concrete arch investigations. This is a continuation of previous gifts for this work which was started four years ago.

7. From the Permanent Science Fund of the American Academy of Arts and Sciences, Boston, Massachusetts, the sum of \$500 for studies on irradiated ergosterol by the College of Medicine.

8. From the Grand Council of the Phi Rho Sigma Medical Fraternity, the sum of \$275 for research work on the physiological action of light in the College of Medicine.

9. From the Grinnell Company, Inc., of Providence, Rhode Island, one Grinnell Thermolier with auxiliary equipment, including the motor for its operation, valued at \$350, for the use of the Department of Mechanical Engineering.

10. From Eli Lilly Company the sum of \$1800 for the continuation of the research fellowship established in 1928. (Board Minutes, September 20, 1928, page 10).

11. From the Cold Metal Process Company, Youngstown, Ohio, the sum of \$1200 for the establishment of a fellowship for an x-ray study by the Department of Chemistry of the rolling and heat-treating of metals.

This report was received for record.

CONTRACTS AND PURCHASE ORDERS

(7) The following report from the Comptroller of contracts and purchase orders executed since the last report:

CONTRACTS EXECUTED BY THE COMPTROLLER MAY 5, 1930, TO MAY 31, 1930

Lease executed under general regulations:
(See action of Board, April 12, 1924)

<i>Leased to</i>	<i>Property</i>	<i>Rental to be received by the University</i>	<i>Date</i>	<i>Tenure</i>
Louis Nahin & Sam Edelman	Store Room, 1758 West Polk St., Chicago	\$540 per annum	March 5, 1930	May 1, 1930 to April 30, 1931

PURCHASE ORDERS ISSUED IN MAY AMOUNTING TO \$1 000 OR MORE

<i>Vendor</i>	<i>Item</i>	<i>Amount</i>	<i>Department</i>	<i>Appropriation Made in Budget For</i>	<i>Procedure</i>
Electric Coal Company	Coal	\$1080 00	Physical Plant	Physical Plant Operation	Quoted Price
Schaar and Company	Chemical Apparatus	1404 68	General Chemical Stores	General Chemical Stores	Competitive ¹
E. H. Sargent and Company	Chemical Apparatus	2654 80	General Chemical Stores	General Chemical Stores	Competitive ¹
E. H. Sargent and Company	Pyrex Glass-ware	2561 76	General Chemical Stores	General Chemical Stores	Competitive ¹
Rascher and Betzold	Chemical Apparatus	1854 42	General Chemical Stores	General Chemical Stores	Competitive ¹
A. Daigger and Company	Chemical Apparatus	1953 43	General Chemical Stores	General Chemical Stores	Competitive ¹
W. M. Welch Scientific Company	Chemical Apparatus	1111 86	General Chemical Stores	General Chemical Stores	Competitive ¹
Allis-Chalmers Manufacturing Company	Pumps and Motors	2600 00	Supervising Architect	Filtration Plant	Competitive ¹
Geo. Banta Publishing Company	Printing and Binding	1265 00	University Press	History of Campus Plan (21)	Competitive ²
American Can Company	Cans	2335 67	Horticulture	Olericulture Station 1930-31	Contract ³
Audiffren Refrigerating Machine Company	Refrigerating Unit	5849 00	Supervising Architect	Physical Plant Extension	Quoted ¹

¹Approved by Board of Trustees, May 9, 1930.

²Approved by President Kinley, May 20, 1930.

³Reported to the Board of Trustees, December 11, 1923.

H. M. EDWARDS
Purchasing Agent

This report was received for record.

PURCHASE OF ROSELAWN CEMETERY

(8) A recommendation that Roselawn Cemetery be purchased at the price of \$22,000, provided that a satisfactory title can be conveyed, and that an appropriation of \$23,000 be made from the Reserve and Contingent fund to meet the purchase price and the expense involved.

On motion of Dr. Noble, this purchase was authorized. The appropriation was made by the following vote: Aye, Mr. Armstrong, Mr. Barr, Mr. Blair, Mrs. Evans, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Emmerson, Mr. Fisher, Mrs. Grigsby.

BOND OF O'NEILL CONSTRUCTION COMPANY

Mr. Trees presented for the Finance Committee a recommendation that the surety bond of the O'Neill Construction Company covering their contract for the Medical and Dental College Laboratories, guaranteed by the Aetna Casualty and Surety Company and the Standard Accident Insurance Company (amount \$811,836), be accepted, subject to the approval of the Legal Counsel as to form.

On motion of Mr. Simpson, this recommendation was adopted.

COMMITTEE ON INTRODUCTION OF PRESIDENT CHASE

On motion of Mr. Armstrong, the President of the Board was instructed to appoint a committee of three members of the Board (of which President Barr should be Chairman) to act for the Board in all matters pertaining to the introduction of President Chase to the public.

President Barr appointed Mr. Trees and Mr. Armstrong to act with him on this committee.

OPTION ON BUSWELL PROCESS

On recommendation of Mr. Armstrong, for the Committee on Patents, and on motion of Dr. Noble, the option issued to Mr. F. N. Bard for the use of the Buswell process of cellulose digestion was extended for 60 days.

REPORT OF AUDIT

On motion of Mr. Trees, the following report of Arthur Young & Company of their audit of the accounts of the University was accepted.

May 2, 1930

Board of Trustees, University of Illinois

DEAR SIRs:

We have audited the books of the University of Illinois for the quarter ended March 31, 1930, and submit the following brief summary of the work done and the result of the audit.

The Cash Receipts have been verified by checking all cash receipts vouchers into the cash book and examining a substantial portion of the original departmental records. Cash received as recorded has been duly deposited with the University Treasurer. The warrants drawn on the University Treasurer and those certified to the State Auditor have been checked into the cash book and a substantial portion of the supporting vouchers has been examined with respect to authorization, object of expenditure and receipt of goods or services by the University. The footings of the cash book have been proved.

The Cash Balance in the hands of the University Treasurer as at March 31, 1930, together with the Securities in his custody, as shown by the books of account, have been verified by actual inspection and confirmation from the depository. Cash on hand has been verified by actual count.

The Income for the quarter under audit has been verified by extensive detail checking and comparison with the files of the Registrar and of the various operating departments. Income on securities was found to have been promptly collected and deposited with the University Treasurer.

The accounts of the Chicago Departments and of the Stadium Fund have been audited along the lines indicated above and have been found correct.

The records of the meetings of the Board of Trustees of January 7, February 5, and March 11, 1930, as well as of the meeting of the Executive Committee of the Board of Trustees, held on March 21, 1930, have been examined and all actions affecting the finances of the University, in so far as they had been consummated up to the time of our audit have been checked into the books of account. A similar examination has been made of the minutes of meetings held prior to the quarter under audit with respect to transactions uncompleted at the time of previous audits.

The records of the Purchasing Division have been examined and a number of the larger purchase orders issued have been compared with relative bids and quotations. Bids and contracts on new buildings under construction have likewise been examined and checked against the amounts reported to the Board.

We hereby certify, that so far as we have been able to ascertain by an extended detail examination:

All Income which the University should have received during the quarter ended March 31, 1930, has been received and duly accounted for.

All Disbursements have been made for University purposes and have been properly authorized and the expenditures have been correctly recorded in the books of account.

The Cash and Securities as shown by the books at March 31, 1930, are correct in amount and have been verified by actual inspection, count or confirmation from the depository.

The Report of the Comptroller to the Board of Trustees for the quarter ended March 31, 1930, a copy of which is attached hereto, is in accordance with the books and, in our opinion, is correct.

The Financial Report of the Comptroller to the Governor of the State of Illinois, for the period beginning July 1, 1929, and ended March 31, 1930, is in accordance with the books and, in our opinion, is correct.

Yours faithfully,
ARTHUR YOUNG & Co.

GRADUATE SCHOLARS AND FELLOWS

The Secretary presented for record the following supplementary list of scholars and fellows in the Graduate School, appointed by the President of the University:

Economics of	GORDON D. BRYAN	Scholarship	\$400
Public Utilities	LEE M. HESTER	Scholarship	\$400

APPOINTMENTS MADE BY THE PRESIDENT

The Secretary presented also for record a list of appointments made by the President of the University.

Bartlett, Roland Willey, First Assistant in Agricultural Economics, in the Agricultural Experiment Station, for ten months beginning September 1, 1929, and Instructor in Economics, in the College of Commerce, for ten months beginning September 1, 1929, at a cash compensation of two hundred fifty dollars (\$250) a month (this supersedes his previous appointment). (June 9, 1930)¹

Betty, Bernard Breast, Special Research Assistant in Engineering Materials, in the Engineering Experiment Station, beginning June 15, 1930, and continuing until further notice, at a cash compensation at the rate of two hundred dollars (\$200) a month. (May 26, 1930)

Coughlan, Mary, Clerk in the Graduate School, for four months beginning May 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of ninety dollars (\$90) a month (this supersedes her previous appointment). (May 15, 1930)

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

Kratz, Ethel, to give instruction in Library Science in the Summer Session of 1930, on one-half time, beginning June 16, and ending August 9, 1930, at a cash compensation of two hundred dollars (\$200) for the session. (May 9, 1930)

Lyon, Albert E., to give instruction in Spanish in the Summer Session of 1930, beginning June 16 and ending August 9, 1930, at a cash compensation of five hundred sixty-six dollars and sixty-six cents (\$566.66) for the session. (June 5, 1930)

Russell, Fannie E., (Mrs.), Director of Social Activities in the West Residence Hall, for the Summer Session beginning June 14, 1930, and continuing until August 14, 1930, at a cash compensation of one hundred thirty dollars (\$130) for the session, with maintenance, including living quarters in the Hall, board, and personal laundry, while on duty. (June 6, 1930)

Sanders, James M., to give instruction in Zoology in the Summer Session of 1930, on three-fifths time, beginning June 16, and ending August 9, 1930, at a cash compensation of one hundred fifty dollars (\$150) for the session. (May 22, 1930)

Woodruff, Wilbur John, Mechanical Engineer in the office of the Supervising Architect, for four months beginning May 1, 1930, subject to the rules of the Civil Service Commission, at a cash compensation at the rate of three hundred twenty-five dollars (\$325) a month. (May 10, 1930)

On motion of Mr. Armstrong, the Board adjourned, to meet in Chicago at the call of the President of the Board.

H. E. CUNNINGHAM
Secretary

GEORGE A. BARR
President

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MEETING OF THE BOARD OF TRUSTEES

OF THE

UNIVERSITY OF ILLINOIS

June 19, 1930



The adjourned session of the June meeting of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, at 10 o'clock a.m. on Thursday, June 19, 1930. The following members were present: President Barr, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Simpson, Mr. Trees.

President Kinley was present; also Professor Lloyd Morey and Professor J. M. White.

MINUTES APPROVED

The Secretary presented the minutes of the meetings of June 3 and June 10, 1930.

On motion of Dr. Noble, the minutes were approved as printed on pages 593 to 609 above.

LETTER FROM PRESIDENT KINLEY

The Secretary presented the following letter from President Kinley.

June 18, 1930

Mr. H. E. Cunningham, Secretary, Board of Trustees

DEAR MR. CUNNINGHAM:

This is to give you a written acknowledgment for record of my appreciation of the action of the Board at the meeting of May 9 in offering me the use of the present President's House for a period not to exceed four years at a rental of \$1500 a year after my return in 1931 and to say that I accept said offer with appreciation and thanks.

I desire also to put on your record my expression of appreciation and gratitude for the generous action of the Board in giving me leave of absence beginning August 1, next, with continued salary.

Very truly yours,

DAVID KINLEY
President

On motion of Dr. Noble, this letter was received for record.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Board considered the following matters presented by the President of the University.

RECEIPT FOR SECURITIES, TAFT FUND

(1) A receipt from Mr. H. S. Capron, Treasurer, for securities given by the Alumni Fund for the Taft Lectureship Fund.

CHAMPAIGN, Illinois
June 18th, 1930

Received of David Kinley, President of the University of Illinois at Urbana, Illinois, the following described bonds:

\$2 500 00	Central Maine Power Company First and Gen. Mtg. Series C $5\frac{1}{2}\%$ of 1949 Nos. CD38, CM796/7 Aug. 1, 1930, and subsequent coupons attached.
1 000 00	The Goodyear Tire & Rubber Company First Mtg. and Collateral Trust 5% No. M42847, due May 1, 1957 Nov. 1, 1930, and subsequent coupons attached.
500 00	The Laclede Gas Light Company First Mtg. and Refunding Gold Bond No. D1280 $5\frac{1}{2}\%$ due February 1, 1953 Aug. 1, 1930, and subsequent coupons attached.
1 000 00	Puget Sound Power & Light Company First and Refunding Mtg. Gold Bond No. M19497 Series "A" $5\frac{1}{2}\%$ due June 1, 1949 Dec. 1, 1930, and subsequent coupons attached.

HAZEN S. CAPRON
Treasurer, University of Illinois

This receipt was received for record.

TAFT LECTURESHIP FUND

(2) Supplementing the list of donors to the Taft Lectureship Fund, submitted at the meeting on June 10, 1930, I report the name of Mr. Merle J. Trees.

This report was received for record.

THE LORADO TAFT LECTURESHIP ON ART

(3) The amount of \$26,406.50 having been raised by the contributions of a number of people for the purpose of endowing a lectureship on art to be known as The Lorado Taft Lectureship on Art, I recommend the adoption by the Board of the following provisions for the management of this Fund and Lectureship:

1. The contributions to the Fund having been made with the distinct understanding that the amount raised was to be held as a perpetual trust for the capital endowment of the Lectureship, the Board of Trustees hereby pledges itself to observe this condition by investing the funds from time to time in such securities as will, in its judgment, be proper for the purpose and in accordance with the statutes of the State.

2. This endowment shall be known as The Lorado Taft Lectureship on Art.

3. The income of the endowment shall be used to provide a series of lectures each year by one or more persons eminent in some field of art, and, if deemed desirable, to publish said lectures, or some of them, from time to time, and for no other purpose.

4. The lecturer or lecturers of each year shall be selected by the President of the University on recommendation of a committee of the Faculty of the Departments of Art and Architecture to be appointed by the President from year to year. This committee may include, at the President's discretion, one or more artists of reputation outside the University. However, the invitation to deliver the first series of lectures shall be extended to Mr. Taft himself.

On motion of Mr. Trees, these regulations were adopted.

STATEMENT CONCERNING DEAN KETCHUM

(4) There is considerable uncertainty as to whether Dean Ketchum will be able to resume his duties in September. I recommend that the position of Dean of the College of Engineering be kept open until it becomes evident whether or not Dean Ketchum will be able to carry on the work of the office and not later than September 1, and that if in the opinion of the President of the Board and the President of the University he should not prove able to do so he be given a leave of absence on half-pay for the first semester of the next academic year.

On motion of Mr. Fisher, this recommendation was adopted.

**ASSIGNMENT FROM MUTUAL BENEFIT HOSPITAL FUND TO
MCKINLEY HOSPITAL**

(5) The Trustee of the University of Illinois Mutual Benefit Hospital Fund offers the sum of \$4,000 from that fund to the McKinley Hospital for equipment. I recommend that this assignment be accepted for the purchase of equipment, but that the equipment to be purchased be referred with power to act to Dr. Noble and the President of the University.

On motion of Mrs. Evans, this recommendation was adopted.

REAPPROPRIATION OF UNEXPENDED BALANCES

(6) A recommendation from the Comptroller that the following balances from the year 1929-30 be reappropriated as of July 1, 1930, to cover the expenses of work and transactions which will not have been completed by June 30. the close of the fiscal year.

I concur.

General Expense

Entrance Examinations (revolving funds)	\$1 000 00	
Alumni Directory	271 72	
Editing and Printing Laws and Regulations	1 701 75	
New Art Collections	300 00	
George Washington Bicentennial	500 00	
Restoration of Existing Art Collections	110 09	
Publication of History of Campus Plan	248 90	\$4 132 46

Agriculture

Industrial Agricultural Research	18 978 57
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Soil Survey Report—Printing.....	3 973 36 ¹	
Dairy Production College Herd—Special.....	1 454 88	
Dairy Creamery (revolving fund).....	6 862 90	
Home Economics Cafeteria (revolving fund).....	1 992 20	
Extension Revolving Fund.....	5 386 39	
Cook County Experiment Station.....	1 093 56	
Horticulture Publications.....	202 74	39 944 60
<i>Liberal Arts and Sciences</i>		
Bacteriology (equipment).....	1 300 00	
Sociology Special Equipment.....	410 00	1 710 00
<i>Engineering</i>		
Physics Special Research.....	1 428 95	1 428 95
<i>Graduate School</i>		
Illinois Archaeological Explorations.....	3 122 04	
Research in Amino Acids—Professor Rose.....	1 724 90	4 846 94
<i>Chicago Departments</i>		
Medical Museum (special equipment).....	513 04	
Dental Materia Medica and Therapeutics (wages)..	250 00	
Dental Orthodontia Graduate (revolving fund)....	542 56	
Survey of Schools of Pharmacy.....	100 00	1 405 60
<i>Miscellaneous</i>		
Summer Session 1930.....	81 703 12	
President's House.....	48 283 63	
Landscaping the Campus.....	966 28	
Land (Roselawn Cemetery).....	23 000 00	153 953 03
Sub-Total.....		(207 421 58)
<i>Special State Building Appropriations:</i>		
Agricultural Buildings.....	56 283 59	
Chemistry Annex.....	104 491 66	
Medical and Dental Laboratories.....	605 665 67	
Power Plant Addition.....	175 602 82	
Woman's Gymnasium.....	280 841 59	1 222 885 03
Total.....		<u>\$1 430 306 61</u>

On motion of Mr. Simpson, these balances were reappropriated as recommended, by the following vote: Aye, President Barr, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mrs. Grigsby.

MOVING EXPENSES OF PRESIDENT CHASE

At this point, President Barr presented the matter of the payment of the moving expenses of President Chase.

On motion of Dr. Noble, an appropriation of \$440 from the Reserve and Contingent Fund for 1930-31 to meet this expenditure was made by the following vote: Aye, President Barr, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mrs. Grigsby.

CONTRACTS, MEDICAL AND DENTAL LABORATORIES BUILDING

(7) Schedules of bids and recommendations of Granger & Bollenbacher, Architects, for the ventilating, electrical, and plumbing work, and the elevators, for the Medical and Dental College Laboratories Building.

¹To lapse September 30, 1930.

SCHEDULE OF VENTILATING BIDS RECEIVED MAY 26, 1930

	Narowets	B. & P. Htg. and Vig.	H. S. Kaiser Co.	Walker-Jamar Co.
Base Bid.....	\$65 373 00	\$67 100 00	\$68 750 00	\$69 300 00
Bond.....	973 00	991 50	1 000 00	1 100 00
Alternate No. 1 Add.....	670 00		660 00	660 00
Alternate No. 2 Add.....	330 00		310 00	550 00
Alternate No. 3 Deduct.....	3 750 00		2 050 00	102 00 (plus)
Alternate No. 4 Deduct.....	500 00		300 00	440 00
Alternate No. 5 Deduct.....	534 00	500 00	525 00	550 00
Alternate No. 6 Deduct.....	7 096 00	6 700 00	6 460 00	7 500 00
Alternate No. 7 Deduct.....	225 00		200 00	480 00
Alternate No. 8 Deduct.....			2 800 00	

	Atlas Vent. Co.	The Haines Co.	Western Vig. & Eng.	Wolf Bros.
Base Bid.....	\$69 881 00	\$71 764 00	\$71 897 00	\$72 423 00
Bond.....	1 000 00	1 061 00	800 00	1 070 30
Alternate No. 1 Add.....	671 00		650 00	671 00
Alternate No. 2 Add.....	332 00	300 00	300 00	332 00
Alternate No. 3 Deduct.....	2 197 00	2 600 00		1 193 00
Alternate No. 4 Deduct.....	205 00	425 00		430 00
Alternate No. 5 Deduct.....	590 00	498 00		535 00
Alternate No. 6 Deduct.....	6 257 00	6 407 00	7 200 00	7 928 00
Alternate No. 7 Deduct.....	200 00	200 00	250 00	200 00

	Gillespie-Dwyer	Mehring & Hanson	The Zack Co.
Base Bid.....	\$72 930 00	\$74 976 00	\$76 663 00
Bond.....	1 078 00	742 00	1 100 00
Alternate No. 1 Add.....	610 00	670 00	671 00
Alternate No. 2 Add.....	302 00	330 00	400 00
Alternate No. 3 Deduct.....	2 375 00	1 000 00	1 560 00
Alternate No. 4 Deduct.....	300 00	300 00	490 00
Alternate No. 5 Deduct.....	530 00	1 200 00	231 00
Alternate No. 6 Deduct.....	6 409 00	6 850 00	7 432 00
Alternate No. 7 Deduct.....	200 00	200 00	275 00

ELECTRIC WIRING BIDS

	Chester Johnson	Harmon Elec.	Bambula Bach	Hoffman Elec.	Sweningson	Schulman
Base Bid No. 1.....	\$49 820 00	\$52 817 00	\$53 875 00	\$54 762 00	\$55 484 00	\$55 735 00
Bond.....	700 00	800 00	835 00	1 075 00	820 00	976 00
Bid No. 2.....						
Bid No. 3 Deduct..	315 00	315 00	345 00	425 00	381 00	372 00
Bid No. 4.....	8 569 00	9 068 00	5 395 00	7 980 00	9 478 00	15 570 00

	Wadeford Electric	E. P. Allison	Fries-Walters	L. H. Lamont	Mead Electric	Livingston	Casey Electric
Base Bid No. 1.....	\$55 894 00	\$56 000 00	\$56 132 00	\$57 000 00	\$57 000 00	\$57 430 00	\$59 980 00
Bond.....	825 00	1 120 00	830 00	900 00	1 000 00	861 45	899 70
Bid No. 2.....	315 00						
Bid No. 3 Deduct....	315 00	589 00	395 00		375 00	455 00	315 00
Bid No. 4.....	5 500 00	9 730 00	9 100 00		6 232 00	16 100 00	8 400 00

PLUMBING BIDS

	United Pbg. & Htg.	Marcus Weil & Sons	M. J. Corboy Company	Carl John Stein Co.	Kats and Lewis
Base Bid No. 1.....	\$56 700 00	\$63 395 00	\$64 210 00	\$64 458 00	\$65 775 00
Bond.....	567 00	937 00	963 15	638 00	986 66
Alternate No. 2 Deduct.....		1 660 00	1 600 00		1 550 00
Alternate No. 3 Add.....	3 075 00	1 890 00 (Add)	1 550 00	1 200 00	1 650 00
Alternate No. 4 Deduct.....	850 00	1 265 00	1 025 00	1 500 00	980 00
Alternate No. 5 Deduct.....	2 480 00	2 750 00	2 760 00	2 700 00	2 200 00
Alternate No. 6 Deduct.....	350 00	415 00	615 00	425 00	290 00

	Barron & Shapiro	H. P. Reger	Samuel Kersten	Rohn & Watson	Economy Pbg. & Htg. Co.
Base Bid No. 1.....	\$65 975 00	\$66 957 00	\$69 300 00	\$72 937 00	\$74 300 00
Bond.....	975 00	989 50	1 039 00	1 077 00	1 145 00
Alternate No. 2 Deduct.....	1 440 00	1 500 00			
Alternate No. 3 Add.....	4 150 00	15 015 00 (Add)	5 000 00	936 00	1 200 00
Alternate No. 4 Deduct.....	900 00	1 847 00	400 00	1 164 00	1 000 00
Alternate No. 5 Deduct.....	2 670 00	2 640 00	2 678 00	3 500 00	2 600 00
Alternate No. 6 Deduct.....	255 00	585 00	300 00	200 00	700 00

WOMAN'S GYMNASIUM—PLUMBING

<i>Bidder</i>		<i>Base Bids</i>
1.	Johnson Bros. Plumbing & Heating Co., Champaign, Ill.....	\$21 694 00
2.	Arthur Murray Company, Hoopeston, Ill.....	35 049 00
3.	Carson-Payson Company, Danville, Ill.....	35 708 00
4.	Marcus Weil & Sons Company, Chicago, Ill.....	37 432 00
5.	Kaiser, E. B., Chicago, Ill.....	37 849 00
6.	Reliable Plumbing & Heating Co., Champaign, Ill.....	40 426 00

WOMAN'S GYMNASIUM—SHEET METAL AND ROOFING

A—Quarry from which slate is taken.

B—Add or deduct if other slate from other quarry is used.

C—Add or deduct if other slate from other quarry is used.

<i>Bidders</i>	<i>Base Bids</i>	<i>B</i>		<i>C</i>	
		<i>Add</i>	<i>Deduct</i>	<i>Add</i>	<i>Deduct</i>
1. Industrial Roofing.....	\$22 983	Rising & Nelson	.....	.....	.....
2. Lloyd Roofing Co.....	25 700	Rising & Nelson	.....	.....	.....
3. F. Meyer & Bros. Co.....	22 784	Rising & Nelson ¹	.....	.....	(?)
4. J. Smith & Co.....	23 535	Rising & Nelson	.....	.....	.....
5. Twin City Roofing Co....	24 395	Rising & Nelson	(Vendor) 3 600	.....	.....

¹Verde Unique 3/4"-3/8" random lengths and widths.

If 1/2" x 12 x R Verde Unique, Rising & Nelson Co., is used, deduct \$4 016 00. If 1/2" x 12 x R Buckingham, Rising & Nelson Co., is used, deduct \$4 679 00.

WOMAN'S GYMNASIUM—ELECTRIC WIRING

<i>Bidders</i>	<i>Bids</i>
1. Hatfield Electric Co.....	\$4 285
2. Hinkle Electric Co.....	6 216
3. Hughes-Krabbe Co.....	.....
4. Marrs-Tanner Elec. Co.....	5 800

GENERAL CONTRACT

1. A recommendation that the general contract be awarded to Mr. H. G. Whittenberg, of Louisville, Kentucky, on the basis of his low bid of \$226,000, subject to the acceptance of deductions A and B.

On motion of Mrs. Evans, this contract was awarded to the lowest bidder, H. G. Whittenberg, as recommended.

Mr. Whittenberg was introduced and made a statement to the Board.

HEATING, PLUMBING, AND ELECTRIC WIRING

2. A recommendation that the contracts for the heating and plumbing be awarded to the lowest bidders, Johnson Brothers, on the basis of their bids of \$9400 for heating and \$21,694 for plumbing, and that the contract for electric wiring be awarded to the lowest bidders, the Hatfield Electric Company, on the basis of their bid of \$4285.

On motion of Dr. Noble, the contract for heating was awarded to the lowest bidders, Johnson Brothers, as recommended.

On motion of Mr. Fisher, the contract for plumbing was awarded to the lowest bidders, Johnson Brothers, as recommended.

On motion of Mr. Trees, the contract for electric wiring was awarded to the lowest bidders, the Hatfield Electric Company, as recommended.

TERRA COTTA VASES

The Supervising Architect presented bids for 60 terra cotta vases, recommended by Mr. Platt and Mr. Vitale for use in landscaping the campus.

Winkle Terra Cotta Company.....	\$4694
Northwestern Terra Cotta Company.....	1621
American Terra Cotta Company.....	1474

On motion of Mrs. Evans, this contract was awarded to the lowest bidder, the American Terra Cotta Company, as recommended.

BUDGET FOR 1930-1931

(9) I submit the budget for the fiscal year beginning July 1, 1930, and the academic year beginning September 1, 1930, with the request that it be approved and that the President of the University be authorized to make such changes and adjustments as may be necessary, to make such additional appointments as are necessary, and to accept resignations offered, in accordance with the needs of the University and the equitable interests involved.

On motion of Dr. Noble, the budget was approved, and authority was granted to the President of the University, as requested, by the following vote: Aye, President Barr, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emerson, Mrs. Grigsby.

Explanatory Notes

Departmental appropriations are made under the captions "Salaries" and "Expense and Equipment." Unless otherwise indicated, no transfers may be made between these appropriation captions except with the approval of the President of the University.

Appropriations for Salaries are available for the term indicated in each case but not for more than one year from September 1. All balances lapse at the end of the term indicated or at August 31.

Funds appropriated for positions in the salary budget which are not yet filled may, pending regular appointments, be drawn against for services of employees temporarily engaged to do the work contemplated by the position and for no other purpose. When appointments are made at salary rates less than the amounts provided in the budget, the unused funds will not be available for use except with the approval of the President.

Appropriations for Expense and Equipment are available for one year beginning July 1 and ending June 30. These appropriations are based on an estimated distribution of expenditures according to the various budget classifications of "Wages, Office Expense, etc." Expenditures must be made in approximate accord with that distribution, material departure from which must be approved in advance by the Dean of the College concerned, the Director of the general department concerned, or the corresponding general officer, and in all cases by the Comptroller. All unencumbered balances in these appropriations lapse June 30.

ESTIMATED BUDGET INCOME FOR THE FISCAL YEAR 1930-1931

	<i>General Income</i>	<i>Restricted Income</i>	<i>Total</i>
State Appropriation for Operation, Maintenance and Equipment			
Salaries and Wages.....\$3	515 000 00		\$3 515 000 00
Office Expense.....	150 000 00		150 000 00
Travel.....	35 000 00		35 000 00
Operation.....	485 000 00		485 000 00
Repairs.....	160 000 00		160 000 00
Equipment.....	290 000 00		290 000 00
Improvements other than Buildings.....	130 000 00		130 000 00
<i>Total</i>	(4 765 000 00)		(4 765 000 00)
State Appropriation for Cook County Experiment Station (Agriculture).....		\$ 10 000 00	10 000 00
Federal Grants			
Interest on Endowment Fund (Land Grant of 1862, paid by State).....	32 450 66		32 450 66
Morrill and Nelson Acts.....	50 000 00		50 000 00
Hatch and Adams Acts (Agriculture).....		30 000 00	30 000 00
Smith-Hughes Act (State Board of Vocational Education).....		16 000 00	16 000 00
Smith-Lever Act (Agriculture).....		239 624 34	239 624 34
Capper-Ketcham Act (Agriculture).....		40 167 48	40 167 48
Purnell Act (Agriculture).....		60 000 00	60 000 00
<i>Total</i>	(82 450 66)	(385 791 82)	(468 242 48)
Student Fees			
Gross.....	900 000 00		900 000 00
Estimated Refunds.....	30 000 00		30 000 00
<i>Net</i>	(870 000 00)		(870 000 00)
McKinley Endowment (Economics).....		5 400 00	5 400 00
Miscellaneous Income.....	120 000 00		120 000 00
Agricultural Sales (excluding Revolving Funds).....		139 660 00	139 660 00
Departmental Revolving Funds			
Agricultural.....		121 940 00	121 940 00
Other.....		10 075 00	10 075 00
<i>Total</i>		(132 015 00)	(132 015 00)
Self-supporting Enterprises.....		197 000 00	197 000 00
Expendable Trust Funds.....		204 227 00	204 227 00
<i>Total Estimated Income</i>	5 837 450 66	1 074 093 82	6 911 544 48
Proposed Appropriations.....	5 785 672 00	1 033 093 82	6 818 765 82
Unappropriated Balance.....\$	51 778 66	\$ 41 000 00 ¹	\$ 92 778 66

¹Estimated surplus from self-supporting enterprises.

SUMMARY OF BUDGET APPROPRIATIONS, 1930-1931

	<i>From General Income</i>	<i>From Restricted Income</i>	<i>Total</i>
<i>Urbana-Champaign Departments</i>			
<i>General</i>			
General Administrative Offices and General Expense....\$	385 111 00	\$ 8 475 00	\$ 393 586 00
Library.....	280 869 00		280 869 00
Physical Plant Operation.....	682 134 00		682 134 00
Physical Plant Extension.....	130 000 00		130 000 00
<i>Colleges and Schools</i>			
Liberal Arts and Sciences.... 1	167 485 00		1 167 485 00
Journalism.....	29 805 00		29 805 00
Commerce.....	213 515 00	5 400 00	218 915 00
Education.....	173 325 00	16 000 00	189 325 00
Engineering.....	679 176 00		679 176 00
Agriculture			
University Appropriations..	750 500 00	30 000 00	780 500 00
Cook County Experiment Station (State).....		10 000 00	10 000 00
Purnell, Smith-Lever and Capper-Ketcham.....		339 791 82	339 791 82
Sales.....		261 600 00	261 600 00
Total Agriculture.....	(750 500 00)	(641 391 82)	(1 391 891 82)
Library Science.....	28 800 00		28 800 00
Law.....	82 250 00		82 250 00
Music.....	58 515 00		58 515 00
Graduate School.....	66 650 00		66 650 00
Physical Welfare.....	129 200 00		129 200 00
Military.....	18 810 00		18 810 00
Summer Session (1931).....	84 000 00		84 000 00
<i>Chicago Departments</i>			
Chicago General Administra- tion and Physical Plant...	102 169 00		102 169 00
Medicine.....	458 518 00		458 518 00
Dentistry.....	152 190 00	1 600 00	153 790 00
Pharmacy.....	112 650 00		112 650 00
Sub-total..... (5	785 672 00)	(672 866 82)	(6 458 538 82)
Self-supporting Enterprises...		156 000 00	156 000 00
Expendable Trust Funds.....		204 227 00	204 227 00
<i>Grand Total</i>	\$5 785 672 00	\$1 033 093 82	\$6 818 765 82

SUMMARY OF BUDGET APPROPRIATIONS, 1930-1931

<i>Urbana-Champaign Departments</i>	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>General</i>			
General Administrative Offices and General Expense.....	\$ 246 365 00	\$ 147 221 00	\$ 393 586 00
Library.....	135 850 00	145 019 00	280 869 00
Physical Plant Operation.....	33 134 00	649 000 00	682 134 00
Physical Plant Extension.....		130 000 00	130 000 00
<i>Colleges and Schools</i>			
Liberal Arts and Sciences.....	1 036 780 00	130 705 00	1 167 485 00
Journalism.....	26 550 00	3 255 00	29 805 00
Commerce.....	212 890 00	6 025 00	218 915 00
Education.....	169 600 00	19 725 00	189 225 00
Engineering.....	592 886 00	86 290 00	679 176 00
<i>Agriculture</i>			
University Appropriations..	495 242 00	285 258 00	780 500 00
Cook County Experiment Station (State).....	2 800 00	7 200 00	10 000 00
Purnell Fund.....	36 838 56	23 161 44	60 000 00
Smith-Lever Fund.....	206 406 64	33 217 70	239 624 34
Capper-Ketcham Fund.....	35 873 36	4 294 12	40 167 48
Sales.....	4 940 00	256 660 00	261 600 00
Total, Agriculture.....	(782 100 56)	(609 791 26)	(1 391 891 82)
Library Science.....	26 300 00	2 500 00	28 800 00
Law.....	78 700 00	3 550 00	82 250 00
Music.....	54 740 00	3 775 00	58 515 00
Graduate School.....	36 300 00	30 350 00	66 650 00
Physical Welfare.....	104 200 00	25 000 00	129 200 00
Military.....	15 560 00	3 250 00	18 810 00
Summer Session (1931).....	80 000 00	4 000 00	84 000 00
<i>Chicago Departments</i>			
<i>Chicago General and Physical</i>			
Plant.....	14 060 00	88 109 00	102 169 00
Medicine.....	354 793 00	103 725 00	458 518 00
Dentistry.....	119 840 00	32 950 00	152 790 00
Pharmacy.....	88 450 00	25 200 00	113 650 00
Sub-total.....	(4 209 098 56)	(2 249 440 26)	(6 458 538 82)
Self-supporting Enterprises....	9 250 00	146 750 00	156 000 00
Expendable Trust Funds.....	97 170 00	107 057 00	204 227 00
<i>Grand Total.....</i>	<i>\$4 315 518 56</i>	<i>\$2 503 247 26</i>	<i>\$6 818 765 82</i>

The Salary Budget

Unless otherwise indicated in the Budget:

1. All appointments begin September 1, 1930.
2. C.S. (Civil Service) appointments are for one year. Appointees to stenographic and clerical positions are assigned to departments at the convenience of the University. The University reserves the right to change such assignments during the year if the needs of the University and of the departments require such action.
3. Salaries of positions of the rank of Associate and above are paid in twelve equal monthly installments. Salaries of other ranks, in ten equal monthly installments.
4. The service required in all positions in experiment stations and bureaus of research, and in research positions in other departments, is for a full year of twelve months, with allowance of one month for vacations, and salaries are paid in twelve equal monthly installments.
5. The service required in all other positions—administrative, clerical, and service positions—is for a full year of twelve months, with allowance for vacations, and salaries are paid in twelve equal monthly installments.

Symbols

- A—Indefinite
- B—Two years from September 1, 1929
- D—One year
- E—Ten months
- F—Special tenure
- G—Part time; the number following this symbol indicates the fraction of time in per cent.

**GENERAL ADMINISTRATIVE OFFICES AND DEPARTMENTS
AND GENERAL EXPENSE**

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>Administrative Offices and General De- partments</i>			
Board of Trustees.....	\$ 1 000 00	\$ 8 200 00	\$ 9 200 00
President's Office.....	42 080 00	3 900 00	45 980 00
Legal Counsel.....	1 380 00	240 00	1 620 00
Business Office.....	77 060 00	13 525 00	90 585 00
Registrar's Office.....	31 900 00	16 500 00	48 400 00
Dean of Men.....	17 700 00	16 115 00	33 815 00
Dean of Women.....	13 970 00	4 000 00	17 970 00
Senate.....	800 00	400 00	1 200 00
Information Office.....	2 500 00	2 150 00	4 650 00
University Press.....	7 200 00	18 100 00	25 300 00
Military Bands.....	11 150 00	2 300 00	13 450 00
High School Visitor.....	16 400 00	3 600 00	20 000 00
High School Conference.....		2 500 00	2 500 00
Publicity.....	7 350 00	3 750 00	11 100 00
Alumni Records.....	9 400 00	3 223 00	12 623 00
Community Adviser.....	4 500 00	1 500 00	6 000 00
Photography.....			
<i>General Expense</i>			
Historical and Publishing.....		4 000 00	4 000 00
Student's Handbook.....		500 00	500 00
Honor's Day.....		650 00	650 00
Council of Administration.....		1 750 00	1 750 00
Convocations.....		1 000 00	1 000 00
Commencement.....		3 000 00	3 000 00
Radio Station.....		3 108 00	3 108 00
Visiting Professorships, Lectures, and other functions.....		8 000 00	8 000 00
Educational Conferences and In- vestigations.....		1 500 00	1 500 00
Injuries to Employees.....		3 000 00	3 000 00
President's Reception and Enter- tainment Fund.....		3 000 00	3 000 00
President's Incidental and Emer- gency Fund.....		1 500 00	1 500 00
Membership in Organizations.....		710 00	710 00
Audits.....		2 500 00	2 500 00
Intramural Debating.....		500 00	500 00
Patents on Discoveries and Inven- tions.....		1 000 00	1 000 00
Premium on Treasurer's Bond.....		5 000 00	5 000 00
<i>Sub-total</i>	(244 390 00)	(140 721 00)	(385 111 00)
Revolving			
Entrance Examinations Fund..	1 975 00	6 500 00	8 475 00
<i>Total</i>	\$246 365 00	\$147 221 00	\$393 586 00

Administrative and General**PRESIDENT'S OFFICE**

		<i>Salary</i>
1. David Kinley, President and Professor of Economics, <i>Emeritus</i> (On leave with full salary, August 1, 1930-August 31, 1931)		\$ 15 000 ¹
2. Harry W. Chase, President	A	20 000
3. A. J. Janata, Private Secretary and Assistant to the President (Exempt)	D	5 000
4. H. B. Johnston, Executive Secretary (C. S.)		4 500
5. Albert R. Lee, Chief Clerk (C. S.)		2 000
6. _____, Stenographer (C. S.)		1 700
7. Elizabeth P. McEvoy, Stenographer (C. S.)		1 500
8. Marie Bierfeldt (Mrs.), Stenographer (C. S.)		1 380
<i>Total, President's Office</i>		<u>\$ 42 080</u>

BOARD OF TRUSTEES

1. H. E. Cunningham, Secretary	D	\$ 1 000
(See University Press)		4 000)
(Total Salary)		5 000)

LEGAL COUNSEL

1. Sveinbjorn Johnson, Legal Counsel	D	\$
Professor of Law	A	. . . . .
(Salary under College of Law)		
2. Naomi Fleming, Stenographer (C. S.)		1 380

BUSINESS OFFICE

(The divisions into which this budget is divided are for administrative convenience only.)

General

1. Lloyd Morey, Comptroller	D	\$
Professor of Accountancy	A	8 500
2. A. E. Lee, Statistician (C. S.)		3 400
3. Merle Rhoads, Chief Clerk (C. S.)		1 800
4. Jean Gall, Stenographer (C. S.)		1 320
5. Genevieve Vencill, Typist (C. S.)		1 320

Auditing and Accounting Division

6. C. H. Pratt, Auditor (C. S.)		4 500
7. A. Lincicome, Chief Accountant (C. S.)		3 700
8. S. C. Smith, Assistant Auditor (C. S.)		2 300
9. L. M. Dahlenburg, Junior Accountant (C. S.)		1 900
10. G. E. Gere, Junior Accountant (C. S.)		1 400
(From Residence Halls and Hospitals)		500)
(Total Salary)		1 900)
11. Florence Cunningham, Stenographer (C. S.)		1 500
12. Helen Norton, Clerk (C. S.)		1 440
13. Pauline Phillips (Mrs.), Bookkeeper (C. S.)		1 260
14. J. T. Douglass, Bookkeeper (C. S.)		1 080
15. Ione Robbins, Clerk and Typist (C. S.)		1 140
16. Clarana Lowery, Typist (C. S.)		1 140

Bursar's Division

17. H. B. Ingalls, Bursar (C. S.)		5 000
18. C. A. Webber, Assistant Bursar (C. S.)		3 200
19. H. A. Hazleton, Cashier (C. S.)		2 200
20. J. I. Johnson, Assistant Cashier (C. S.)		1 800
21. Alice Matheny, Clerk (C. S.)		1 200
(From Residence Halls)		300)
(Total Salary)		<u>1 500)</u>

¹\$9000 from special appropriation and not included in total.

	<i>Salary</i>
22. G. W. Michael, Assistant Cashier (C. S.).....	1 200
23. Hortense Scott, Payroll Clerk (C. S.).....	1 260
24. Ruth Clinite, Stenographer (C. S.).....	1 200
25. R. F. Wood, Bookkeeper (C. S.).....	1 020
26. _____, Stenographer (C. S.).....	1 020
27. Ellynor Vagtborg, File Clerk (C. S.).....	960

Purchasing Division

28. H. M. Edwards, Purchasing Agent (C. S.).....	5 400
29. J. E. Millizen, Assistant Purchasing Agent (C. S.).....	4 000
30. W. M. Tullock, Traffic Clerk (C. S.).....	2 700
31. E. G. Smith, Inventory Clerk (C. S.).....	1 800
32. H. F. Thornes, Clerk (C. S.).....	1 500
33. Zelia Ulum, Stenographer (C. S.).....	1 500
34. Augusta Moore (Mrs.), Typist (C. S.).....	1 380
35. Calla Blaisdell, Stenographer (C. S.).....	1 020
36. J. M. Lindgren, Supervisor of General Chemical Storeroom (From Applied Chemistry Testing Fund..... (From General Chemical Storeroom..... (Total Salary.....	D 2 750) 750) 3 500 ¹
37. C. C. Crawford, Storekeeper (C. S.) (From General Chem- ical Storeroom.....	1 800)
38. W. L. Bennett, Stock Record Clerk (C. S.) (From General Chemical Storeroom.....	1 800)
39. W. K. Lumsden, Head Storekeeper (C. S.) (From Office Supply Storeroom.....	2 100)
40. F. C. Pearson, Assistant Storekeeper (C. S.) (From Office Supply Storeroom.....	1 080)
<i>Total, Business Office.....</i>	<i>\$ 77 060</i>

REGISTRAR'S OFFICE

(The divisions into which this budget is divided are for administrative convenience only.)

1. G. P. Tuttle, Registrar (C. S.).....	\$ 5 500
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Admissions

2. D. A. Grossman, Examiner (C. S.).....	3 150
(Accountancy Fund.....	700)
(Entrance Examinations.....	350)
(Total Salary.....	4 200)
3. E. C. Seyler, Assistant Examiner (C. S.).....	300
(Entrance Examinations.....	975)
(Total Salary.....	1 275)
4. Harriet Hamm, Assistant Examiner (C. S.).....	2 100
5. Zella Hall, Assistant Examiner (C. S.).....	1 000
(Accountancy Fund.....	1 100)
(Total Salary.....	2 100)

Records

6. L. A. Boice, Recorder (C. S.).....	3 000
7. Tabitha J. Broadhurst, Assistant Recorder (C. S.).....	2 000
8. Priscilla Howe, Assistant Recorder (C. S.).....	2 000
9. Verna L. Everett, Record Clerk (C. S.).....	960
10. Rosene Hawthorne, Record Clerk (C. S.).....	1 200
11. Doris M. Brown, Record Clerk (C. S.).....	960
12. Mildred Potts (Mrs.), Record Clerk (C. S.).....	1 020

¹Also from Athletic Association: 1929-30, \$1700; 1930-31, \$1900.

Statistics

13. Margaret Smith Van Duyn (Mrs.), Junior Registration Clerk (C. S.).....	Salary	
	I	400
14. Mary E. Johnston, Record Clerk (C. S.).....	I	020

General

15. Alta Bagott, Filing Clerk (C. S.).....	I	500
16. Lucy J. Tucker (Mrs.), General Assistant (C. S.).....		960
17. Louise Kobel (Mrs.), Stenographer (C. S.).....		550
(Entrance Examinations.....)		650)
(Accountancy Fund.....)		300)
(Total Salary.....)	I	500)
18. Arminta Ervin, Stenographer (C. S.).....	I	120
19. Carrie McGreevey, Stenographer (C. S.).....	I	200
20. _____, Stenographer (C. S.).....		960
<i>Total, Registrar's Office.....</i>		\$ 31 900

DEAN OF MEN

1. _____, Dean of Men.....		\$ 8 000
2. F. H. Turner, Assistant Dean of Men.....	D	4 000
3. G. H. Smith, Assistant Dean of Men.....	D	2 400
4. C. R. Frederick, Assistant Dean of Men.....	D	1 700
5. Hazel Yates, Secretary to Dean of Men (Exempt).....	D	1 600
<i>Total, Dean of Men.....</i>		\$ 17 700

DEAN OF WOMEN

1. Maria Leonard, Dean of Women.....	D	\$ 6 000
2. Irene D. Pierson, Assistant to the Dean of Women.....	D	2 150
3. Mary Trenchard, Assistant to the Dean of Women.....	D	1 600
4. Frances E. Swanson, Secretary (Exempt).....	D	1 700
5. Nettie Roberts, Stenographer (C. S.).....		1 440
6. Mildred H. Schroeder, Clerk (C. S.).....		1 080
<i>Total, Dean of Women.....</i>		\$ 13 970

HIGH SCHOOL VISITOR

1. A. W. Clevenger, High School Visitor.....	D	\$ 5 500
2. H. A. Hollister, Professor, <i>Emeritus</i>		2 400
3. H. D. Trimble, Assistant High School Visitor.....	D	4 000
4. F. C. Hood, Assistant High School Visitor.....	D	3 000
5. Frances M. Laughner, Secretary (C. S.).....		1 500
<i>Total, High School Visitor.....</i>		\$ 16 400

UNIVERSITY PRESS

1. H. E. Cunningham, Director of the University Press and Information Office, Secretary of the Board of Trustees (See Board of Trustees.....)	D	\$ 4 000
(Total Salary.....)		1 000)
(Total Salary.....)		5 000)
2. C. W. Reagan, Superintendent of Print Shop (C. S.) (Print Shop.....)		4 000)
3. _____, Editorial Assistant (C. S.).....		1 800
4. Maude Archdeacon, Stenographer (C. S.).....		1 400
<i>Total, University Press.....</i>		\$ 7 200

INFORMATION OFFICE

			<i>Salary</i>
1. H. E. Cunningham, Director.....	D	\$	.....
(Salary under University Press and Board of Trustees)			
2. Anna L. Neuber, Assistant Director (C. S.).....			2 500

PUBLICITY AND RADIO

1. J. F. Wright, Director of Publicity and Director of Radio Station, Associate Professor of Journalism.....	D	\$	5 750
2. F. E. Schooley, Assistant to the Publicity Director.....	DG75		1 600
(See Journalism.....)			
(Total Salary.....)			
			2 200
<i>Total, Publicity and Radio.....</i>		\$	7 350

MILITARY BANDS

1. A. A. Harding, Director and Professor of Music.....	A	\$	4 000
(See School of Music.....)			
(Total Salary.....)			
			6 000
2. R. F. Dvorak, Assistant Director.....	EG50		1 600
(See School of Music.....)			
(Total Salary.....)			
			3 000
3. _____, Assistant.....	EG25		450
(See School of Music.....)			
(Total Salary.....)			
			1 050
4. Velma I. Roberts (Mrs.), Secretary (C. S.).....			1 600
5. 65 student assistantships for bandmen (\$25 per semester) and services of band members at Commencement.....			3 500
<i>Total, Military Bands.....</i>		\$	11 150

UNIVERSITY SENATE**COMMITTEE ON STUDENTS' ENGLISH**

1. R. Fisher, Secretary.....	EG40	\$	800
(See English.....)			
(Total Salary.....)			
			1 200
			2 000

ALUMNI RECORDS

1. C. J. Roseberry, Alumni Recorder (C. S.).....		\$	3 000
(Paid by Athletic Association.....)			
(Paid by Alumni Association.....)			
(Total Salary.....)			
			3 000
2. Gleya Goodwine, Chief Clerk (C. S.).....			7 000
3. Gertrude E. Stanton, Editorial Assistant and Stenographer (C. S.).....			2 500
4. Ramona L. Walker (Mrs.), Bookkeeper and Filing Clerk (C. S.).....			1 320
5. Christine F. Aden, Clerk and Typist (C. S.).....			1 320
			1 260
<i>Total, Alumni Records.....</i>		\$	9 400

COMMUNITY ADVISER

1. R. E. Hieronymus, Community Adviser.....	B	\$	4 500
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LIBRARY

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>Salaries</i>			
Administration.....	\$ 11 940 00		\$ 11 940 00
Order Department.....	20 070 00		20 070 00
Binding Department.....	3 800 00		3 800 00
Periodical Department.....	4 180 00		4 180 00
Catalog Department.....	40 960 00		40 960 00
Loan Department.....	16 700 00		16 700 00
Reference Department.....	10 200 00		10 200 00
Departmental Libraries			
Urbana.....	23 900 00		23 900 00
Chicago, Medicine & Dentistry.....	4 100 00		4 100 00
<i>Total, Departmental Libraries</i>	28 000 00		28 000 00
<i>Total Salaries</i>	(135 850 00)		(135 850 00)
<i>Expense and Equipment</i>		\$ 28 039 00	28 039 00
<i>Library Additions</i>			
Commerce.....		3 000 00	3 000 00
Architecture.....		1 325 00	1 325 00
Law.....		10 000 00	10 000 00
Medicine and Dentistry.....		10 000 00	10 000 00
Pharmacy.....		1 000 00	1 000 00
General (all other departments)...		90 000 00	90 000 00
<i>Total, Library Additions</i>		(115 325 00)	(115 325 00)
<i>Grand Total</i>	\$135 850 00	\$145 019 00	\$280 869 00

Administration

(The divisions into which this budget is divided are for administrative convenience only.)

1. P. L. Windsor, Director of the University Library and Library School.....	D	\$
Professor of Library Science.....	A	6 500
2. Mary L. Bull, General Assistant (C. S.).....		1 800
3. Mildred A. Jones, Stenographer (C. S.).....		1 200
4. Grace Goodmann, Stenographer (C. S.).....		1 000
5. E. Wharmby, Helper (C. S.).....		1 440
<i>Total, Administration</i>		\$ 11 940

Order Department

1. Willia K. Garver, Order Librarian (C. S.).....	\$ 2 800
2. Icko Iben, Exchange Assistant (C. S.).....	2 300
3. Dorothy Moyer, Assistant (C. S.).....	1 800
4. Kathleen M. Ruckman, Assistant (C. S.).....	1 600
5. _____, Assistant (C. S.).....	1 500
6. _____, Assistant (C. S.).....	1 400
7. Edith McRoberts, Assistant (C. S.).....	1 500
8. _____, Assistant (C. S.).....	1 350
9. _____, Assistant (C. S.).....	1 500
10. Louise Wohlfarth, Bookkeeper-Clerk (C. S.).....	1 320
11. _____, Stenographer (C. S.).....	960
12. Martha Konradt, Stenographer (C. S.).....	1 140
13. _____, Clerk (C. S.).....	900
<i>Total, Order Department</i>	\$ 20 070

Binding Department

		<i>Salary</i>
1. Josie B. Houchens, Lecturer in Library School and Binding Librarian.....	D	\$ 2 500
2. _____, Assistant (C. S.).....		1 300
<i>Total, Binding Department.....</i>		<i>\$ 3 800</i>

Periodical Department

1. Katherine Doyle, Library Assistant (C. S.).....		\$ 2 000
2. _____, Clerk (C. S.).....		1 080
3. _____, Library Assistant (C. S.).....		1 100
<i>Total, Periodical Department.....</i>		<i>\$ 4 180</i>

Catalog Department

1. Adah Patton, Lecturer in Library School and Catalog Librarian.....	D	\$ 3 000
2. Amanda M. Flattery, Retired.....		760
3. Eleanor M. Robertson, Catalog Reviser (C. S.).....		2 400
4. Cleo Lichtenberger, Cataloger (C. S.).....		2 200
5. Edith C. Jones, Cataloger (C. S.).....		1 700
6. Esther Anell, Cataloger (C. S.).....		2 100
7. Katherine M. Wheeler, Cataloger (C. S.).....		2 000
8. Wilma Troxel, Cataloger (C. S.).....		1 500
9. Meta M. Sexton, Cataloger (C. S.).....		1 900
10. C. U. Faye, Cataloger (C. S.).....		2 200
11. Elva L. Krogh, Cataloger (C. S.).....		1 400
12. Mary Mann, Cataloger (C. S.).....		1 900
13. Doris Achelpohl, Cataloger (C. S.).....		1 500
14. Gertrude C. Grainger, Cataloger (C. S.).....		1 450
15. Edna M. Brown, Cataloger (C. S.).....		1 800
16. _____, Cataloger (C. S.).....		1 400
17. _____, Cataloger (C. S.).....		1 400
18. Mildred H. Hughes (Mrs.), Cataloger (C. S.).....		1 450
19. _____, Cataloger (C. S.).....	G75	1 000
20. _____, Cataloger (C. S.).....		1 400
21. _____, Cataloger (C. S.).....		1 400
22. Lellia F. Swearingen, Typist and Multigraph Operator (C. S.).....		1 400
23. Elizabeth Beedle, Clerk (C. S.).....		1 260
24. Audrey M. Sexton, Clerk (C. S.).....		1 300
25. Eula Clanton, Typist (C. S.).....		1 140
<i>Total, Catalog Department.....</i>		<i>\$ 40 960</i>

Loan Department

1. Emma R. Jutton, Lecturer in Library School and Loan Librarian.....	D	\$ 2 800
2. _____, Assistant (C. S.).....		1 800
3. Helen Stewart, Assistant (C. S.).....		1 500
4. Cecelia McCarthy, Assistant (C. S.).....		1 600
5. _____, Assistant (C. S.).....		1 600
6. Ruth Hardin, Assistant (C. S.).....	EG50	500
7. _____, Assistant (C. S.).....		1 200
8. Annabel Smith, Assistant (C. S.).....	G75	1 000
9. Mildred Bowers, Assistant (C. S.).....		1 300
10. _____, Assistant (C. S.).....	G75	900
11. Virginia Brown, Assistant (C. S.).....		1 300
12. _____, Assistant (C. S.).....		1 200
<i>Total, Loan Department.....</i>		<i>\$ 16 700</i>

Reference Department

1. Alice S. Johnson, Lecturer in Library School and Reference Librarian.....	D	\$	2 600
2. Fanny Dunlap, Lecturer in Library School and Reference Librarian.....	D		2 600
3. Dorothy Black, Reference Assistant (C. S.).....			2 000
4. G. H. Sandy, Reference Assistant (C. S.).....			1 600
5. Barbara L. Bowlin, Assistant (C. S.).....			1 400
<i>Total, Reference Department.....</i>		\$	10 200

Departmental Libraries

1. _____, Library Assistant in Classics (C. S.).....		\$	1 500
2. Florence Harding, Library Assistant in Modern Languages (C. S.).....			1 800
3. Nelle M. Signor, Library Assistant in History and Political Science (C. S.).....			2 000
4. Hazel Y. Shaw, Library Assistant in Economics and Sociology (C. S.).....			2 000
5. _____, Library Assistant in English (C. S.).....	G50		700
6. Ida Tod, Library Assistant in Philosophy, Psychology, and Education (C. S.).....			2 000
7. Mary Burwash, Librarian of the Agricultural Library (C. S.).....			2 200
8. C. E. Janvrin, Librarian of the Natural History Library (C. S.).....			2 600
9. Arnold Rosaaen, Library Assistant in Chemistry (C. S.)....			1 800
10. E. S. Warrick, Library Assistant in Mathematics (C. S.)....			1 500
11. Hilda J. Alseth, Librarian of the Engineering Library (C. S.)			2 000
12. Fern E. DeBeck, Librarian of the Architecture Library (C. S.).....			1 800
13. _____, Library Assistant in the Law Library (C. S.)			2 000

Total, Departmental Libraries, Urbana..... \$ 23 900

Medicine and Dentistry (Chicago)

1. Metta M. Loomis, Librarian (C. S.).....			2 500
2. Margaret M. Bates, Assistant Librarian (C. S.).....			1 600
<i>Total, Departmental Libraries, Chicago.....</i>			(4 100)

Total, Departmental Libraries..... \$28 000

SUPERVISING ARCHITECT AND SUPERINTENDENT OF BUSINESS OPERATIONS

Summary

Physical Plant Operation (Subject to adjustment within the total)	Salaries	Expense and Equipment	Total
Salaries (part).....	\$ 33 134 00		\$ 33 134 00
Building Maintenance.....		\$135 000 00	135 000 00
Building Operation.....		140 000 00	140 000 00
Fire Station.....		9 000 00	9 000 00
Freight Handling.....		3 500 00	3 500 00
General Operation.....		39 000 00	39 000 00
Grounds.....		40 000 00	40 000 00
Heat, Light, and Power.....		220 000 00	220 000 00
Office Expense.....		3 500 00	3 500 00
Police and Watchmen.....		14 000 00	14 000 00
Telephone Exchange.....		15 000 00	15 000 00
Tools and Equipment.....		8 500 00	8 500 00
Trucks and cars Operation and Maintenance.....		12 000 00	12 000 00
Water Station.....		9 500 00	9 500 00
<i>Total, Physical Plant Operation..</i>	\$ 33 134 00	\$649 000 00	\$682 134 00

Blueprinting and Photography (See Stores and Revolving Accounts)	(2 700 00)	(8 300 00)	(11 000 00)
Residence Halls (See Self-supporting Activities)	(6 750 00)	(106 250 00)	(113 000 00)
Physical Plant Extension		\$130 000 00	\$130 000 00

PHYSICAL PLANT**OFFICE OF SUPERVISING ARCHITECT**

	D	\$	Salary
1. J. M. White, Supervising Architect and Superintendent of Business Operations	D	\$	.....
Professor of Architectural Engineering	A		8 500
2. J. A. Morrow, Superintendent of Buildings (C. S.)			5 000
3. R. C. Maxwell, Structural Engineer and Superintendent of Building Construction (C. S.)			4 800
4. F. C. Lohmann, Superintendent of Building Construction (C. S.)			4 500
5. S. B. Knowlton, Structural Engineer (C. S.)			3 900
6. H. I. Pearce, Architectural Engineer (C. S.)			3 600
7. E. E. Anderson, Structural Engineer (C. S.)			3 600
8. C. E. Atkinson, Superintendent of Grounds (C. S.)			3 600
9. T. J. Showers, Assistant Superintendent of Buildings (Maintenance) (C. S.)			3 600
10. John Doak, Assistant Superintendent of Building Construction (C. S.)			3 300
11. T. O. Henderson, Assistant Superintendent of Buildings (Operation) (C. S.)			3 120
12. C. L. Moore, Mechanical Engineer (C. S.) (Three full days each week)			2 500
13. W. C. See, Architectural Draftsman (C. S.)			2 700
14. Sadie L. Stubbs, Assistant to Superintendent of Business Operations (C. S.)			2 220
15. Mary E. Brennan, Chief Clerk (C. S.)			2 000
16. Hazel Tucker, Senior Clerk (C. S.)			1 800
17. Dorothea K. Williamson, Landscape Architectural Draftsman (C. S.) (Six half days each week)			912
18. C. S. Havens, Senior Clerk (C. S.)			1 800
19. Virginia T. Symons, Senior Clerk (C. S.)			1 320
20. Sybil K. Nagle, Junior Stenographer (C. S.)			1 440
21. Frances McClughen, Retired			450
22. J. F. Purkins, Retired			416
23. C. A. Dunseth, Retired			877
24. W. G. Hixon, Retired			548
25. Louie Finder, Retired			760
26. Basil Brown, Retired			678
27. Sell Hamlin, Retired			607
28. Dan Meneely, Retired			634
29. J. C. Snyder, Retired			676 ¹
30. Martin Sandwell, Retired			951 ¹
31. A. J. McAlister, Retired			914 ¹

All of the above salaries are chargeable to Physical Plant operation budget, or to new building appropriations.

BLUEPRINTING AND PHOTOGRAPHY

1. Ray R. Hamm, Manager of Photographic and Blueprinting Laboratory (C. S.) (Salary paid from receipts of the Laboratories; not included in budget totals)			(\$2 700)
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WOMAN'S RESIDENCE HALLS

1. Beulah E. Gradwohl, House Manager of the Woman's Residence Hall and the West Residence Hall	D	\$	3 000 ²
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¹Estimated amount; actual retiring allowance to be computed September 1, 1930.

²With maintenance, including living quarters, board, and personal laundry, while on duty.

2. Ida A. Ewald (Mrs.), Director of Social Activities in the West Residence Hall.....	E	Salary 900 ¹
3. Ella F. Boyd (Mrs.), Director of Social Activities in the Woman's Residence Hall.....	E	900 ¹
4. Ida M. Staehle (Mrs.), House Manager and Social Director of Davenport House.....	E	1 250 ¹
5. (Part of salary of Alice Matheny, clerk in Business Office, also charged to this account).....		300
6. (Part of salary of George Gere, Junior accountant in Business Office, also charged to this account).....		400

All above salaries paid from the operating profits of the halls.

PHYSICAL PLANT EXTENSION, 1930-1931

(Subject to adjustments within the total. Projects amounting to more than \$1000 and less than \$5000 must be approved by the President; projects amounting to more than \$5000 must be approved by the Board of Trustees.)

URBANA-CHAMPAIGN

Building Improvements.....	\$ 30 000
Campus Improvements.....	20 000
Furniture and Fixtures.....	10 000
Heat, Light, and Power Improvements.....	15 000
General.....	15 803

CHICAGO

Medical Building	}	15 000
Dental Building		
Pharmacy Building		
Research Laboratory		
Research Hospital		

Assessments:

Sewer Assessment, West Side, Chicago.....	2 197
Paving (Urbana and Champaign).....	22 000

Total..... \$130 000

¹With maintenance, including living quarters, board, and personal laundry, while on duty.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 17 580 00	\$ 5 025 00	\$ 22 605 00
Art and Design.....	14 700 00	1 575 00	16 275 00
Astronomy.....	5 700 00	1 000 00	6 700 00
Bacteriology.....	13 100 00	6 120 00	19 220 00
Botany.....	42 570 00	5 250 00	47 820 00
Chemistry.....	167 010 00	79 500 00	246 510 00
Classics.....	21 650 00	750 00	22 400 00
English.....	186 860 00	3 325 00	190 185 00
Entomology.....	17 600 00	3 385 00	20 985 00
Geology.....	50 600 00	3 350 00	53 950 00
German.....	33 800 00	400 00	34 200 00
History.....	67 060 00	600 00	67 660 00
Mathematics.....	109 925 00	800 00	110 725 00
Philosophy.....	21 800 00	150 00	21 950 00
Physiology.....	16 600 00	2 500 00	19 100 00
Political Science.....	34 125 00	400 00	34 525 00
Psychology.....	29 950 00	1 650 00	31 600 00
Romance Languages.....	81 200 00	600 00	81 800 00
Sociology.....	25 800 00	625 00	26 425 00
Zoology.....	75 150 00	7 700 00	82 850 00
Classical Museum.....		2 000 00	2 000 00
Museum of European Culture.....		2 000 00	2 000 00
Natural History Museum.....	4 000 00	2 000 00	6 000 00
<i>Total</i>	\$1 036 780 00	\$130 705 00	\$1 167 485 00

Administration

		<i>Salary</i>
1. K. C. Babcock, Dean.....	A	\$ 8 500
Provost.....	D	.....
2. Waldo Shumway, Assistant Dean.....	D	3 400
(See Zoology.....)		1 600)
(Total Salary.....)		5 000)
3. Esther Bruhn, Secretary to the Dean (Exempt).....	D	1 800
4. Marian H. Martin, Chief Clerk (C. S.).....		1 400
5. Dorothy Clark, Stenographer (C. S.).....		1 400
6. _____, Record Clerk (C. S.).....		1 080
<i>Total, Administration</i>		\$ 17 580

Art and Design

1. E. J. Lake, Associate Professor.....	A	\$ 4 000
Head of Department.....	D	.....
2. Lorado Taft, Non-resident Professor.....	A	.....
3. C. E. Bradbury, Associate Professor.....	A	3 500
4. E. E. Nearpass, Assistant Professor.....	B	2 500
5. C. V. Donovan, Assistant Professor.....	D	2 500
6. A. Marie Anderson, Associate.....	D	2 200
<i>Total, Art and Design</i>		\$ 14 700

Astronomy

1. R. H. Baker, Professor and Head of Department.....	A	\$ 5 000
2. _____, Assistant.....	EG ₅₀	700
<i>Total, Astronomy</i>		\$ 5 700

Bacteriology		<i>Salary</i>
1. F. W. Tanner, Professor and Head of Department.....	A	\$ 6 000
2. G. I. Wallace, Associate.....	D	2 400
3. Francis M. Clark, Assistant.....	E	1 700
4. Evan Wheaton, Assistant.....	EG50	700
5. John B. Rehm, Assistant.....	EG50	700
6. A. L. Moody, Laboratory Helper (C. S.).....		1 600
<i>Total, Bacteriology</i>		\$ 13 100
Botany		
1. C. F. Hottes, Professor.....	A	\$ 5 000
Head of Department.....	D	.....
(See College of Agriculture.....)		1 000)
(Total Salary.....)		6 000)
2. W. Trelease, Professor, <i>Emeritus</i>		2 280
3. F. L. Stevens, Professor (On leave without pay, 1930-31).....	A	5 500
4. J. T. Buchholz, Professor.....	A	6 000
5. A. G. Vestal, Associate Professor.....	A	4 200
6. A. D. Moinat, Instructor.....	E	2 200
7. Stella M. Hague, Instructor.....	E	2 400
8. J. E. Barnes, Assistant.....	EG50	700
9. Leona B. Bayly, Assistant.....	EG50	600
10. Rhoda B. Crouch, Assistant.....	EG50	700
11. C. C. Doak, Assistant.....	EG25	300
12. J. F. Normand, Assistant.....	EG50	600
13. _____, Assistant.....	EG50	600
14. Charlotte Brown, Assistant.....	EG50	700
15. Ruth E. Crabbe, Assistant.....	EG50	700
16. L. Campbell, Assistant.....	EG50	700
17. H. W. Conner, Assistant.....	EG50	700
18. _____, Assistant.....	EG50	600
19. Myrle M. Burk, Assistant.....	EG50	600
20. Edna Old, Assistant.....	EG50	600
21. T. M. Sperry, Assistant.....	EG50	700
22. _____, Research Assistant.....	EG50	600
23. Frances B. Cottrell, Assistant.....	EG50	600
24. _____, Assistant.....	EG50	600
25. Annie L. Pleasants, Assistant.....	EG25	350
26. Nina Petticrew (Mrs.), Clerk (C. S.).....		1 140
27. J. H. Ernest, Laboratory Helper and Mechanician (C. S.).....		1 700
28. F. W. Schaede, Laboratory Helper (C. S.).....		1 200
<i>Total, Botany</i>		\$ 42 570
Chemistry		
1. Roger Adams, Professor of Organic Chemistry and Head of Department.....	A	\$ 10 000
2. W. A. Noyes, Professor, <i>Emeritus</i>		3 000
3. S. W. Parr, Professor, <i>Emeritus</i>		3 000
4. W. C. Rose, Professor of Physiological Chemistry.....	A	7 500
5. B. S. Hopkins, Professor of Inorganic Chemistry.....	A	6 000
6. A. M. Buswell, Professor of Sanitary Chemistry.....	AG40	2 200
(Paid by State Water Survey.....)		3 300)
(Total Salary.....)		5 500)
7. W. H. Rodebush, Professor of Physical Chemistry.....	A	6 000
8. D. B. Keyes, Professor of Industrial Chemistry.....	A	3 000
(See College of Engineering.....)		3 000)
(Total Salary.....)		6 000)
9. G. L. Clark, Professor.....	A	5 500
10. C. S. Marvel, Professor.....	A	4 800
11. T. E. Phipps, Associate Professor (On leave without pay, 1930-31).....	A	3 500

		<i>Salary</i>
12.	N. W. Krase, Associate Professor	A 4 200
13.	J. H. Reedy, Associate Professor	A 3 800
14.	R. L. Shriner, Associate Professor	A 3 800
15.	R. C. Fuson, Associate Professor	A 3 800
16.	_____, Assistant Professor	D 3 600
17.	D. T. Englis, Assistant Professor	B 3 150
18.	G. F. Smith, Assistant Professor	B 3 500
19.	V. duVigneaud, Assistant Professor	D 3 250
20.	Rosalie M. Parr, Associate	B 2 500
21.	L. F. Audrieth, Associate	B 2 700
22.	C. W. Stillwell, Associate	D 2 800
23.	J. C. Bailar, Associate	D 2 700
24.	M. J. Copley, Associate	D 2 500
25.	L. L. Quill, Associate	D 2 800
26.	Virginia Bartow, Instructor	E 2 200
27.	F. C. Howard, Instructor	E 2 400
28.	E. J. Shaw, Instructor	E 2 100
29.	Paul Anders, Assistant in Glassblowing	E 2 200
30.	Justa Lindgren, Technical Analyst and Supervisor of General Chemical Stores	D
	(Applied Chemical Testing)	2 750)
	(See Business Office)	750)
	(Total Salary)	3 500) ¹
31.	Erich Meitzner, Research Assistant	EG 50 800
32.	Gordon Hughes, Research Assistant	EG 50 700
33.	P. R. Schildneck, Research Assistant	EG 50 700
34.	_____, Assistant	EG 75 1 050
35.	E. M. McMahon, Assistant	EG 50 800
36.	J. T. Eaton, Assistant	EG 50 700
37.	_____, Assistant	EG 50 600
38.	_____, Assistant	EG 50 700
39.	Wallace Windus, Assistant	EG 50 700
40.	W. E. Pearce, Assistant	EG 50 700
41.	Florence Catherwood, Assistant	EG 50 700
42.	A. A. Burton, Assistant	EG 50 700
43.	L. W. Butz, Assistant	EG 50 700
44.	John DeVries, Assistant	EG 50 700
45.	Darrell Althausen, Assistant	EG 50 700
46.	A. R. Gray, Assistant	EG 50 700
47.	E. E. Jukkola, Assistant	EG 50 700
48.	J. B. Shields, Assistant	EG 50 700
49.	C. D. Thompson, Assistant	EG 50 700
50.	Roger Sweet, Assistant	EG 50 700
51.	C. E. Schilz, Assistant	EG 50 700
52.	A. H. Macmillan, Assistant	EG 50 700
53.	_____, Assistant	EG 50 600
54.	D. D. Peirce, Assistant	EG 50 700
55.	W. F. Bailey, Assistant	EG 50 600
56.	E. G. Koch, Assistant	EG 50 700
57.	H. D. Cogan, Assistant	EG 50 650
	(\$60 per mo. Sem. I; \$70 per mo. Sem. II)	
58.	K. E. Corrigan, Assistant	EG 50 700
59.	C. H. Fisher, Assistant	EG 50 700
60.	C. M. Loucks, Assistant	EG 50 700
61.	L. J. Roll, Assistant	EG 50 700
62.	H. G. Dawson, Assistant	EG 50 700
63.	H. H. Bliss, Assistant	EG 50 700
64.	E. B. Riegel, Assistant	EG 50 600
65.	R. E. Meints, Assistant	EG 50 700

¹Also from Athletic Association: 1929-30, \$1700; 1930-31, \$1900.

		<i>Salary</i>
66. J. N. Mrgudich, Assistant.....	EG50	600
67. E. H. Woodruff, Assistant.....	EG50	700
68. R. W. Stoughton, Assistant.....	EG50	700
69. Jesse Harmon, Assistant.....	EG50	700
70. J. B. Goodman, Assistant.....	EG50	700
71. W. L. Faith, Assistant.....	EG50	700
72. Milton Gallagher, Assistant.....	EG50	650
(\$60 per mo. Sem. I; \$70 per mo. Sem. II)		
73. H. S. Loring, Assistant.....	EG50	600
74. A. E. Knauft, Special Research Assistant.....	EG50	(700) ¹
75. C. T. Caldwell, Assistant.....	EG50	600
76. J. E. Clemens, Assistant.....	EG25	300
77. _____, Assistant.....	EG25	300
78. H. E. Munro, Assistant.....	EG25	350
79. Walter Klabunde, Assistant.....	EG25	350
80. E. K. Ellingboe, Assistant.....	EG25	300
81. C. W. Bradley, Assistant.....	EG25	350
82. R. H. Ewart, Assistant.....	EG25	350
83. F. H. Brock, Assistant.....	EG25	350
84. J. B. Hale, Assistant.....	EG25	350
85. A. T. Blomquist, Assistant.....	EG25	350
86. _____, Assistant.....	EG25	300
87. E. P. Samsel, Assistant.....	EG25	350
88. _____, Assistant.....	EG25	300
89. Dorothea Haas, Assistant.....	EG25	350
90. H. A. Conner, Assistant.....	EG25	350
91. J. O. Page, Assistant.....	EG25	350
92. C. O. Werner, Assistant.....	EG25	350
93. Margaret A. Pezold, Assistant (Charge to Phipps position, item 11).....	EG25	(300)
94. _____, Assistant.....	EG25	300
95. Edna Evans (Mrs.), Secretary (C. S.).....		1 800
96. _____, Clerk (C. S.).....		1 080
97. Majel Wilson, Stenographer (C. S.).....		1 080
98. Dorsie Baize, Stenographer (C. S.).....		720
(See College of Engineering.....)		
(Total Salary.....)		
99. C. F. Miller, Clerk (C. S.).....		2 300
100. T. Peel, Storekeeper (C. S.).....		1 700
101. F. Mock, Storekeeper (C. S.).....		1 600
102. C. E. Dalton, Laboratory Helper (C. S.).....		1 380
103. S. Phillips, Laboratory Helper (C. S.).....		900
104. L. Kirby, Laboratory Helper (C. S.).....		1 140
105. M. T. Murrell, Laboratory Helper (C. S.).....		1 440
106. L. E. Tillotson, Laboratory Helper (C. S.).....		1 320
107. C. M. Scott, Laboratory Helper (C. S.).....		1 260
108. C. B. Dunn, Laboratory Helper (C. S.).....		1 140
109. A. E. Wood, Mechanician (C. S.).....		1 900
110. G. A. Pittman, Mechanical Assistant (C. S.).....		1 200
<i>Total, Chemistry.....</i>		<u>\$167 010</u>

Classics

1. W. A. Oldfather, Professor and Head of Department.....	A	\$ 7 000
2. H. J. Barton, Professor, <i>Emeritus</i>		2 000
3. H. V. Canter, Professor.....	A	5 500
4. B. E. Perry, Associate Professor (On leave with $\frac{1}{2}$ pay, 1930-31).....	A	3 750
5. V. E. Way, Assistant.....	E	2 000

¹Paid from funds provided by Chemical Foundation for Research in Treatment of Lepers.

6. R. P. Johnson, Assistant (Salary paid from unused portion of B. E. Perry, absent on leave, and not included in total	E	\$ 1 500)
7. P. S. Dunkin, Assistant	EG50	700
8. _____, Assistant	EG50	700
<i>Total, Classics</i>		\$ 21 650
English		
1. W. J. Graham, Professor and Head of Department	A	\$ 7 500
2. Ernest Bernbaum, Professor (On leave with $\frac{1}{2}$ pay, 1930-31)	A	6 500
3. D. K. Dodge, Professor, <i>Emeritus</i>		2 000
4. _____, Professor of Rhetoric		.....
5. G. T. Flom, Professor of Scandinavian Languages and English Philology	A	5 000
6. H. G. Paul, Professor of the Teaching of English (See College of Education)	A	2 500
(Total Salary)		5 000)
7. Jacob Zeitlin, Professor (On leave with $\frac{1}{2}$ pay, 1930-31)	A	5 000
8. T. W. Baldwin, Professor	A	5 000
9. E. C. Baldwin, Professor	A	4 000
10. H. S. V. Jones, Professor	A	4 200
11. Horace A. Eaton, Visiting Professor (Salary paid from unused portion of salary of Ernest Bernbaum, absent on leave, and not included in total)	F	3 250) ¹
12. H. N. Hillebrand, Associate Professor	A	4 000
13. B. L. Jefferson, Associate Professor of Rhetoric	A	4 250
14. Alta G. Saunders, Associate Professor of Business English (See College of Commerce)	B	3 800)
15. W. P. Sandford, Associate Professor	A	3 800
16. Clarissa Rinaker, Assistant Professor	D	2 500
17. R. B. Weirick, Assistant Professor	B	3 000
18. J. J. Parry, Assistant Professor	B	3 250
19. P. N. Landis, Assistant Professor	B	3 250
20. C. L. Finney, Assistant Professor	B	3 000
21. H. F. Fletcher, Assistant Professor	B	3 300
22. A. W. Secord, Assistant Professor	B	3 000
23. Martha J. Kyle, Assistant Professor	D	2 700
24. _____, Assistant Professor (Salary paid from unused portion of salary of Jacob Zeitlin, absent on leave, and not included in total)	D	2 500)
25. Caroline Tupper, Associate	B	2 250
26. J. H. Caskey, Associate	B	2 500
27. L. C. McCarty, Associate	B	2 800
28. C. R. Anderson, Associate	D	2 500
29. Ruth Kelso, Associate	D	2 500
30. Helen Rand, Instructor	E	2 100
31. Leah F. Trelease (Mrs.), Instructor	E	2 100
32. S. E. Glenn, Instructor	E	2 000
33. Severina E. Nelson, Instructor	E	2 000
34. M. S. Goldman, Instructor	E	2 000
35. Garreta Busey, Instructor	E	1 800
36. Margaret Bloom, Instructor	EG67	1 200
37. C. E. Baker, Assistant	E	1 500
38. J. D. Peterson, Assistant	E	1 600
39. Cornelia P. Kelley, Assistant	E	1 700
40. Margaret French, Assistant	E	1 900
41. Esther V. Rapp (Mrs.), Assistant	E	1 900
42. J. I. Owen, Assistant	EG67	1 000
43. Carolyn Washburn, Assistant	E	1 600

¹Five months from February 1, 1931, at \$650 per month.

		<i>Salary</i>
44. R. Fisher, Assistant	EG60	1 200
(See Senate Committee on Students' English)		800)
(Total Salary)		2 000)
45. E. W. Davidson, Assistant	E	1 700
46. J. A. Giddings, Assistant	E	1 600
47. Robert Henderson, Assistant	E	1 500
48. Justine Van Gundy, Assistant	E	1 600
49. H. Schenck, Assistant	EG50	1 000
(See College of Commerce)		1 000)
(Total Salary)		2 000)
50. R. L. Blair, Assistant	E	1 600
51. Ida J. Baker, Assistant	E	1 700
52. J. I. Fain, Assistant	E	1 500
53. J. E. Charles, Assistant	EG67	1 000
54. Josephine E. Miller, Assistant	E	1 700
55. J. P. Brawner, Assistant	E	1 700
56. J. W. Harris, Assistant	E	1 700
57. R. E. Allen, Assistant	E	1 500
58. R. G. Mood, Assistant	E	1 700
59. J. A. Hamilton, Assistant	E	1 600
60. Beulah F. Summers, Assistant	E	1 600
61. R. E. Haswell, Assistant	E	1 800
62. Mary E. Whiteford, Assistant	E	1 900
63. Margaret H. Belsley, Assistant	E	1 700
64. Margaret L. Gress, Assistant	E	1 600
65. E. C. Coleman, Assistant	E	1 800
66. A. T. Dean, Assistant	E	1 700
67. P. E. Reynolds, Assistant	EG67	1 000
68. Frances Griswold, Assistant	E	1 700
69. Mildred J. Noble, Assistant	E	1 600
70. F. D. Lemke, Assistant	E	1 800
71. E. V. Sandin, Assistant	E	1 800
72. E. H. Peterson, Assistant	E	1 800
73. G. C. C. Scheerer, Assistant	E	1 500
74. Mildred Martin, Assistant	EG67	1 000
75. J. W. Swanson, Assistant	EG67	1 400
(Paid by Theatre Guild)		1 000)
(Total Salary)		2 400)
76. J. R. Hurley, Assistant	E	1 500
77. Ralph Slow, Assistant	E	1 700
78. Edna Simpson, Assistant	E	1 600
79. K. J. Tarpley, Assistant	E	1 600
80. Romola Reese, Assistant	E	1 600
81. C. W. Roberts, Assistant	E	1 700
82. Alice F. Kennedy (Mrs.), Assistant	E	1 600
83. H. F. W. Moeller, Assistant	E	1 500
84. D. R. Lang, Assistant	E	1 500
85. L. C. Dolk, Assistant	E	1 500
86. Edith E. Sweney (Mrs.), Assistant	EG67	1 000
87. Jean M. Fielder, Assistant	E	1 600
88. E. N. Lockard, Assistant	EG67	1 000
89. _____, Assistant	E	1 500
90. Genevieve G. Frison, Clerk and Stenographer (C. S.)		1 260
<i>Total, English</i>		\$186 860

Entomology

1. C. L. Metcalf, Professor and Head of Department	A	\$ 5 250
2. W. P. Hayes, Associate Professor	A	4 200
3. W. V. Balduf, Assistant Professor	B	3 250
4. V. G. Milum, Assistant Professor	B	3 000

		<i>Salary</i>
5. L. H. Townsend, Assistant.....	EG50	700
6. J. H. Evans, Assistant.....	EG50	700
7. _____, Clerk and Stenographer.....	EG50	500
<i>Total, Entomology.....</i>		<u>\$ 17 600</u>

Geology

1. W. S. Bayley, Professor and Head of Department.....	D	\$ 6 000
2. C. W. Rolfe, Professor, <i>Emeritus</i>		1 900
3. T. E. Savage, Professor.....	A	5 750
4. T. T. Quirke, Professor.....	A	4 500
5. W. O. Blanchard, Professor of Geography.....	A	4 000
6. V. R. D. Kirkham, Assistant Professor.....	D	3 500
7. F. P. Shepard, Assistant Professor.....	B	3 000
8. W. V. Howard, Assistant Professor.....	B	3 700
9. A. H. Sutton, Assistant Professor.....	B	3 000
10. H. R. Wanless, Assistant Professor.....	D	2 700
11. J. L. Page, Associate.....	D	2 400
12. J. H. Burgy, Associate.....	D	2 400
13. Edith Muriel Poggi, Assistant.....	EG50	1 000
14. Lylyan H. Block, Assistant.....	E	1 400
15. C. R. L. Oder, Assistant.....	EG50	700
16. O. E. Wagner, Assistant.....	EG50	700
17. J. A. Culbertson, Assistant.....	EG50	700
18. J. R. Griffin, Assistant.....	EG50	700
19. D. Utterback, Assistant.....	EG25	300
20. E. H. Powers, Assistant.....	EG50	600
21. _____, Assistant.....	EG33	450
22. Thelma Johnson, Clerk (C. S.) ($\frac{3}{4}$ time Geology; $\frac{1}{4}$ time Economic Geology).....		1 200
<i>Total, Geology.....</i>		<u>\$ 50 600</u>

German

1. A. W. Aron, Professor and Head of Department.....	A	\$ 6 500
2. J. Goebel, Professor, <i>Emeritus</i>		2 000
3. N. C. Brooks, Professor.....	A	4 250
4. C. A. Williams, Associate Professor.....	A	3 800
5. A. H. Koller, Assistant Professor.....	B	3 200
6. Daisy L. Blaisdell, Assistant Professor.....	B	2 700
7. J. T. Geissendoerfer, Assistant Professor.....	B	3 000
8. J. W. Kurtz, Assistant.....	E	1 700
9. Fritz Moore, Assistant.....	EG75	1 200
10. Mimi I. Jehle, Assistant.....	EG50	750
11. E. M. Mueller, Assistant.....	EG50	700
12. D. F. Munro, Assistant.....	EG50	700
13. V. W. Robinson, Assistant.....	EG50	700
14. _____, Assistant.....	EG50	700
15. _____, Assistant.....	EG50	700
16. _____, Assistant.....	EG50	600
17. _____, Assistant.....	EG50	600
<i>Total, German.....</i>		<u>\$ 33 800</u>

History

1. L. N. Larson, Professor and Head of Department.....	A	\$ 6 500
2. A. H. Lybyer, Professor.....	A	6 000
3. W. S. Robertson, Professor.....	A	6 000
4. T. C. Pease, Professor.....	A	3 500
(Paid by Illinois Historical Library.....)		2 000)
(Total Salary.....)		<u>5 500)</u>

		<i>Salary</i>
5. P. V. B. Jones, Professor.....	A	4 250
6. J. G. Randall, Professor.....	A	4 500
7. F. C. Dietz, Professor.....	A	4 250
8. M. L. Hansen, Professor.....	A	4 500
9. J. W. Swain, Associate Professor.....	A	3 500
10. F. S. Rodkey, Associate Professor.....	A	3 700
11. Louise B. Dunbar, Assistant Professor.....	B	2 700
12. F. S. Ronalds, Assistant Professor.....	D	2 500
13. R. C. Werner, Associate.....	B	2 300
14. E. L. Erickson, Instructor.....	E	2 200
15. Mary L. Shay, Instructor.....	E	2 000
16. Ameda R. King, Assistant and Clerk.....	E	1 800 ¹
17. F. G. Davenport, Assistant.....	EG50	700
18. C. A. Clausen, Assistant.....	EG50	700
19. G. L. LaFuze, Assistant.....	EG50	700
20. Stella H. Sutherland, Assistant.....	EG50	700
21. E. L. Major, Assistant.....	EG50	700
22. Emma R. Noss, Assistant.....	EG50	600
23. B. W. Yount, Assistant.....	EG50	600
24. L. L. Sage, Assistant.....	EG50	600
25. H. M. Tolo, Assistant.....	EG50	600
26. _____, Assistant.....	EG25	300
27. _____, Assistant.....	EG25	300
28. J. D. Crawford, Retired.....		360

Total, History..... \$ 67 060

Mathematics

1. R. D. Carmichael, Professor.....	A	\$ 8 500
Head of Department.....	D	.....
2. E. J. Townsend, Professor, <i>Emeritus</i>		3 000
3. G. A. Miller, Professor.....	A	6 000
4. J. B. Shaw, Professor.....	A	4 750
5. A. Emch, Professor.....	A	4 500
6. A. B. Coble, Professor.....	A	10 000
7. A. R. Crathorne, Associate Professor of Mathematical Sta- tistics.....	A	4 000
8. E. B. Lytle, Associate Professor of the Teaching of Mathe- matics.....	AG33	1 400
(See College of Education.....		2 600)
(Total Salary.....		4 000)
9. Olive C. Hazlett, Associate Professor.....	A	4 000
10. H. R. Brahana, Assistant Professor.....	B	3 300
11. H. Levy, Assistant Professor.....	B	3 000
12. A. J. Maria, Assistant Professor.....	D	3 000
13. L. L. Steimley, Associate.....	B	2 500
14. H. W. Bailey, Associate.....	B	2 750
15. P. W. Ketchum, Associate.....	B	2 500
16. D. G. Bourgin, Associate.....	B	2 500
17. Echo D. Pepper, Associate.....	B	2 400
18. Charles Hopkins, Associate.....	B	2 400
19. Beulah M. Armstrong, Instructor.....	E	2 300
20. V. A. Hoersch, Instructor.....	E	2 300
21. Bessie I. Miller, Instructor.....	E	2 300
22. J. W. Peters, Instructor.....	E	2 300
23. F. C. Ogg, Instructor.....	E	2 300
24. Wilfrid Wilson, Instructor.....	E	2 200
25. O. K. Bower, Instructor.....	E	2 200
26. H. J. Miles, Instructor.....	E	2 200
27. Leonard Bristow, Instructor.....	E	2 200
28. M. T. Bird, Assistant.....	EG67	1 000

¹\$600 as Clerk; \$1200 as Assistant.

		<i>Salary</i>
29. D. T. Sigley, Assistant.....	EG67	1 000
30. J. F. Locke, Assistant.....	EG67	1 000
31. G. E. Moore, Assistant.....	EG67	1 000
32. G. B. McClellan, Assistant.....	EG67	1 000
33. F. L. Wood, Assistant.....	EG67	1 000
34. P. K. Smith, Assistant.....	EG67	1 000
35. C. A. Jacokes, Assistant.....	EG67	1 000
36. G. B. Lang, Assistant.....	EG67	1 000
37. E. R. Ott, Assistant.....	EG67	1 000
38. S. F. Barber, Assistant.....	EG67	1 000
39. H. A. Dennis, Assistant.....	EG67	1 000
40. Eleanor Kingsley, Assistant.....	EG67	1 000
41. Frances E. Wolever, Assistant.....	EG67	1 000
42. J. A. Cooley, Assistant.....	EG67	1 000
43. C. W. Hook, Assistant.....	EG67	1 000
44. H. P. Rogers, Assistant.....	EG33	500
45. A. W. Bear, Assistant.....	EG25	375
46. P. K. Rees, Assistant.....	EG50	750
47. Mary P. Walls (Mrs.), Clerk and Stenographer (C. S.).....		1 500

Total, Mathematics..... \$109 925

Philosophy

1. M. T. McClure, Professor and Head of Department.....	A	\$ 6 000
2. A. H. Daniels, Professor.....	A	.....
(Salary under Graduate School)		
3. G. R. Morrow, Professor.....	A	5 000
4. G. A. Tawney, Visiting Professor.....	DG50	(3 000) ¹
5. A. C. Benjamin, Assistant Professor (On leave without pay, 1930-31).....	B	3 000
6. J. A. Nicholson, Assistant Professor.....	D	2 500
7. D. W. Gotshalk, Associate.....	D	2 500
8. P. L. DeLargy, Instructor.....	E	2 100
9. O. A. Kubitz, Assistant (Salary paid from salary of A. C. Benjamin, absent on leave, and not included in total ..	E	1 800)
10. ———, Assistant.....	EG50	700

Total, Philosophy..... \$ 21 800

Physiology

1. W. E. Burge, Associate Professor.....	A	\$ 4 000
Acting Head of Department.....	D	.....
2. G. C. Wickwire, Assistant.....	E	2 300
3. W. P. Elhardt, Assistant.....	E	2 000
4. Emily Williams, Assistant.....	E	1 700
5. D. J. Verda, Assistant.....	E	1 600
6. Leora P. Kneer, Assistant.....	E	1 500
7. Selma M. Olson, Assistant.....	E	1 500
8. O. S. Orth, Assistant.....	EG50	600
9. R. L. Davis, Laboratory Helper (C. S.).....		1 400

Total, Physiology..... \$ 16 600

Political Science

1. J. W. Garner, Professor and Head of Department.....	A	\$ 7 500
2. J. A. Fairlie, Professor (On leave with ½ pay, 1930-31)...	A	6 000
3. J. M. Mathews, Professor.....	A	5 500
4. C. A. Berdahl, Associate Professor.....	B	3 600
5. C. M. Kneier, Assistant Professor.....	D	3 400
6. C. S. Hyneman, Assistant Professor.....	D	3 200

¹Paid from "Visiting Professorships, Lectures, and other functions"; not included in total.

		<i>Salary</i>
7. W. E. Waltz, Assistant.....	E	1 600
8. P. S. Sikes, Assistant.....	EG ₅₀	800
9. R. L. Carleton, Assistant.....	E	1 400
10. J. LeNoir, Assistant.....	EG ₇₅	1 125
<i>Total, Political Science.....</i>		<u>\$ 34 125</u>

Psychology

1. Herbert Woodrow, Professor and Head of Department....	A	\$ 5 500
2. P. T. Young, Associate Professor.....	A	3 750
3. E. A. Culler, Associate Professor (On leave without pay, 1930-31).....	A	3 500
4. G. A. Williams, Assistant Professor (Salary paid from sal- ary of E. A. Culler, absent on leave, not included in total.....)	D	3 000
5. G. D. Higginson, Assistant Professor.....	B	3 300
6. Alice H. Sullivan, Associate.....	B	2 500
7. Elisabeth F. Möller, Associate.....	D	2 200
8. W. G. McAllister, Associate.....	D	2 400
9. K. L. Barkley, Instructor.....	E	2 000
10. K. K. Loemker, Assistant.....	EG ₆₇	1 000
11. W. G. Blakely, Assistant.....	EG ₆₇	1 000
12. L. H. Stott, Assistant.....	EG ₆₇	1 000
13. Sarah Ferrall, Assistant.....	EG ₅₀	700
14. J. B. Wolfe, Laboratory Assistant.....	EG ₅₀	600
15. _____, Clerk.....	EG ₅₀	500
<i>Total, Psychology.....</i>		<u>\$ 29 950</u>

Romance Languages

1. D. H. Carnahan, Professor.....	A	\$ 5 500
Head of Department.....	D	.....
2. T. E. Oliver, Professor.....	A	5 000
3. Regis Michaud, Visiting Professor.....	D	7 000 ¹
4. J. Van Horne, Associate Professor.....	A	3 500
5. A. Hamilton, Associate Professor.....	A	3 500
6. _____, Assistant Professor.....	D	3 200
7. J. A. Balseiro, Assistant Professor.....	D	3 700
8. _____, Associate.....	DG ₅₀	1 350
(See College of Education.....)		1 350)
(Total Salary.....)		2 700)
9. P. Jacob, Associate.....	B	2 800
10. O. K. Lundeberg, Associate.....	B	2 900
11. H. S. Sáenz, Instructor.....	E	2 000
12. W. P. Dismukes, Assistant.....	E	1 800
13. J. R. Young, Assistant.....	E	1 600
14. _____, Assistant.....	EG ₅₀	600
15. Mildred L. Woodworth, Assistant.....	EG ₅₀	750
16. Leon Mayeur, Assistant.....	E	1 400
17. A. V. Roche, Assistant.....	E	1 700
18. J. Alexander, Assistant.....	E	1 700
19. _____, Assistant.....	E	1 600
20. F. P. G. Thénau, Assistant.....	E	1 600
21. Edna M. Goggin, Assistant.....	E	1 600
22. J. B. Burner, Assistant.....	EG ₅₀	750
23. C. M. Pegues, Assistant.....	EG ₅₀	750
24. J. O. Swain, Assistant.....	E	1 700
25. J. Utley, Assistant.....	E	1 500
26. Margaret Kidder, Assistant.....	E	1 600
27. C. B. Rew, Assistant.....	E	1 800

¹\$1000 from Visiting Professorships, Lectures, and other Functions and not included in total.

		<i>Salary</i>
28.	H. G. A. Smith, Assistant.....	E 1 500
29.	G. W. Steep, Assistant.....	E 1 500
30.	Isabel Balthazard, Assistant.....	E 1 500
31.	Matilde Ellies, Assistant.....	E 1 600
32.	Luis Avilés, Jr., Assistant.....	E 1 600
33.	Edith L. Welch, Assistant.....	E 1 700
34.	Evelyn L. McLain, Assistant.....	E 1 500
35.	Suzanne Kissel, Assistant.....	E 1 600
36.	Mary L. Burnier, Assistant.....	E 1 600
37.	Mary Dallera, Assistant.....	E 1 500
38.	L. H. Bussard, Assistant.....	E 1 600
39.	Angelina Pietrangeli, Assistant.....	E 1 600
40.	_____, Clerk.....	EG ₅₀ 500
<i>Total, Romance Languages.....</i>		\$ 81 200
Sociology		
1.	D. R. Taft, Professor.....	A \$ 5 000
2.	E. T. Hiller, Assistant Professor and Acting Head of Department.....	D 4 000
3.	A. R. Kelly, Assistant Professor in Anthropology (Nov. 1, 1929, to Aug. 31, 1931).....	F 3 500
4.	W. J. Albig, Assistant Professor.....	B 3 000
5.	W. R. Tylor, Assistant Professor.....	D 3 000
6.	B. F. Timmons, Instructor.....	E 2 700
7.	E. A. Ahrens, Assistant.....	E 2 200
8.	D. E. Lindstrom, Assistant in Rural Sociology (Salary from Purnell and Smith-Lever).....	D 2 600)
9.	E. W. Voelker, Assistant.....	E 1 800
10.	A. V. Houghton, Assistant (First semester only).....	FG ₅₀ 300
11.	_____, Assistant (Second semester only).....	FG ₅₀ 300
<i>Total, Sociology.....</i>		\$ 25 800
Zoology		
1.	Henry B. Ward, Professor and Head of Department.....	A \$ 6 500
2.	Frank Smith, Professor, <i>Emeritus</i>	2 250
3.	Charles Zeleny, Professor.....	A 5 500
4.	V. E. Shelford, Professor.....	A 5 500
5.	H. J. Van Cleave, Professor.....	A 4 800
6.	Waldo Shumway, Professor.....	A 1 600
	(See L. A. S. Administration.....)	3 400)
	(Total Salary.....)	5 000)
7.	L. A. Adams, Assistant Professor.....	B 4 000
8.	R. R. Kudo, Assistant Professor.....	B 3 200
9.	L. J. Thomas, Assistant Professor.....	B 3 200
10.	A. R. Cahn, Assistant Professor.....	B 2 500
11.	_____, Associate.....	D 2 400
12.	F. B. Adamstone, Associate.....	D 2 700
13.	W. M. Luce, Instructor.....	E 2 200
14.	_____, Instructor.....	E 2 200
15.	_____, Assistant.....	E 1 600
16.	R. N. McCormick, Assistant.....	E 2 000
17.	R. E. Chase, Assistant.....	E 1 800
18.	A. L. Hjortland, Assistant.....	E 1 800
19.	W. F. Hoheisel, Assistant.....	E 1 700
20.	S. H. Hopkins, Research Assistant.....	DG ₇₅ 1 200
21.	W. F. Stanley, Research Assistant.....	DG ₅₀ 900
22.	T. D. Foster, Assistant.....	EG ₅₀ 700
23.	Thelma F. Grimm, Assistant.....	EG ₅₀ 600
24.	J. R. Buchheit, Assistant.....	EG ₅₀ 700

		<i>Salary</i>
25. J. S. Dolley, Assistant.....	EG50	600
26. Mable R. Walter, Assistant.....	EG50	600
27. _____, Assistant.....	EG50	600
28. Florence G. Fields, Assistant.....	EG50	700
29. H. C. Markus, Assistant.....	EG50	700
30. Judith Fillingham, Assistant.....	EG50	600
31. J. C. Mackin, Assistant.....	EG50	700
32. H. E. Hart, Assistant.....	EG50	700
33. J. D. Combs, Assistant.....	EG50	700
34. Jean G. Alexander, Assistant.....	EG50	600
35. L. E. Bamber, Assistant.....	EG25	350
36. J. M. Sanders, Assistant.....	EG25	350
37. O. E. Kugler, Assistant.....	EG25	300
38. Katharine H. Paul, Scientific Artist.....	E	2 250
39. O. C. McMillin, Technician and Storekeeper.....	D	1 900
40. Margaret C. Nusspickel, Stenographer (C. S.).....		1 200
41. _____, Mechanic, caretaker Vivarium.....	G50	750
<i>Total, Zoology.....</i>		<i>\$ 75 150</i>

Museum of Natural History

1. Frank C. Baker, Curator.....	D	\$ 4 000
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SCHOOL OF JOURNALISM

1. L. W. Murphy, Director of the School of Journalism.....	D	\$ 5 000
Professor of Journalism.....	A	.....
2. J. F. Wright, Associate Professor.....	D	.....
(Salary under Publicity)		
3. R. R. Barlow, Assistant Professor.....	B	3 500
4. C. L. Allen, Assistant Professor.....	D	3 200
5. O. C. Leiter, Assistant Professor.....	D	3 250
6. V. L. Krannert, Lecturer.....	EG $\frac{1}{2}$	500
7. F. S. Siebert, Associate.....	D	2 500
8. C. B. Davis, Instructor.....	E	2 500
9. _____, Instructor.....	E	2 100
10. Helen H. Peffer, Assistant.....	E	2 200
11. F. E. Schooley, Assistant.....	EG25	600
(See Publicity.....)		1 600)
(Total Salary.....)		2 200)
12. Frances H. Osgood, Clerk and Stenographer (C. S.).....		1 200
<i>Total, Journalism.....</i>		<i>\$ 26 550</i>

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 14 760 00	\$ 2 425 00	\$ 17 185 00
Business Organization and Operation.....	81 630 00		81 630 00
Economics.....	88 120 00		88 120 00
Transportation.....	9 400 00		9 400 00
Bureau of Business Research.....	18 980 00	3 600 00	22 580 00
<i>Total.....</i>	<i>\$212 890 00</i>	<i>\$ 6 025 00</i>	<i>\$218 915 00</i>

Administration

1. C. M. Thompson, Dean and Director of Business Research.....	D	\$ 9 000
Professor of Economics.....	A	.....

		<i>Salary</i>
2. L. E. Kline, Assistant to the Dean.....	D	1 600
(See B. O. & O.)		1 400)
(Total Salary.....)		3 000)
3. Freda F. Walker, Chief Clerk (Exempt).....	D	1 700
4. Marie E. Cavanaugh, Stenographer (C. S.).....		1 500
5. _____, Stenographer and Record Clerk (C. S.).....		960
<i>Total, Administration.....</i>		<u>\$ 14 760</u>

Business Organization and Operation

1. H. T. Scovill, Professor of Accountancy and Head of Department.....	A	\$ 7 000
2. Lloyd Morey, Professor of Accountancy.....	A	.....
(Salary under Business Office)		
3. E. J. Filbey, Professor of Accountancy.....	A	6 000
4. F. A. Russell, Professor of Business Organization and Operation.....	A	5 500
5. P. D. Converse, Associate Professor of Business Organization and Operation.....	A	4 750
6. A. C. Littleton, Associate Professor of Accountancy.....	A	2 500
(See Business Research.....)		2 500)
(Total Salary.....)		5 000)
7. C. F. Schlatter, Associate Professor of Accountancy.....	A	4 500
8. A. G. Anderson, Associate Professor of Business Organization and Operation (On leave without pay, 1930-31).....	A	4 500
9. E. R. Dillavou, Associate Professor of Business Law.....	A	3 500
(See Transportation.....)		500)
(Total Salary.....)		4 000)
10. Alta Gwinn Saunders, Associate Professor of Business English.....	B	3 800
11. H. H. Bailly, Assistant Professor of Accountancy.....	B	3 250
12. E. L. Theiss, Assistant Professor of Accountancy.....	B	4 250
13. L. E. Kline, Instructor in Business Organization and Operation.....	E	1 400
(See Administration.....)		1 600)
(Total Salary.....)		3 000)
14. W. E. Karrenbrock, Instructor in Accountancy.....	E	2 200
15. _____, Instructor in Accountancy.....	E	1 800
16. _____, Instructor in Accountancy.....	E	2 000
17. R. P. Hackett, Instructor in Accountancy.....	E	2 000
18. H. L. Newcomer, Instructor in Accountancy.....	E	2 000
19. C. C. Curtis, Instructor in Business Law.....	E	2 400
20. M. J. Mandeville, Instructor in Business Organization and Operation.....	E	2 000
21. R. R. Reno, Instructor in Business Law.....	E	2 000
22. W. A. Krick, Assistant in Business Organization and Operation.....	E	1 600
23. H. Schenck, Assistant in Business Organization and Operation.....	EG ₅₀	1 000
(See Dept. of English.....)		1 000)
(Total Salary.....)		2 000)
24. P. M. Green, Assistant in Accountancy.....	E	1 600
25. W. F. Frese, Assistant in Accountancy.....	E	1 400
26. J. A. Anderson, Assistant in Accountancy.....	E	1 400
27. G. E. Howell, Assistant in Accountancy.....	E	1 400
28. F. M. Jones, Assistant in Business Organization and Operation.....	E	1 400
29. _____, Assistant in Accountancy.....	EG ₅₀	600
30. _____, Assistant in Accountancy.....	EG ₅₀	600

		<i>Salary</i>
31. _____, Assistant in Accountancy.....	EG ⁵⁰	600
32. P. C. Roberts, Assistant in Business Law.....	E	1 600
33. Dorothy Barnes, Stenographer (C. S.).....		1 080
<i>Total, Business Organization and Operation.....</i>		<i>\$ 81 630</i>

Economics

1. E. L. Bogart, Professor and Head of Department.....	A	\$ 7 500
2. M. H. Robinson, Professor.....	A	5 000
3. C. M. Thompson, Professor.....	A	.....
Dean and Director of Business Research.....	D	.....
(Salary under Commerce Administration)		
4. Simon Litman, Professor.....	A	5 500
5. N. A. Weston, Professor.....	A	6 000
6. M. H. Hunter, Professor.....	A	5 500
7. F. E. Lee, Professor.....	B	6 000
8. C. L. Stewart, Associate Professor.....	A	2 500
(See Agriculture.....)		2 500)
(Total Salary.....)		5 000)
9. Ivan Wright, Associate Professor.....	A	4 750
10. L. J. Norton, Assistant Professor.....	D	1 750
(See Agriculture.....)	B	1 750)
(Total Salary.....)		3 500)
11. P. H. Brown, Assistant Professor.....	B	3 500
12. Edward Berman, Assistant Professor.....	B	3 500
13. H. M. Gray, Assistant Professor.....	B	2 000
(See Transportation.....)		1 500)
(Total Salary.....)		3 500)
14. M. J. Wasserman, Assistant Professor.....	B	3 250
15. F. G. Dickinson, Assistant Professor.....	D	3 250
16. _____, Assistant Professor.....	D	3 000
17. D. H. Hoover, Associate.....	D	2 500
18. R. W. Bartlett, Instructor.....	E	1 300
(See Agriculture.....)		1 300)
(Total Salary.....)		2 600)
19. R. H. Lounsbury, Instructor.....	E	2 400
20. J. R. Ramser, Instructor.....	E	2 200
21. Daniel Borth, Assistant.....	E	1 400
22. K. D. Luney, Assistant.....	E	1 500
23. G. W. Sanford, Assistant.....	E	1 400
24. E. G. Lewis, Assistant.....	E	1 400
25. G. F. D. Zimmerman, Assistant.....	E	1 400
26. P. M. Van Arsdell, Assistant.....	E	1 400
27. M. H. Sublette, Assistant.....	E	1 500
28. Paul Alyea, Assistant.....	E	1 600
29. _____, Assistant.....	E	1 200
30. W. B. Lockling, Assistant.....	E	1 400
31. _____, Assistant.....	E	1 200
32. Elizabeth McBride, Stenographer (C. S.).....		1 320
<i>Total, Economics.....</i>		<i>\$ 88 120</i>

Transportation

1. E. R. Dillavou, Associate Professor of Business Law.....	A	\$ 500
(See B. O. & O.....)		3 500)
(Total Salary.....)		4 000)
2. D. P. Locklin, Assistant Professor.....	B	3 250
3. H. M. Gray, Assistant Professor.....	B	1 500
(See Economics.....)		2 000)
(Total Salary.....)		3 500)

		<i>Salary</i>
4. F. A. Orland, Associate.....	D	2 750
5. G. H. Haines, Assistant.....	E	1 400
<i>Total, Transportation</i>		<u>\$ 9 400</u>

Bureau of Business Research

1. C. M. Thompson, Director.....	D	\$
(Salary under Commerce Administration)		
2. A. C. Littleton, Assistant Director.....	D	2 500
(See B. O. & O.....)		2 500)
(Total Salary.....)		5 000)
3. A. H. Winakor, Associate in Research.....	D	2 500
4. D. M. Dailey, Associate in Research.....	D	2 400
5. Florence White, Assistant.....	D	1 700
6. R. F. Smith, Assistant.....	D	1 800
7. Hilda R. Stice (Mrs.), Assistant.....	D	1 200
8. Mollie F. Sacks, Assistant.....	D	1 200
9. A. M. Jarvis, Assistant.....	EG50	700
10. C. F. Dunham, Assistant.....	EG50	700
11. _____, Assistant.....	EG50	900
12. R. C. Parmelee, Assistant.....	EG50	700
13. _____, Assistant.....	EG50	700
14. Marie Clifton, Machine Operator (C. S.).....		960
15. Anne Locke (Mrs.), Clerk (C. S.).....		1 020
<i>Total, Bureau of Business Research</i>		<u>\$ 18 980</u>

COLLEGE OF EDUCATION

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 11 000 00	\$ 2 150 00	\$ 13 150 00
Athletic Coaching.....	34 100 00	1 350 00	35 450 00
Education.....	40 800 00	1 200 00	42 000 00
Supervision and High School Instruction.....	37 010 00	2 100 00	39 110 00
Bureau of Educational Research.....	15 140 00	7 550 00	22 690 00
<i>Sub-total</i>	(138 050 00)	(14 350 00)	(152 400 00)
<i>Smith-Hughes</i>			
Agricultural Education.....	11 200 00	1 450 00	12 650 00
Home Economics Education.....	7 800 00	400 00	8 200 00
Industrial Education.....	12 550 00	3 525 00	16 075 00
<i>Sub-total</i>	(31 550 00)	(5 375 00)	(36 925 00)
<i>Total</i>	<u>\$169 500 00</u>	<u>\$ 19 725 00</u>	<u>\$189 325 00</u>

Administration

1. _____, Professor and Dean.....		\$ 8 500
2. L. W. Williams, Instructor and Secretary of Appointments Committee.....	D	1 000
(See Supervision and High School Instruction.....)		2 200)
(Total Salary.....)		3 200)
3. Lillian Hart, Secretary to Dean (Exempt).....	D	1 200
(See Industrial Education.....)		500)
(From Summer Session.....)		200)
(Total Salary.....)		1 900)
4. Ruth Elizabeth Dalrymple, Stenographer and Clerk (C. S.).....		300
(See Supervision and High School Instruction.....)		960)
(Total Salary.....)		1 260)
<i>Total, Education</i>		<u>\$ 11 000</u>

Athletic Coaching
(For Athletic Coaching salaries, see combined schedule under Physical Education for Men.)

Education		<i>Salary</i>
1. E. H. Cameron, Professor.....	A	\$ 7 000
2. W. S. Monroe, Professor.....	A	.....
(Salary under Bureau of Educational Research)		
3. J. A. Clement, Professor.....	A	5 000
4. R. F. Seybolt, Professor.....	A	5 000
5. C. W. Odell, Associate Professor.....	A	3 750
6. O. F. Weber, Assistant Professor.....	B	3 250
7. Nell C. B. Johnston (Mrs.), Associate.....	D	3 000
8. E. W. Dolch, Associate.....	D	2 600
9. G. W. Reagan, Associate.....	D	2 700
10. R. B. Brown, Instructor.....	D	2 000
11. E. F. Potthoff, Instructor.....	E	2 700
12. W. W. Peters, Instructor.....	E	2 000
13. _____, Instructor.....	E	1 800
<i>Total, Education.....</i>		<u>\$ 40 800</u>
Supervision and High School Instruction		
1. L. W. Williams, Principal and Instructor.....	D	\$ 2 200
(See Education Administration.....)		
(Total Salary.....)		
2. H. G. Paul, Professor of Teaching of English.....	A	3 200)
(See College L. A. S.....)		
(Total Salary.....)		
3. E. B. Lytle, Associate Professor of Teaching of Mathematics	A	2 500)
(College of L. A. S.....)		
(Total Salary.....)		
4. _____, Associate.....	D	2 600)
(College of L. A. S.....)		
(Total Salary.....)		
5. H. H. Braucher, Associate.....	D	1 400)
(See Industrial Education.....)		
(Total Salary.....)		
6. R. M. Holmes, Instructor.....	EG50	1 200)
(School of Music.....)		
(Total Salary.....)		
7. J. R. Byerley, Teacher.....	E	1 300)
8. Florence M. Reuss (Mrs.), Teacher.....	EG50	1 900)
9. Liesette McHarry, Teacher.....	E	700)
10. Alice M. Jacoby, Teacher.....	E	2 000)
11. Edith M. Davis, Teacher.....	E	1 500)
12. W. E. Harnish, Teacher.....	E	1 600)
13. Helen Taylor, Teacher.....	E	2 000)
14. Marie Jeannette Boysen, Teacher.....	E	1 900)
15. W. Habberton, Teacher.....	E	1 700)
16. Pauline E. Changnon, Teacher.....	E	1 900)
17. Frances D. Wilson (Mrs.), Teacher.....	E	1 600)
18. Dorles C. Stutzman, Teacher.....	E	1 700)
19. Mabel Rea Hagen (Mrs.), Teacher.....	E	1 600)
20. E. Sullivan (Mrs.), Librarian (C. S.).....	E	1 600)
21. Velma I. Kitchell, Teacher.....	E	1 500)
(School of Music.....)		
(Total Salary.....)		
22. _____, Teacher.....	EG50	950)
23. Ruth Elizabeth Dalrymple, Stenographer and Clerk (C. S.)		700)
(See Administration.....)		
(Total Salary.....)		
<i>Total, Supervision and High School Instruction.....</i>		<u>\$ 37 010</u>

Bureau of Educational Research		<i>Salary</i>
1. W. S. Monroe, Professor of Education	A	\$ 6 000
Director	D	.....
2. C. W. Odell, Associate Professor	A	.....
(Salary under Education)		
3. V. T. Smith, Assistant	D	1 600
4. M. D. Engelhart, Assistant	D	1 800
5. T. T. Hamilton, Assistant	D	1 600
6. Helen M. Putman, Chief Clerk (C. S.)		1 620
7. Elsie Burt (Mrs.), Stenographer (C. S.)		1 320
8. Katherine S. Ashley (Mrs.), Clerk and Typist (C. S.)		1 200
<i>Total, Bureau of Educational Research</i>		<u>\$ 15 140</u>

Agricultural Education		
1. A. W. Nolan, Associate Professor	A	\$ 4 500
2. B. C. Lawson, Instructor	D	2 500
3. H. J. Rucker, Instructor	D	2 400
4. Melvin Henderson, Assistant	DG75	1 800
<i>Total, Agricultural Education</i>		<u>\$ 11 200</u>

Home Economics Education		
1. Anna Belle Robinson, Associate	D	\$ 2 700
2. Elizabeth Todd, Associate	D	2 700
3. Florence King, Instructor	E	2 400
<i>Total, Home Economics Education</i>		<u>\$ 7 800</u>

Industrial Education		
1. A. B. Mays, Professor	A	\$ 4 750
2. A. F. Dodge, Assistant Professor	B	4 000
3. H. H. Braucher, Associate	D	1 700
(See Supervision and High School Instruction		1 200)
(Total Salary		2 900)
4. R. T. Gregg, Assistant	E	1 600
5. Lillian Hart, Secretary (Exempt)	D	500
(See Administration		1 200)
(From Summer Session		200)
(Total Salary		1 900)
<i>Total, Industrial Education</i>		<u>\$ 12 505</u>

**COLLEGE OF ENGINEERING
AND ENGINEERING EXPERIMENT STATION**

Summary			
	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration	\$ 18 320 00	\$ 5 700 00	\$ 24 020 00
Architecture	71 130 00	3 450 00	74 580 00
Ceramic Engineering	24 900 00	5 580 00	30 480 00
Civil Engineering	57 500 00	4 600 00	62 100 00
Electrical Engineering	48 300 00	6 100 00	54 400 00
General Engineering Drawing	35 400 00	2 200 00	37 600 00
Mechanical Engineering	107 100 00	14 625 00	121 725 00
Mining Engineering	15 700 00	1 150 00	16 850 00
Physics	72 016 00	8 850 00	80 866 00
Railway Engineering	19 900 00	1 980 00	21 880 00
Theoretical and Applied Mechanics ..	51 360 00	5 000 00	56 360 00
<i>Total, College</i>	<u>(521 626 00)</u>	<u>(59 235 00)</u>	<u>(580 861 00)</u>
Engineering Experiment Station	67 960 00	25 055 00	93 015 00
Coal Mines Investigation	3 300 00	2 000 00	5 300 00
<i>Grand Total</i>	<u>\$592 886 00</u>	<u>\$ 86 290 00</u>	<u>\$679 176 00</u>

Administration

		<i>Salary</i>
1. M. S. Ketchum, Dean of the College of Engineering and Director of the Engineering Experiment Station.....	A	\$ 8 500 ¹
2. H. H. Jordan, Assistant Dean of the College of Engineering (See General Engineering Drawing.....)	D	1 500
(Total Salary.....)		5 000)
		6 500)
3. Marie Huber, Secretary to the Dean (Exempt).....	D	2 100
4. Carolyn N. Agee, Stenographer (C. S.).....		1 600
5. Elizabeth Beeker (Mrs.), Record Clerk (C. S.).....		1 200
6. _____, Stenographer.....		1 020
7. Mildred Montgomery, Stenographer (C. S.).....		1 140
8. Helen Bruner, Stenographer (C. S.).....		1 260
<i>Total Administration.....</i>		<i>\$ 18 320</i>

Architecture

1. L. H. Provine, Professor of Architectural Engineering and Head of Department of Architecture.....	A	\$ 6 500
2. J. M. White, Professor of Architectural Engineering.....	A	.....
Supervising Architect and Superintendent of Business Operations.....	D	.....
(Salary under Physical Plant)		
3. R. Newcomb, Professor of History of Architecture.....	A	7 500
4. _____, Professor of Architectural Design.....	A	6 000
5. C. E. Palmer, Professor of Architectural Engineering.....	A	4 800
6. T. E. O'Donnell, Associate Professor.....	A	3 600
7. N. D. Morgan, Associate Professor of Architectural Engineering.....	A	4 000
8. L. F. Bailey, Assistant Professor of Architectural Design...	B	3 300
9. W. A. Foster, Assistant Professor of Rural Architecture....	B	3 800
10. F. M. Lescher, Assistant Professor.....	D	3 400
11. O. S. Fjelde, Assistant Professor.....	D	3 400
12. J. A. Hartell, Assistant Professor.....	D	3 250
13. G. S. Keith, Instructor.....	E	2 500
14. J. W. Kennedy, Instructor in Freehand Drawing.....	E	2 600
15. E. I. Love, Instructor.....	E	2 600
16. J. D. Hogan, Instructor.....	E	2 200
17. M. Abramovitz, Assistant.....	E	1 700
18. G. L. Horner, Assistant.....	E	1 900
19. _____, Assistant.....	E	1 700
20. _____, Assistant.....	E	1 900
21. P. A. Bezy, Assistant.....	E	1 500
22. J. J. Fiscus, Assistant and Storekeeper (C. S.).....		1 600
23. Mildred C. Barber (Mrs.), Clerk and Stenographer (C. S.).....		1 380
<i>Total, Architecture.....</i>		<i>\$ 71 130</i>

Ceramic Engineering

1. C. W. Parmelee, Professor of Ceramic Engineering and Head of the Department (On leave with ½ pay, 1930-31)....	A	\$ 6 500
2. R. K. Hursh, Professor.....	A	4 500
3. A. I. Andrews, Associate Professor.....	A	4 300
4. C. L. Thompson, Instructor.....	E	2 300
5. _____, Instructor (Salary paid from unused portion of salary of C. W. Parmelee, absent on leave, not included in total.....)	E	2 800)
6. E. G. Bourne, Laboratory Demonstrator and Potter.....	D	2 300
7. W. B. McDevitt, Assistant Laboratory Demonstrator.....	D	2 000
8. J. H. Cain, Laboratory Attendant (C. S.).....		1 800
9. _____, Clerk and Stenographer (C. S.).....		1 200
<i>Total, Ceramic Engineering.....</i>		<i>\$ 24 900</i>

¹Subject to ability to resume work. See page 613.

Civil Engineering

		<i>Salary</i>
1. W. C. Huntington, Professor of Civil Engineering and Head of the Department.....	A	\$ 7 000
2. H. Cross, Professor of Structural Engineering (On leave with $\frac{1}{2}$ pay, 1930-31).....	A	5 000
3. H. E. Babbitt, Professor of Sanitary Engineering.....	A	4 500
4. J. S. Crandell, Professor of Highway Engineering.....	A	4 500
5. G. W. Pickels, Associate Professor of Drainage Engineering.....	A	4 200
6. C. C. Wiley, Associate Professor of Highway Engineering..	A	3 600
7. T. C. Shedd, Associate Professor of Structural Engineering.....	A	3 500
8. J. J. Doland, Associate Professor.....	A	3 700
9. W. H. Rayner, Assistant Professor of Surveying.....	D	3 300
10. J. Vawter, Assistant Professor.....	D	3 500
11. E. E. Bauer, Associate.....	D	3 000
12. F. W. Stubbs, Associate.....	D	3 000
13. G. H. Dell, Instructor.....	E	2 900
14. W. A. Oliver, Instructor.....	E	2 400
15. E. M. Loebis, Instructor.....	E	1 800
16. _____, Instructor (Salary paid from unused portion of salary of H. Cross, absent on leave, not included in total.....		2 500)
17. Louise Gibson, Secretary (C. S.).....		1 600
<i>Total, Civil Engineering.....</i>		<u>\$ 57 500</u>

Electrical Engineering

1. E. B. Paine, Professor of Electrical Engineering and Head of the Department.....	A	\$ 7 000
2. M. Brooks, Professor, <i>Emeritus</i>		1 800
3. E. H. Waldo, Assistant Professor of Electrical Design.....	A	3 500
4. A. R. Knight, Assistant Professor.....	B	3 500
5. E. A. Reid, Assistant Professor.....	B	3 500
6. H. A. Brown, Assistant Professor.....	B	4 000
7. H. J. Reich, Assistant Professor.....	D	3 300
8. C. A. Keener, Assistant Professor.....	D	3 000
9. J. O. Kraehenbuehl, Assistant Professor.....	D	3 000
10. M. A. Faucett, Instructor.....	E	2 600
11. C. E. Skroder, Instructor.....	E	2 600
12. L. B. Archer, Instructor.....	E	2 600
13. L. L. Smith, Instructor.....	E	2 200
14. H. N. Hayward, Instructor.....	E	2 200
15. W. S. Goodspeed, Mechanician (C. S.).....		2 000
16. Philomena Marquardt, Clerk and Stenographer (C. S.)....		1 500
<i>Total, Electrical Engineering.....</i>		<u>\$ 48 300</u>

General Engineering Drawing

1. H. H. Jordan, Professor of General Engineering Drawing and Head of the Department.....	A	\$ 5 000
(See Engineering College Administration.....		1 500)
(Total Salary.....		6 500)
2. R. P. Hoelscher, Associate Professor.....	A	4 300
3. F. M. Porter, Assistant Professor.....	B	3 200
4. R. S. Crossman, Associate.....	D	2 500
5. C. H. Springer, Associate.....	D	2 700
6. A. Jorgensen, Instructor.....	E	2 400
7. S. G. Hall, Instructor.....	E	2 400
8. L. D. Walker, Instructor.....	E	2 200
9. P. E. Nielsen, Instructor.....	E	2 100
10. H. M. Fitch, Instructor.....	E	2 300
11. L. D. Doty, Instructor.....	E	2 300

		<i>Salary</i>
12.	H. H. Black, Instructor.....	E 1 900
13.	_____, Instructor.....	E 2 100
<i>Total, General Engineering Drawing.....</i>		<i>\$ 35 400</i>
Mechanical Engineering		
1.	A. C. Willard, Professor of Heating and Ventilation and Head of the Department of Mechanical Engineering..	A \$ 9 000
2.	O. A. Leutwiler, Professor of Mechanical Engineering Design	A 6 500
3.	C. H. Casberg, Manager of the Shop Laboratories.....	A 5 500
4.	J. A. Polson, Professor of Steam Engineering.....	A 5 000
5.	C. W. Ham, Professor of Machine Design.....	A 4 800
6.	H. J. Macintire, Associate Professor of Refrigeration.....	A 4 000
7.	W. H. Severns, Associate Professor.....	A 4 000
8.	J. A. Goff, Associate Professor of Thermodynamics.....	A 4 500
9.	M. R. Riddell, Associate Professor of Aeronautical Engineering and Assistant to the Director of the Engineering Experiment Station.....	B
(Salary under Engineering Experiment Station).....		
10.	W. N. Espy, Assistant Professor.....	D 3 400
11.	P. E. Mohn, Associate.....	D 3 000
12.	P. E. Henwood, Associate in Machine Design.....	D 2 800
13.	P. H. Black, Instructor.....	E 2 100
14.	J. C. Reed, Instructor.....	E 2 100
15.	R. F. Larson, Instructor.....	E 2 200
16.	D. G. Ryan, Instructor.....	E 2 300
17.	E. E. Ambrosius, Instructor.....	E 2 100
18.	_____, Instructor.....	E 2 000
19.	F. H. Thomas, Superintendent of the Machine Laboratory.	D 3 000
20.	E. T. Lanham, Superintendent of the Forge Laboratory...	B 2 800
21.	B. R. Hall, Superintendent of the Pattern Laboratory.....	B 2 400
22.	J. F. Wooddell, Superintendent of the Foundry Laboratory	D 3 000
23.	C. J. Starr, Assistant Superintendent of Machine Laboratory	D 2 500
24.	C. E. Schubert, Assistant Superintendent of the Foundry Laboratory.....	D 2 400
25.	A. D. Wright, Assistant Superintendent of Pattern Laboratory.....	E 2 200
26.	R. L. Scolah, Assistant in the Forge Laboratory.....	D 2 400
27.	C. E. Derrough, Assistant in the Machine Laboratory....	D 2 300
28.	E. B. Corbin, Mechanician in the Shop Laboratories (C. S.)	2 000
29.	G. J. Oehmke, Mechanician in the Mechanical Engineering Laboratory (C. S.).....	2 000
30.	M. W. Hoag, Mechanician in the Mechanical Engineering Laboratory (C. S.).....	2 000
31.	C. G. Bradley, Mechanician in the Mechanical Engineering Laboratory (C. S.).....	2 000
32.	T. E. Parsons, Assistant Mechanician in the Shop Laboratories (C. S.).....	1 500
33.	M. B. Singer, Assistant Mechanician in the Shop Laboratories (C. S.).....	1 500
34.	M. J. Shaff, Assistant Mechanician in the Shop Laboratories (C. S.).....	E 1 200
35.	I. E. Douglas, Tool-Room Attendant in the Mechanical Engineering Laboratory (C. S.).....	1 300
36.	C. D. Floyd, Tool-Room Attendant in the Machine Laboratory (C. S.).....	1 200
37.	J. H. Huffer, Tool-Room Attendant in the Pattern Laboratory (C. S.).....	E 1 100
38.	Beulah Dent (Mrs.), Secretary (C. S.).....	1 800
39.	Irene Glotfelty (Mrs.), Clerk and Stenographer (C. S.)....	1 200
<i>Total, Mechanical Engineering.....</i>		<i>\$107 100</i>

Mining Engineering

		<i>Salary</i>
1. A. C. Callen, Professor of Mining Engineering and Head of the Department	A	\$ 7 000
2. D. R. Mitchell, Associate	D	3 000
3. H. P. Nicholson, Instructor	E	2 700
4. H. J. VanDerbeek, Mechanician (C. S.)		1 800
5. Vannie L. Sheiry, Clerk and Stenographer (C. S.)		1 200
<i>Total, Mining Engineering</i>		<hr/> \$ 15 700

Physics

1. F. W. Loomis, Professor of Physics and Head of the Department	A	\$ 7 000
2. A. P. Carman, Professor, <i>Emeritus</i>		3 000
3. C. T. Knipp, Professor of Experimental Electricity	A	6 000
4. F. R. Watson, Professor of Experimental Physics	A	6 000
5. J. Kunz, Professor of Mathematical Physics	A	5 000
6. W. F. Schulz, Associate Professor	A	3 600
7. E. R. Williams, Associate Professor of Experimental Physics	A	3 600
8. R. F. Paton, Associate Professor	A	3 800
9. J. H. Bartlett, Jr., Assistant Professor of Theoretical Physics	D	3 000
10. W. H. Sanders, Associate	D	2 700
11. G. M. Almy, Instructor	E	2 500
12. C. E. Ireland, Assistant	EG75	1 200
13. C. D. Hause, Assistant	EG75	1 200
14. F. W. Cooke, Assistant	EG75	1 050
15. P. C. Ludolph, Assistant	E	1 400
16. F. M. Sparks, Assistant	EG75	1 050
17. H. Q. Fuller, Assistant	EG50	700
18. _____, Assistant	EG75	1 050
19. L. N. Scheuerman, Assistant	EG50	700
20. W. H. Furry, Assistant	EG50	700
21. J. J. Gibbons, Assistant	EG50	700
22. C. N. Challacombe, Assistant	EG50	700
23. F. W. Brown, Assistant	EG50	700
24. M. C. Watson, Assistant	EG50	700
25. _____, Assistant	EG50	700
26. _____, Assistant	EG50	700
27. G. M. Wissink, Assistant	EG50	700
28. R. J. Walsh, Jr., Assistant	EG50	700
29. _____, Assistant	EG50	700
30. K. E. Bisshopp, Assistant	EG50	700
31. R. B. Howard, Assistant	EG50	700
32. C. W. Fieg, Mechanician (C. S.)		1 900
33. W. C. Deem, Assistant Mechanician (C. S.)		1 600
34. DaVon Smith, Assistant Mechanician (C. S.)		1 500
35. H. T. Wyninger, Storekeeper and Lecture Attendant (C. S.)		1 700
36. Della M. Rogers, Secretary (C. S.)		1 600
37. A. Tornquist, Mechanician, Retired		766
<i>Total, Physics</i>		<hr/> \$ 72 016

Railway Engineering

1. E. C. Schmidt, Professor of Railway Engineering and Head of the Department	A	\$ 6 000
2. E. E. King, Professor of Railway Civil Engineering	A	4 800
3. J. K. Tuthill, Assistant Professor of Railway Electrical Engineering	B	3 500
4. H. J. Schrader, Associate in Railway Mechanical Engineering	D	2 600
5. H. R. Higgins, Mechanician (C. S.)		1 800
6. Mollie M. Faullin, Clerk and Stenographer (C. S.)		1 200
<i>Total, Railway Engineering</i>		<hr/> \$ 19 900

Theoretical and Applied Mechanics

		<i>Salary</i>
1. M. L. Enger, Professor of Mechanics and Hydraulics and Head of Department of Theoretical and Applied Mechanics.....	A	\$ 7 000
2. A. N. Talbot, Professor of Municipal and Sanitary Engineering, <i>Emeritus</i>		3 000
3. F. B. Seely, Professor.....	A	6 000
4. H. M. Westergaard, Professor.....	A	4 500
5. N. E. Ensign, Associate Professor.....	A	4 000
6. W. J. Putnam, Associate Professor.....	A	4 000
7. V. R. Fleming, Assistant Professor.....	B	3 300
8. J. O. Draffin, Assistant Professor.....	B	3 600
9. W. L. Schwalbe, Associate.....	D	2 800
10. W. M. Lansford, Instructor.....	E	2 200
11. W. L. Collins, Instructor.....	E	2 100
12. E. W. Suppiger, Instructor.....	E	2 100
13. T. J. Dolan, Assistant.....	E	2 000
14. R. Pergande, Mechanician (C. S.).....		2 000
15. A. J. Nickerson, Assistant and Storekeeper (C. S.).....		1 500
16. Lyrrell Sutton, Clerk and Stenographer (C. S.).....		1 260
<i>Total, Theoretical and Applied Mechanics.....</i>		\$ 51 360

Engineering Experiment Station

1. M. S. Ketchum, Dean of the College of Engineering and Director of the Engineering Experiment Station..... (Salary under College Administration)	A	\$
2. M. R. Riddell, Associate Professor of Aeronautic Engineering and Assistant to the Director.....	B	4 000
3. D. B. Keyes, Professor of Industrial Chemistry in Department of Chemistry..... (See Department of Chemistry..... (Total Salary.....	A	3 000 3 000) 6 000)
4. H. F. Moore, Research Professor of Engineering Materials.....	A	7 500
5. W. M. Wilson, Research Professor of Structural Engineering.....	A	6 000
6. A. P. Kratz, Research Professor of Mechanical Engineering (Paid from Warm Air Furnace Research Funds..... (Total Salary.....	A	4 600 1 400) 6 000)
7. E. G. Young, Research Professor of Railway Mechanical Engineering.....	A	4 200
8. J. T. Tykociner, Research Professor of Electrical Engineering.....	A	5 000
9. F. E. Richart, Research Associate Professor of Theoretical and Applied Mechanics.....	A	4 800
10. H. R. Thomas, Special Research Associate Professor of Engineering Materials (until further notice)(Paid from special funds for cooperative research work.....	F	4 800)
11. Dana Burks, Jr., Special Research Assistant Professor of Chemical Engineering (until further notice) (Paid from funds for investigation of Water Treatment for Ice Manufacture.....	F	4 000)
12. R. L. Brown, Research Associate in Theoretical and Applied Mechanics.....	D	2 600
13. Sherlock Swann, Jr., Research Associate in Chemical Engineering.....	D	2 500
14. R. D. Snow, Special Research Associate in Chemical Engineering (until further notice) (Paid from funds for investigation of Partial Oxidation.....	F	3 800)
15. A. C. Robertson, Special Research Associate in Chemical Engineering (until further notice) (Paid from funds for investigation of Effect of Products of Combustion on Flue Piping.....	F	3 600)

		<i>Salary</i>
16. —————, Research Assistant in Mechanical Engineering.....	D	2 000
17. A. E. Badger, Research Assistant in Ceramic Engineering.....	D	2 400
18. A. E. Hershey, Research Assistant in Mechanical Engineering.....	D	2 500
19. J. G. Lowther, Research Assistant in Mechanical Engineering.....	D	2 000
20. F. G. Straub, Special Research Associate in Chemical Engineering (until further notice) (Paid from funds for investigation of Solubility of Boiler Waters.....)	F	4 000)
21. H. F. Johnstone, Special Research Associate in Chemical Engineering (until further notice) (Paid from funds for investigation of Prevention of Corrosion by Flue Gases.....)	F	3 800)
22. M. K. Fahnestock, Special Research Associate in Mechanical Engineering (until further notice) (Paid from funds for investigation of Steam and Hot Water Systems.....)	F	3 200)
23. S. Konzo, Special Research Assistant in Mechanical Engineering (until further notice) (Paid from Warm Air Furnace Research Funds.....)	F	2 700)
24. B. B. Betty, Special Research Assistant in Engineering Materials (until further notice) (Paid from special funds for cooperative research work.....)	F	2 400)
25. N. J. Alleman, Special Research Assistant in Engineering Materials (until further notice) (Paid from special funds for cooperative research work.....)	F	2 800)
26. N. H. Roy, Special Research Assistant in Theoretical and Applied Mechanics (until further notice) (Paid from funds for the investigation of Fissures in Steel Rails ..)	F	3 000)
27. L. P. Morris, Special Research Assistant in Electrical Engineering (until further notice) (Paid from funds for the investigation of Cable Testing.....)	F	2 200)
28. —————, Special Research Assistant in Ceramic Engineering (until further notice) (Paid from funds for Utilities Research Commission cooperative work.....)	F	2 700)
29. W. R. Morgan, Special Research Assistant in Ceramic Engineering (until further notice) (Paid from funds for Clay Sewer Pipe investigation.....)	F	3 300)
30. A. J. Monack, Special Research Assistant in Ceramic Engineering (until further notice) (Paid from funds for Utilities Research Commission cooperative work.....)	F	2 400)
31. V. P. Jensen, Special Research Assistant in Theoretical and Applied Mechanics (until further notice) (Paid from funds for investigation of Concrete made with Light Aggregate.....)	F	2 100)
32. W. T. Pope, Mechanician for research work in Civil Engineering (C. S.).....		2 000
33. G. H. Powers, Assistant Mechanician in Electrical Engineering (C. S.).....		1 500
34. E. F. Heater, Draftsman (C. S.).....		2 300
35. Wilhelmina Luther, Editorial Assistant (C. S.).....		1 800
36. Harriet Postlewait, Clerk and Stenographer (C. S.).....		1 500
37. Dorsie R. Baize, Stenographer (C. S.).....		360
(See Chemistry.....)		720)
(Total Salary.....)		1 080)
38. Walter Kletting, Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929)	F	600
39. W. A. Laning, Jr., Research Graduate Assistant in Electrical Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929).....	F	600
40. K. C. Tippy, Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929)....	F	600
41. Alfred Hedefine, Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929)	F	600

42. R. E. Lewis, Research Graduate Assistant in Mechanical Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929)	F	Salary 600
43. F. P. Thomas, Research Graduate Assistant in Civil Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929)....	F	600
44. _____, Research Graduate Assistant (2 yrs. of 10 mos. each from Sept. 1, 1930).....	F	600
45. R. E. Nusbaum, Research Graduate Assistant (2 yrs. of 10 mos. each from Sept. 1, 1930).....	F	600
46. T. G. Taylor, Research Graduate Assistant in Theoretical and Applied Mechanics (2 yrs. of 10 mos. each from Sept. 1, 1930).....	F	600
47. O. R. Bingham, Special Research Graduate Assistant in Chemical Engineering.....	E	(800) ¹
48. H. W. Nelson, Special Research Graduate Assistant in Chemical Engineering.....	E	(800) ¹
49. Herbert Berg, Research Graduate Assistant in Gas Engineering (until Sept. 1, 1931).....	F	(600) ²
50. R. M. Lawrence, Special Research Graduate Assistant in Gas Engineering (2 yrs. of 10 mos. each from Sept. 1, 1929).....	F	(600) ²
51. W. M. Honour, Special Research Graduate Assistant in Civil Engineering (1 yr. of 10 mos. from Feb. 1, 1930)	F	(600) ³
52. H. E. Dew, Special Research Graduate Assistant in Civil Engineering (1½ yrs. of 10 mos. each from Sept. 1, 1929).....	F	(600) ⁴
53. R. B. Moorman, Special Research Graduate Assistant in Civil Engineering (1½ yrs. of 10 mos. each from Sept. 1, 1929).....	F	(600) ⁴
54. E. C. Clemens, Special Research Graduate Assistant in Ceramic Engineering (until Feb. 1, 1931, not including July and August).....	F	(600) ⁴
55. Lane Mitchell, Special Research Graduate Assistant in Ceramic Engineering (until Feb. 1, 1931, not including July and August).....	F	(600) ⁴
56. L. R. Shardlow, Special Research Graduate Assistant in Ceramic Engineering.....	E	(600) ¹
57. C. G. Harman, Special Research Graduate Assistant in Ceramic Engineering.....	E	(600) ¹
58. _____, Special Research Graduate Assistant in Ceramic Engineering.....	E	(600) ¹
<i>Total, Engineering Experiment Station.....</i>		<u>\$ 67 960</u>
Cooperative Mines Investigation		
1. C. M. Smith, Research Associate in Mining Engineering...	D	\$ 3 300

¹Funds supplied by Utilities Research Commission; not included in total.²Funds supplied by Illinois Gas Association; not included in total.³Funds supplied by A. S. C. E.; not included in total.⁴Funds supplied by Illinois Clay Products Association; not included in total.

**COLLEGE OF AGRICULTURE
AND AGRICULTURAL EXPERIMENT STATION**

Summary			
	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 24 210 00	\$ 10 800 00	\$ 35 010 00
Agricultural Economics.....	5 550 00		5 550 00
Agricultural College Extension....	10 680 00	7 250 00	17 930 00
Agronomy.....	114 040 00	77 358 00	191 398 00
Soil Survey Reports, Printing.....		7 500 00	7 500 00 ²
Animal Husbandry.....	94 315 00	154 015 00	248 330 00
Dairy Husbandry.....	52 577 00	63 755 00	116 332 00
Farm Mechanics.....	18 030 00	9 000 00	27 030 00
Farm Organization and Manage- ment.....	27 640 00	7 850 00	35 490 00
Home Economics.....	51 460 00	7 470 00	58 930 00
Horticulture.....	96 740 00	78 720 00	175 460 00
<i>Sub-total</i>	(495 242 00)	(423 718 00)	(918 960 00)
Revolving Funds			
Dairy Creamery.....	3 540 00	102 200 00	105 740 00
Dairy Creamery Short Course..		200 00	200 00
Home Economics Cafeteria.....	1 400 00	12 600 00	14 000 00
Extension Revolving.....		2 000 00	2 000 00
<i>Sub-total</i>	(500 182 00)	(540 718 00)	(1 040 900 00)
Cook County Experiment Station..	2 800 00	8 400 00	11 200 00
Purnell Fund.....	36 838 56 ¹	23 161 44 ³	60 000 00
Smith-Lever Fund.....	206 406 64 ¹	33 217 70	239 624 34
Capper-Ketcham Fund.....	35 873 36 ¹	4 294 12	40 167 48
<i>Grand Total</i>	\$782 100 56	\$609 791 26	\$1 391 891 82

RESOURCES FOR AGRICULTURAL BUDGET

	<i>University and Federal Funds</i>	<i>Estimated Receipts⁴</i>
Administration.....	\$ 35 010 00	
Agricultural Economics.....	5 550 00	
Agricultural College Extension....	17 930 00	
Agronomy.....	180 598 00	\$ 10 800 00
Soil Survey Reports, Printing.....	7 500 00	
Animal Husbandry.....	183 730 00	64 600 00
Dairy Husbandry.....	79 072 00	37 260 00
Farm Mechanics.....	26 730 00	300 00
Farm Organization and Management.....	35 490 00	
Home Economics.....	58 930 00	
Horticulture.....	149 960 00	25 500 00
<i>Sub-total</i>	(780 500 00)	(138 460 00)
Revolving Funds		
Dairy Creamery.....		105 740 00
Dairy Creamery Short Course.....		200 00
Home Economics Cafeteria.....		14 000 00
Extension Revolving.....		2 000 00
<i>Sub-total</i>	(780 500 00)	(260 400 00)
Cook County Experiment Station.....	10 000 00	1 200 00
Purnell Fund.....	60 000 00	
Smith-Lever Fund.....	239 624 34	
Capper-Ketcham Fund.....	40 167 48	
<i>Grand Total</i>	\$1 130 291 82	\$261 600 00

¹Unused balances in salary budget items may be transferred to expense and equipment budgets by the Director.

²Unexpended balance will lapse September 30, 1931.

³Includes \$2654.01 unassigned and subject to appropriation by the Board.

⁴Expenditures may not exceed actual receipts if less than estimate.

COLLEGE OF AGRICULTURE
Estimated College-Station Distribution

	<i>College</i>	<i>Station</i>
Administration.....	\$ 12 000 00	\$ 23 010 00
Agricultural College Extension.....	17 930 00	
Agricultural Economics.....		5 550 00
Agronomy.....	33 693 00	157 705 00
Soil Survey Reports, Printing.....		7 500 00
Animal Husbandry.....	81 165 00	167 165 00
Dairy Husbandry.....	57 574 00	58 758 00
Farm Mechanics.....	15 182 00	11 843 00
Farm Organization and Management.....	6 350 00	29 140 00
Home Economics.....	58 930 00	
Horticulture.....	103 050 00	72 410 00
<i>Sub-total</i>	(385 874 00)	(533 086 00)
Revolving Funds		
Dairy Creamery.....	105 740 00	
Dairy Creamery Short Course.....	200 00	
Home Economics Cafeteria.....	14 000 00	
Extension Revolving.....	2 000 00	
<i>Sub-total</i>	(507 814 00)	(533 086 00)
Cook County Experiment Station.....		11 200 00
Purnell Fund.....		60 000 00
Smith-Lever Fund.....	239 624 34	
Capper-Ketcham Fund.....	40 167 48	
<i>Grand Total</i>	\$787 605 82	\$604 286 00

**COLLEGE OF AGRICULTURE AND AGRICULTURAL
EXPERIMENT STATION**

C = College; S = Station; E = Extension

		<i>Salary</i>
Administration		
1. E. Davenport, Dean and Professor, <i>Emeritus</i>		\$ 3 900
2. H. W. Mumford, Dean, College of Agriculture (C) Director, Agricultural Experiment Station (S) Director, Agri- cultural Extension Service (E) Professor of Animal Husbandry (C).....	A	6 900
(See Smith-Lever.....)		2 100)
(Total Salary.....)		9 000)
3. G. L. Jordan, Assistant to the Dean and Director (CS&E). (See Smith-Lever (E).....)	D	900
(See Purnell.....)		1 000)
(Total Salary.....)		2 900)
4. D. E. Lindstrom, Assistant in Rural Sociology (E&S)..... (See Smith-Lever.....)		1 350)
(See Purnell.....)		1 250)
(Total Salary.....)		2 600)
5. Anna C. Glover, Secretary of Agricultural Experiment Station, Manager of Publications (S) (Fed.).....	B	3 000
6. F. J. Keilholz, Extension Editor (S&E).....	B	250
(See Smith-Lever.....)		3 750)
(Total Salary.....)		4 000)
7. Blanche Penrod, Editorial Assistant (C. S.) (Fed.) (S&E).. (See Smith-Lever.....)	D	1 800
(See Purnell.....)		100)
(Total Salary.....)		1 900)
8. Edna M. Guthrie, Editorial Assistant (C. S.) (S).....	D	1 800
9. Margaret E. Shannon, Specialist in Office Organization and Management (Fed.) (S&E).....	D	.....
(See Smith-Lever.....)		1 630)
(See Purnell.....)		370)
(Total Salary.....)		2 000)

		<i>Salary</i>
10. Catherine Davey, Secretary to Dean and Director (Exempt)	D	1 500
11. Bess Riggs, Chief Clerk (C. S.)		1 700
12. _____, Clerk, Agricultural Mailing Room (C. S.) (S)		1 440
13. Lucy Coe, Stenographer (C. S.)		1 020
14. _____, Stenographer (C. S.)		.....
(See Purnell.....)		1 200)
<i>Total, Administration</i>		\$ 24 210

Agricultural Economics

(Agricultural Experiment Station)

1. C. L. Stewart, Chief, Agricultural Economics (S)	B	\$ 2 500
(See College of Commerce.....)		2 500)
(See Purnell.....)		555 56)
(From Summer Session.....)		277 77)
(Total Salary.....)		5 833 33)
2. L. J. Norton, Assistant Chief (S)	B	1 750
(See College of Commerce.....)		1 750)
(See Purnell.....)		583 33)
(Total Salary.....)		4 083 33)
3. R. W. Bartlett, First Assistant (S)	E	1 300
(See College of Commerce.....)		1 300)
(See Purnell.....)		416 67)
(Total Salary.....)		3 016 67)
4. _____, Assistant (S) (July 1 to August 31, 1930)	F	.....
(See Purnell.....)		400)
5. _____, Research Assistant (S)		.....
(See Purnell.....)	DG50	720)
6. _____, Research Assistant (S)		.....
(See Purnell.....)	DG50	720)
7. _____, Research Assistant (S)		.....
(See Purnell.....)	DG50	720)
8. _____, Stenographer (Fed.)		.....
(See Purnell.....)	D	1 200)
<i>Total, Agricultural Economics</i>		\$ 5 550

Agricultural College Extension

1. F. H. Rankin, Superintendent, Agricultural College Extension	A	\$ 5 000
Assistant Dean.....	D	.....
2. W. H. Young, Associate, Agricultural College Extension...	B	2 800
3. Alice V. Hamilton, Secretary to Assistant Dean (C. S.)		1 800
4. Helen N. Matter, Stenographer (C. S.)		1 080
<i>Total, Agricultural College Extension</i>		\$ 10 680

Agronomy

1. W. L. Burlison, Professor and Chief, Crop Production (C&S), Head of Department	A	\$ 7 500
2. C. F. Hottes, Consulting Plant Physiologist (S)	DG17	1 000
(See Department of Botany.....)		5 000)
(Total Salary.....)		6 000)
3. L. H. Smith, Chief in charge of Publications of Soil Survey (S)	A	4 500
4. F. C. Bauer, Professor, Soils Extension (E), Chief, Soil Experiment Fields (S)	A	4 550
(See Smith-Lever.....)		250)
(Total Salary.....)		4 800)
5. J. C. Hackleman, Professor and Chief, Crops Extension (E&S)		.....
(Salary under Smith-Lever.....)	B	4 800)

		<i>Salary</i>
6. E. E. DeTurk, Professor and Chief, Soil Technology (C&S), in charge of Soil Analysis of Soil Survey	B	4 250
7. R. S. Smith, Professor and Chief, Soil Physics (C&S), in charge of identification and mapping of soil types.....	B	4 800
8. C. M. Woodworth, Professor and Chief, Plant Breeding (C&S).....	B	4 250
9. O. H. Sears, Associate Professor and Associate Chief, Soil Biology (C&S).....	D	3 800
10. J. J. Pieper, Associate Professor and Associate Chief, Crop Production (C&S).....	D	3 750
11. G. H. Dungan, Associate Professor and Associate Chief, Crop Production (C&S).....	D	3 750
12. H. J. Snider, Assistant Chief, Soil Experiment Fields (S) ..	B	3 300
13. D. C. Wimer, Assistant Professor and Assistant Chief, Soil Physics (C&S).....	B	3 250
14. B. Koehler, Assistant Chief, Crop Pathology (S).....	B	3 600
15. E. A. Norton, Assistant Chief, Soil Survey Mapping (S)...	B	3 200
16. C. M. Linsley, Assistant Professor, Soils Extension (E)....		.....
(Salary under Smith-Lever.....)	B	3 200)
17. L. F. Rickey, Associate, Grain Marketing Technology (C&S).....	D	1 000
(See Purnell Fund.....)		2 800)
(Total Salary.....)		3 800)
18. J. Lamb, Jr., Associate, Soil Experiment Fields and Soils Extension (S&E).....	D	2 050
(See Smith-Lever.....)		450)
(Total Salary.....)		2 500)
19. M. B. Harland, Associate, Soil Physics and Soil Survey Mapping (C&S).....	D	2 300
20. R. S. Stauffer, Associate, Soil Physics and Soil Survey Mapping (C&S).....	B	2 400
21. A. L. Lang, Associate, Soil Experiment Fields (S).....	B	2 400
22. F. H. Crane, Associate, Soil Fertility (C&S).....	B	2 500
23. C. J. Badger, Associate, Soil Experiment Fields (S).....	B	2 000
24. R. H. Bray, Associate, Soil Survey Analysis (S).....	D	2 500
25. W. J. Mumm, Associate, Plant Breeding (C&S).....	D	2 200
26. A. U. Thor, First Assistant, Soil Experiment Fields (S)....	B	2 100
27. J. C. Anderson, First Assistant, Soil Fertility (S).....	D	1 800
28. D. C. Maxwell, First Assistant, Soil Survey Mapping (S)...	D	2 300
29. O. T. Bennett, Instructor and First Assistant, Plant Breeding (C&S).....	D	2 000
30. L. B. Miller, Assistant, Soil Experiment Fields (S).....	D	2 000
31. E. B. Earley, Assistant, Soil Fertility (S).....	D	1 600
32. H. Wascher, Assistant, Soil Survey Mapping (S).....	D	1 900
33. E. Winters, Jr. Assistant, Soil Physics and Soil Survey Mapping (S).....	D	1 800
34. L. K. Eby, Assistant, Soil Survey Analysis (S).....	D	1 400
35. C. H. Farnham, Assistant, Soil Experiment Fields (S)....	D	1 600
36. C. A. Van Doren, Assistant, Crop Production (C&S).....	D	1 800
37. _____, Assistant, Soil Biology (C&S).....	D	2 000
38. A. Kirkwood, Assistant, Soil Experiment Fields (S).....	D	1 600
39. C. N. Darras, Assistant, Soil Survey Analysis (S).....	D	1 400
40. K. B. Daniloff, Assistant, Soil Fertility (S).....	D	.....
(Salary paid from funds from Ruhm Phosphate & Chemical Company and Thomson Phosphate Company.....)		990)
41. G. D. Smith, Assistant, Soil Physics and Soil Survey Mapping (S).....	D	1 500
42. H. L. Buckardt, Assistant Crop Production (S).....	DG50	720
43. M. F. Hershberger, Assistant, Soil Biology (C&S).....	DG50	720
44. R. E. Fore, Assistant, Plant Breeding (S).....	DG50	720
45. _____, Assistant, Soil Biology (C&S).....	DG50	720
46. L. E. Kehoe, Assistant, Soil Fertility (S).....	DG50	720

		<i>Salary</i>
47. A. W. Klemme, Assistant in Soil Fertility (½ time Sept.-May; full-time June-August) (Paid from funds of Agricultural and Scientific Bureau and Potash Export Company).....	F	1 050)
48. Cecele E. Schlarman, Head Stenographer (C. S.).....		1 800
49. _____, Clerk (C. S.).....		1 400
50. _____, Stenographer (C. S.).....		960
51. Anne M. Cohen, Stenographer (C. S.).....		1 200
52. Vera M. Selsor, Stenographer (C. S.).....		960
53. Gladys L. Paul, Stenographer (C. S.).....		1 140
54. _____, File Clerk (C. S.).....		1 020
55. W. A. McIntire, Retired.....		310
<i>Total, Agronomy</i>		\$114 040

Animal Husbandry

1. H. P. Rusk, Professor and Chief, Cattle Husbandry (C&S), Head of Department.....	A	\$ 7 000
2. R. Graham, Professor and Chief, Animal Pathology and Hygiene (CS&E).....	A	3 500
(See Smith-Lever.....		2 000)
(Total Salary.....		5 500)
3. L. E. Card, Professor and Chief, Poultry Husbandry (C&S)	A	5 000
4. J. L. Edmonds, Professor and Chief, Horse Husbandry (C&S).....	A	5 000
5. H. H. Mitchell, Professor and Chief, Animal Nutrition (C&S).....	A	4 800
6. W. H. Smith, Professor and Chief, Animal Husbandry Extension (E&S).....		.....
(See Smith-Lever.....	D	5 000)
7. W. E. Carroll, Professor and Chief, Swine Husbandry (C&S)	A	4 500
8. H. S. Grindley, Professor, <i>Emeritus</i>	C	2 000
9. E. T. Robbins, Associate Professor, Animal Husbandry Extension.....		.....
(See Smith-Lever.....	D	4 250)
10. R. C. Ashby, Associate Professor and Associate Chief, Livestock Marketing (C&S).....	B	2 125
(See Purnell.....		2 125)
(Total Salary.....		4 250)
11. E. Roberts, Associate Professor and Associate Chief, Animal Genetics (C&S).....	B	4 000
12. S. Bull, Associate Professor & Associate Chief, Meats (C&S)	B	4 500
13. R. R. Snapp, Associate Professor and Associate Chief, Beef Cattle Husbandry (C&S).....	B	4 000
14. W. G. Kammblade, Assistant Professor and Assistant Chief, Sheep Husbandry (C&S).....	B	3 750
15. T. S. Hamilton, Associate, Animal Nutrition (C&S).....	D	3 200
16. H. H. Alp, Extension Specialist, Poultry (E).....		.....
(See Smith-Lever.....	D	3 000)
17. C. W. Crawford, Associate (C&S).....	D	2 750
18. H. J. Sloan, Instructor and First Assistant, Poultry (C&S)	D	2 800
19. F. C. Olson, Instructor and First Assistant (C&S).....	D	1 100
(See Purnell.....		1 100)
(Total Salary.....		2 200)
20. _____, Instructor and First Assistant (C&S).....	DG50	1 000
21. Viola M. Michael, First Assistant (S).....	DG50	720
22. Mary H. Keith, First Assistant, Animal Nutrition (S).....	D	2 000
23. F. Thorp, Jr. Assistant, Animal Pathology (S).....	D	2 800
24. F. E. Elliott, Assistant, Poultry Husbandry (S).....		.....
(See Purnell.....	D	2 600)
25. G. E. Hunt, Assistant, Swine (C&S).....	D	2 100
26. W. B. Young, Assistant, Beef Cattle (C&S).....	D	2 100
27. W. A. James, Assistant, Animal Pathology (C&S).....	D	2 100

		<i>Salary</i>
28. Jessie R. Beadles, Assistant, Animal Nutrition (S).....	D	1 700
29. F. Simpson, Assistant, Animal Nutrition (S).....	D	1 700
30. T. E. Aspinall, Assistant, Animal Nutrition (S).....	D	1 500
31. _____, Assistant (S).....	D	1 400
32. H. D. Preston, Assistant, Animal Nutrition (S).....	DG ₅₀	840
33. F. I. Nakamura, Assistant, Animal Nutrition (S).....	DG ₅₀	840
34. _____, Assistant, Animal Genetics (C&S).....	DG ₅₀	720
(See Purnell.....)	)
(Total Salary.....)		720)
35. _____, Secretary (C&S) (C. S.).....		1 680
36. _____, Stenographer, Pathology (C. S.).....		1 500
37. Margaret Schrader (Mrs.), Senior Clerk (C. S.).....		1 320
38. Mary P. Sudduth (Mrs.), Stenographer (C. S.).....		1 320
39. Eda Konradt, Junior Clerk (C. S.).....		1 200
40. L. Ethylene Odell, Stenographer (C. S.).....		1 140
(See Purnell.....)	)
(Total Salary.....)		1 140)
41. Elizabeth Jung, Stenographer (C. S.).....		510
(See Purnell.....)		570)
(Total Salary.....)		1 080)
42. _____, Stenographer (C. S.).....		1 020
43. Lillian Cunningham (Mrs.), Stenographer (C. S.).....		1 140
44. Agnes Dyson, Stenographer (C. S.).....		1 080
45. W. J. Engle, Retired.....		860
<i>Total, Animal Husbandry.....</i>		\$ 94 315

Dairy Husbandry

1. H. A. Ruehe, Professor and Chief, Dairy Manufactures, Head of Department (C&S).....	A	\$ 6 500
2. M. J. Prucha, Professor and Chief, Dairy Bacteriology (C&S).....	A	4 500
3. W. L. Gaines, Professor and Chief, Milk Production (C&S)	A	4 000
4. W. J. Fraser, Professor, Dairy Farming (C).....	A	4 000
5. W. W. Yapp, Professor and Chief, Dairy Cattle (C&S)....	B	4 250
6. C. S. Rhode, Professor, Dairy Husbandry (E), Extension, Chief, Dairy Husbandry (S).....	)
(See Smith-Lever.....)	B	4 400)
7. W. B. Nevens, Associate Professor and Associate Chief, Dairy Cattle Feeding (C&S).....	B	4 000
8. O. R. Overman, Assistant Professor and Assistant Chief, Dairy Chemistry (C&S).....	B	3 750
9. J. M. Brannon, Assistant Professor and Assistant Chief, Dairy Bacteriology (C&S).....	B	3 000
10. P. H. Tracy, Assistant Professor and Assistant Chief, Dairy Manufactures (C&S).....	B	1 200
(See Creamery.....)		2 400)
(Total Salary.....)		3 600)
11. C. A. Brown, Associate, Dairy Economy (C&S).....	B	412
(See Purnell.....)		2 888)
(Total Salary.....)		3 300)
12. A. F. Kuhlman, Instructor and First Assistant (C&S)....	D	2 100
13. S. L. Tuckey, Instructor and First Assistant, Dairy Manu- factures (C&S).....	D	1 900
14. J. H. Brock, First Assistant, Dairy Husbandry Extension (E).....	)
(See Smith-Lever.....)	D	2 300)
15. O. F. Garrett, Instructor and First Assistant, Dairy Chem- istry (C&S).....	D	1 900
16. D. D. Shaw, Instructor and First Assistant, Dairy Produc- tion (C&S).....	D	1 900

		<i>Salary</i>
17. R. J. Ramsey, Assistant, Dairy Manufactures (C&S).....	D	1 500
18. H. K. Wilson, Special Research Assistant (1 yr. from June 1, 1930).....	FG60	(1 000) ¹
19. Lucile Bullions, Secretary (C. S.).....		1 800
20. Roberta Buckley, Stenographer (C. S.).....		1 260
21. Ellen Fabert, Stenographer (C. S.).....		1 080
22. _____, Clerk (C. S.).....		1 080
23. _____, Stenographer (C. S.).....		1 080
24. Mary Jones, Clerk (C. S.).....		1 020
25. Thelma Innis, Clerk (C. S.).....		1 140
(See Creamery.....)		345
26. W. T. Marsh, Retired.....		345
<i>Total, Dairy Husbandry.....</i>		<i>\$ 52 577</i>
Dairy Creamery		
1. P. H. Tracy (See Dairy Husbandry, item 10).....		\$ 2 400
2. Thelma Innis (See Dairy Husbandry, item 24).....		1 140
<i>Total, Dairy Creamery.....</i>		<i>\$ 3 540</i>
Farm Mechanics		
1. E. W. Lehmann, Professor and Chief, Head of Department (C&S).....	A	\$ 5 500
2. R. I. Shawl, Assistant Professor (C), Assistant Chief (S).....	B	3 750
3. W. A. Foster, Assistant Professor of Rural Architecture (C), Assistant Chief (S).....		.....
(See College of Engineering.....)		3 800)
4. A. L. Young, Associate (C&S).....	D	3 000
5. R. H. Reed, Instructor (C), First Assistant (S).....	D	2 400
6. D. A. Albrecht, Instructor (C), First Assistant (S).....	D	2 000
7. E. G. Johnson, Extension Specialist (E).....		.....
(See Smith-Lever.....)	D	2 500)
8. Martha V. Noll, Stenographer (C. S.).....		1 380
<i>Total, Farm Mechanics.....</i>		<i>\$ 18 030</i>
Farm Organization and Management		
1. H. C. M. Case, Associate Professor (C), Associate Chief (S), Head of Department.....	B	\$ 5 250
2. R. R. Hudelson, Associate Professor (E), Associate Chief (S) (See Smith-Lever.....)	B	1 100
(Total Salary.....)		3 150)
3. R. H. Wilcox, Associate Professor (C), Associate Chief (S)	B	4 250
4. M. L. Mosher, Assistant Professor (E).....		.....
(See Smith-Lever.....)	B	2 250)
5. R. C. Ross, Assistant Professor (C), Assistant Chief (S) (See Purnell.....)	D	850
(Total Salary.....)		2 550)
6. P. E. Johnston, Assistant Professor (C&E), Assistant Chief (S).....	D	2 250
(See Smith-Lever.....)		1 150)
(Total Salary.....)		3 400)
7. J. B. Andrews, Associate (S).....		.....
(See Purnell.....)	D	3 700)
8. W. A. Gilbert, Assistant (C&S).....	D	1 900
9. R. G. Trummel, Assistant (S).....	D	1 900
10. G. B. Byers, Assistant (S).....	D	1 700
11. _____, Assistant (C&S).....	D	1 400

¹Paid from funds of International Association of Milk Dealers; not included in total.

		<i>Salary</i>
12.	R. I. Nowell, Assistant (S).....	D 1 700
13.	J. Ackerman, Assistant (E).....	1 600
	(See Smith-Lever.....)	D 1 600)
14.	_____, Assistant (S).....	.....
	(See Purnell.....)	DG ₅₀ 720)
15.	_____, Assistant (S).....	EG ₅₀ 600
16.	_____, Assistant (S).....	EG ₅₀ 600
17.	Alice Oathout, Stenographer and Clerk (C. S.).....	1 440
18.	Catherine Goodman, Clerk (C. S.).....	1 260
19.	_____, Clerk (C. S.).....	1 020
20.	_____, Stenographer (C. S.).....	420
	(See Purnell.....)	600)
	(Total Salary.....)	1 020)
<i>Total, Farm Organization and Management.....</i>		\$ 27 640

Home Economics

1.	Ruth A. Wardall, Professor, Head of Department (C), Vice-Director, Extension Work in Home Economics (E)....	A \$ 4 250
	(See Smith-Lever.....)	750)
	(Total Salary.....)	5 000)
2.	Isabel Bevier, Professor, <i>Emeritus</i> (C).....	2 160
3.	_____, Assistant Professor and Assistant Chief, Nutrition (C&S).....	D 2 500
	(See Purnell.....)	1 000)
	(Total Salary.....)	3 500)
4.	Harriet T. Barto, Assistant Professor, Dietetics (C).....	B 3 250
5.	Eda A. Jacobsen, Assistant Professor, Clothing (C).....	B 3 000
6.	Kathryn V. Burns (Mrs.), State Leader Home Economics Extension (E), Assistant Professor (C).....	D 400
	(See Smith-Lever.....)	3 200)
	(Total Salary.....)	3 600)
7.	E. Evelyn Smith, Assistant Professor, Institutional Management (C).....	B 3 200
8.	Fannie M. Brooks, Assistant Professor, Home Economics Extension (E), Assistant Professor (C).....	D 250
	(See Smith-Lever.....)	2 950)
	(Total Salary.....)	3 200)
9.	Edna E. Walls, Specialist and Assistant Professor, Child Care and Training (E&C).....	D 500
	(See Smith-Lever.....)	2 700)
	(Total Salary.....)	3 200)
10.	_____, Assistant Professor, Home Management (C).....	D 3 000
11.	Virginia H. Weaver, Assistant Professor (C).....	B 3 200
12.	Sybil Woodruff, Assistant Professor and Assistant Chief, Foods (C&S).....	D 2 300
	(See Purnell.....)	1 200)
	(Total Salary.....)	3 500)
13.	Mary C. Whitlock, Associate (C).....	B 2 500
14.	_____, Associate (C).....	D 2 500
15.	Irene M. Barnes, Associate (C).....	D 2 400
16.	Stella C. Munger, Associate (C).....	D 2 400
17.	Margaret L. Plant, Associate (C).....	D 2 200
18.	Clara R. Meyer (Mrs.), Associate and Research Assistant (C&S).....	DG ₅₀ 1 150
	(See Purnell.....)	DG ₅₀ 1 150)
	(Total Salary.....)	2 300)
19.	Anna M. Schreiber, Instructor (C).....	E 2 000
20.	Louise M. Pickens, Instructor (C).....	E 2 000
21.	Lillie M. Johnson, Assistant (C).....	E 1 800

		<i>Salary</i>
22. Mary Bennett, Assistant, Institutional Management (C) ..	E	.....
(See Cafeteria Fund		1 400)
23. Janice M. Smith, Assistant, Nutrition (S) .....		.....
(See Purnell	D	1 400)
24. Florence M. Roy, Laboratory Assistant (C)	EG50	600
25. Lucille Rankin Webber (Mrs.), Laboratory Assistant, Nu- trition (C)	EG50	600
26. Ruth C. Freeman, Home Accounts Specialist .....		.....
(See Home Economics Purnell	D	900)
(See Smith-Lever		1 100)
(Total Salary		2 000)
27. Bessie E. Packard, Secretary (C. S.)		1 800
28. _____, Stenographer (C. S.)		900
29. Mary Ryan (Mrs.), Laboratory Caretaker (C. S.)	G67	600
(Paid from Physical Plant Operation		300)
(Total Salary		900)
<i>Total, Home Economics</i>		\$ 51 460

Home Economics Cafeteria

1. Mary Bennett (See Home Economics, item 22)	\$ 1 400
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Horticulture

1. J. C. Blair, Professor and Chief, Horticulture, Head of De- partment (C&S)	A	\$ 7 500
2. J. W. Lloyd, Professor and Chief, Olericulture (C&S), Chief in Fruit and Vegetable Marketing	A	5 500
3. H. B. Dorner, Professor and Chief, Floriculture (C&S)	A	5 000
4. M. J. Dorsey, Professor and Chief, Pomology (C&S)	B	5 000
5. W. A. Ruth, Professor and Chief, Pomological Physiology (C&S)	B	4 000
6. H. Bartholomew, Professor, Civic Design (C), (Four lectures a month and conferences; Non-resident)	DG	1 400
7. A. S. Colby, Professor, Pomology, and Chief, Small Fruit Culture (C&S)	B	4 000
8. S. H. White, Professor, Landscape Architecture (C)	D	4 500
9. O. G. Schaffer, Professor, Landscape Architecture (C)	D	4 500
10. K. B. Lohmann, Associate Professor, Landscape Archi- tecture (C)	B	4 250
11. H. W. Anderson, Associate Professor and Associate Chief, Pomological Pathology (C&S)	B	3 500
12. R. S. Marsh, Associate Professor, Horticulture Extension (E) (Smith-Lever	B	3 750)
13. S. W. Hall, Associate Professor and Associate Chief, Flori- culture (C&S)	B	3 800
14. W. A. Huelsen, Associate Professor and Associate Chief, Olericulture (C&S)	B	3 750
15. F. F. Weinard, Associate Professor and Associate Chief, Floricultural Physiology (C&S)	B	3 300
16. I. L. Peterson, Assistant Professor, Landscape Architecture (C) (Full time Nov. to Mar.; ¼ time Sept., Oct., Apr. and May)	DG	2 000
17. Florence B. Robinson, Assistant Professor, Landscape Architecture (C)	B	2 500
18. R. B. Mitchell, Associate, City Planning, Landscape Archi- tecture (C)	D	2 400
19. J. Hutchinson, Associate, Floriculture (S)	B	3 000
20. E. P. Lewis, Associate, Olericulture (S) (From Cook County Experiment Station	B	2 800)
21. V. W. Kelley, Associate, Pomology (C&S)	B	2 800

	<i>Salary</i>
22. M. C. Gillis, Associate, Olericulture (2 yrs. from Sept. 1, 1929 or until further notice) (C&S).....	.....
(Paid from Illinois Cannery Association Special Fund.)	F 2 600
23. S. W. Decker, Associate, Floriculture (C&S).....	D 2 400
24. R. L. McMunn, Associate, Pomology (C&S).....	D 2 400
25. H. M. Newell, Associate, Fruit and Vegetable Marketing (S) (Purnell Fund).....	D 2 400
26. H. H. Thornberry, Assistant, Pomology (S).....	D 2 200
27. L. A. Somers, Assistant, Olericulture (S), Assistant, Vegetable Gardening Extension (E).....	D 1 000
(Smith-Lever.....)	1 000
(Total Salary.....)	2 000
28. _____, Assistant, Plant Breeding (S).....	D 1 800
29. L. H. Strubinger, Assistant and First Assistant, Olericulture (C&S).....	D 1 800
30. B. L. Weaver, Assistant and First Assistant, Olericulture (C&S).....	D 2 100
31. _____, Assistant, Plant Breeding (S).....	EG ₅₀ 700
32. W. Michaels, Research Assistant, Olericulture (One year subject to further notice).....	.....
(Salary paid from Illinois Cannery Association Special Fund.....)	F 2 200
33. Louise Mosgrove, Secretary (C. S.).....	1 600
34. _____, Stenographer and Clerk (C. S.).....	1 200
35. Alice Boruff (Mrs.), Stenographer and Recordkeeper (Fed.).....	1 020
36. Pearl Place, Stenographer (C. S.).....	1 020
37. Sophia Immele, Stenographer (C. S.).....	1 200
38. Helen Hamlin (Mrs.), Stenographer and Clerk (C. S.).....	1 380
39. Josephine Smith (Mrs.), Stenographer and Clerk (C. S.).....	1 260
40. _____, Stenographer (C. S.).....	960
<i>Total, Horticulture</i>	\$ 96 740

Cook County Experiment Station

1. E. P. Lewis.....	\$ 2 800
(See Horticulture, item 21)	

Purnell Fund

Administration	
1. G. L. Jordan.....	\$ 1 000
(See Administration, item 3)	
2. Margaret E. Shannon.....	370
(See Administration, item 9)	
3. _____.....	1 200
(See Administration, item 14)	

Administration—Rural Sociology

4. D. E. Lindstrom.....	1 250
(See Administration, item 4)	

Agricultural Economics

A. *Field Research, Summer, 1930*

5. C. L. Stewart.....	555 56
(See Agricultural Economics, item 1)	
6. L. J. Norton.....	583 33
(See Agricultural Economics, item 2)	
7. R. W. Bartlett.....	416 67
(See Agricultural Economics, item 3)	
8. _____.....	400
(See Agricultural Economics, item 4)	

<i>B. School Year Research</i>	<i>Salary</i>
9. _____ (See Agricultural Economics, item 5)	720
10. _____ (See Agricultural Economics, item 6)	720
11. _____ (See Agricultural Economics, item 7)	720
12. _____ (See Agricultural Economics, item 8)	1 200
Agronomy	
13. L. F. Rickey..... (See Agronomy, item 18)	2 800
Animal Husbandry	
14. R. C. Ashby..... (See Animal Husbandry, item 10)	2 125
15. F. E. Elliott..... (See Animal Husbandry, item 24)	2 600
16. F. C. Olson..... (See Animal Husbandry, item 19)	1 100
17. L. C. Thomas..... (See Animal Husbandry, item 34)	.....
18. L. Ethylene Odell..... (See Animal Husbandry, item 40)	.....
19. Elizabeth Jung..... (See Animal Husbandry, item 41)	570
Dairy Husbandry	
20. C. A. Brown..... (See Dairy Husbandry, item 12)	2 888
Farm Organization and Management	
21. R. C. Ross..... (See Farm Organization and Management, item 5)	2 550
22. J. B. Andrews..... (See Farm Organization and Management, item 7)	3 700
23. _____ (See Farm Organization and Management, item 14)	720
24. Madeline Schneiter..... (See Farm Organization and Management, item 20)	600
Home Economics	
25. _____ (See Home Economics, item 3)	1 000
26. _____ (See Home Economics, item 12)	1 200
27. Clara R. Meyer (Mrs.)..... (See Home Economics, item 18)	1 150
28. _____ (See Home Economics, item 23)	1 400
29. Ruth C. Freeman (Mrs.)..... (See Home Economics, item 26) (See Smith-Lever, item 44)	900
Horticulture	
30. H. M. Newell..... (See Horticulture, item 26)	2 400
<i>Total, Purnell Fund</i>	\$ 36 838 56 ¹

¹Unused balance in salary budget items may be transferred to expense and equipment budgets by the Director.

Smith-Lever Extension		Salary
1. H. W. Mumford, Dean, College of Agriculture (C), Director, Agricultural Experiment Station (S) Director, Agricultural Extension Service (E), Pro- fessor of Animal Husbandry (C).....	A	\$ 2 100
(See Agriculture Administration.....)		6 900)
(Total Salary.....)		9 000)
2. W. H. Smith, State Leader Farm Advisers (E), Professor and Chief Animal Husbandry Extension (E&S) . . .	D	5 000
3. J. D. Bilsborrow, Assistant State Leader of Farm Ad- visers with the rank of Assistant Professor (E).....	D	4 500
4. J. C. Spidler, Assistant State Leader of Farm Advisers with the rank of Assistant Professor (E).....	D	4 500
5. _____, Assistant State Leader of Farm Advisers	D	2 500
6. G. L. Jordan, Assistant to Dean and Director (CS&E).	D	1 000
(See Purnell.....)		1 000)
(See Agriculture Administration.....)		900)
(Total Salary.....)		2 900)
7. F. J. Keilholz, Extension Editor (S&E).....	B	3 750
(See Agriculture Administration.....)		250)
(Total Salary.....)		4 000)
8. M. Eileen Shannon, Specialist in Office Organization and Management (S&E).....	D	1 630
(See Purnell.....)		370)
(Total Salary.....)		2 000)
9. D. E. Lindstrom, Assistant in Rural Sociology (Depart- ment of Sociology) assigned to Agriculture Exten- sion Service and Experiment Station (E&S).....	D	1 350
(See Purnell.....)		1 250)
(Total Salary.....)		2 600)
10. E. I. Pilchard, Specialist in Junior Club Work (E).....	D	3 250
11. J. Ross Baird, Assistant in Junior Club Work (E).....	D	2 400
12. Blanche Penrod, Editorial Assistant (E&S).....	D	1 00
(See Agriculture Administration.....)		1 800)
(Total Salary.....)		1 900)
13. J. C. Hackleman, Professor and Chief, Crops Extension (E&S).....	B	4 800
14. F. C. Bauer, Professor, Soils (E) Extension Chief, Soil Experiment Fields (S).....	A	250
(See Agronomy.....)		4 550)
(Total Salary.....)		4 800)
15. C. M. Linsley, Assistant Professor, Soils Extension (E).	B	3 200
16. John Lamb, Jr., Associate, Soils Experiment Fields and Soils Extension (S&E).....	D	450
(See Agronomy.....)		2 050)
(Total Salary.....)		2 500)
17. E. T. Robbins, Associate Professor, Animal Husbandry Extension (E).....	D	4 250
18. R. Graham, Professor and Chief, Animal Pathology and Hygiene (CS&E).....	A	2 000
(See Animal Husbandry.....)		3 500)
(Total Salary.....)		5 500)
19. H. H. Alp, Extension Specialist, Poultry Husbandry (E)	D	3 000
20. C. S. Rhode, Professor, Dairy Husbandry Extension (E) Chief, Dairy Husbandry (S).....	B	4 400
21. J. H. Brock, First Assistant, Dairy Husbandry Extension (E).....	D	2 300
22. R. R. Hudelson, Associate Professor and Associate Chief, Farm Organization and Management (E&S).....	B	3 150
(See Farm Management Department.....)		1 100)
(Total Salary.....)		4 250)
23. M. L. Mosher, Assistant Professor, Farm Organization and Management Extension (E).....	BG50	2 250

		<i>Salary</i>
24. P. E. Johnston, Assistant Professor and Assistant Chief, Farm Organization and Management Extension (CE&S).....	D	1 150
(See Farm Management Dept.).....		2 250)
(Total Salary.....		3 400)
25. J. Ackerman, Assistant, Farm Management Extension (E).....	D	1 600
26. E. G. Johnson, Extension Specialist, Farm Mechanics (E).....	D	2 500
27. R. S. Marsh, Associate Professor, Horticulture Extension (E).....	B	3 750
28. L. A. Somers, Assistant, Olericulture (S) Assistant, Vegetable Gardening Extension (E).....	D	1 000
(See Horticulture.....		1 000)
(Total Salary.....		2 000)
29. _____, Extension Specialist, Agriculture Economy with rank of Assistant Professor (E).....	D	3 400
30. _____, Extension Specialist, Landscape Architecture.....	D	2 800
31. Ruth A. Wardall, Professor and Head of Department (C) Vice-Director Extension Work in Home Economics (E).....	A	750
(See Home Economics.....		4 250)
(Total Salary.....		5 000)
32. Kathryn Van Aken Burns (Mrs.), State Leader, Home Economics Extension (E) Assistant Professor, Home Economics (C).....	B	3 200
(See Home Economics.....		400)
(Total Salary.....		3 600)
33. Mary L. Chase, Assistant State Leader and Associate, Home Economics Extension (E).....	B	3 200
34. Katharine Patterson, Assistant State Leader, Home Economics Extension (E).....	D	2 700
35. Grace B. Armstrong, Assistant Professor, Foods and Nutrition Extension (E).....	B	3 000
36. _____, Extension Specialist, Foods.....	D	2 200
37. Gladys J. Ward, Associate, Home Management (E).....	D	2 800
38. Isabelle M. Hitchcock, Associate, Home Furnishings Extension (E).....	D	2 300
39. Edna R. Gray, Associate, Clothing Extension (E).....	B	2 900
40. Mary A. McKee, Extension Specialist, Junior Club Work (E).....	B	2 900
41. Mildred D. Patterson (Mrs.), Extension Specialist, Junior Club Work (E).....	D	2 000
42. Edna E. Walls, Assistant Professor, Child Care and Training Extension (C&E).....	D	2 700
(See Home Economics.....		500)
(Total Salary.....		3 200)
43. Fannie M. Brooks, Assistant Professor, Home Economics Extension (C&E).....	D	2 950
(See Home Economics.....		250)
(Total Salary.....		3 200)
44. Ruth C. Freeman (Mrs.), Extension Specialist, Home Accounts.....	D	1 100
(See Purnell.....		900)
(Total Salary.....		2 000)
45. Blanche L. Lewis, Office Assistant.....	D	2 000
46. Alonzella Banta, File Clerk.....	D	1 140
47. _____, Stenographer.....	D	1 140
48. _____, Stenographer.....	D	1 080
49. Anna Elizabeth Burns, Stenographer.....	D	1 020
50. Dorine Douthit (Mrs.), Stenographer.....	D	1 020
51. Libbie M. McNeill, Stenographer and Clerk.....	D	1 320
52. Genevieve Farris, Stenographer.....	D	1 020

		<i>Salary</i>
53. _____, Stenographer	DG50	57 ^o
54. _____, Stenographer	DG50	54 ^o
55. County Home Advisers		
24 @ \$1980 a year from Smith-Lever and State Appropriations		\$47 52 ^o
Less State Appropriation ¹		25 00 ^o
<i>Total paid by Smith-Lever</i>		
30 @ \$1980 a year from Smith-Lever, Capper-Ketcham, State Appropriation		59 50 ^o
Less State Appropriation ¹		25 00 ^o
30 @ \$1146.47 from Smith-Lever, Cap- per-Ketcham		34 40 ^o 00
8 @ \$1146.67 from Capper-Ketcham		9 173 36
22 @ \$1146.67 from Smith-Lever		\$25 226 64
56. County Farm Advisers		
58 @ \$720 a year		\$41 76 ^o
37 @ \$420 a year		15 54 ^o 2
Or 95 counties @ \$720 a year from Smith-Lever and U.S.D.A. funds		57 300 ³
<i>Total, Smith-Lever Extension</i>		\$206 406 64 ⁴
Capper-Ketcham Extension		
1. Dorothy E. Lynch, Assistant in Junior Club Work (E)	D	\$ 1 70 ^o
2. _____, Extension Specialist in Marketing (E)	D	4 50 ^o
3. Field Salaries		
a. Home Advisers		
(1) Lulu S. Black, County Home Adviser	D	3 300 ⁵
(2) _____, County Home Adviser .....		.....
(3) Dee Maier, County Home Adviser	D	3 100 ⁶
(4) 6 New County Home Advisers		
30 @ \$1,980 a year		\$59 400 00
Less State Appropriation		25 000 00
30 from S-L & C-K		34 400 00
22 @ \$1146.67 S-Lever		25 226 64
8 @ \$1146.67 Capper-Ketcham		9 173 36 ⁶
b. Junior Club Work		
(1) T. H. Hafer, District Junior Club Leader (E)	D	3 100 ⁵
(2) Martha E. Hensley, District Junior Club Leader (E)	D	3 100 ⁵
(3) G. S. Randall, District Junior Club Leader (E)	D	3 000 ⁵
(4) _____, District Junior Club Leader	D	3 100 ⁵
(5) County Junior Club Leaders		1 800 ⁵
<i>Total, Capper-Ketcham Extension</i>		\$ 35 873 36 ⁴

¹The \$25 000 State Appropriation for the fiscal year July 1, 1930-July 1, 1931, will be paid by the State Department of Agriculture on the salaries of the county home advisers following monthly certification for salary by the Director of Extension.

²The \$11 100 Cooperative Demonstration Fund appropriated by the United States Department of Agriculture will be paid directly to the farm advisers through the Extension Service by the United States Treasury Office as follows:

37 Advisers @ \$300	\$11 100
An additional amount of \$200 is available to cover the cost of penalty envelopes and cards for the farm and home advisers, which are purchased by the United States Department of Agriculture and shipped to Illinois.	\$ 200
Total United States Department of Agr. Fund	\$11 300

³To be increased in June 1931 if any balances are available due to unused salaries accruing from vacancies in the counties. (This does not mean any increase in the salaries of the farm advisers, but an increase in the amount of the advisers' salary paid from federal funds.)

⁴Unused balances in salary budget items may be transferred to expense and equipment budget by the Director.

⁵Salary includes \$700 each for auto expense @ 7c per mile actually travelled.

⁶Part salary.

LIBRARY SCHOOL

		<i>Salary</i>
1. P. L. Windsor, Director of the Library and Library School	D	\$
Professor of Library Science	A	. . . .
(Salary under Library)		
2. Frances Simpson, Associate Professor of Library Economy	A	3 900
Assistant Director	D	. . . .
3. Ethel Bond, Assistant Professor of Library Economy	B	2 900
4. Anne M. Boyd, Assistant Professor of Library Economy	B	2 900
5. Marie M. Hostetter, Associate in Library Economy	B	2 600
6. Margaret A. Gramesly, Instructor in Library Economy	E	2 200
7. Charlotte Newton, Instructor in Library Economy	E	2 100
8. _____, Instructor in Library Economy	E	2 000
9. Anna P. Durand, Instructor in Library Economy	E	2 000
10. Olga E. Skartvedt, Assistant	E	1 500
11. Sara M. Williams, Assistant	EG ₅₀	750
12. A. E. Gropp, Assistant	EG ₅₀	750
13. Evelyn M. Kayser, Assistant	E	1 500
14. Helen Small, Stenographer (C. S.)		1 200
<i>Total, Library School.</i>		\$ 26 300

COLLEGE OF LAW

1. Albert J. Harno, Dean	D	\$ 9 000
Professor	A	. . . .
2. Sveinbjorn Johnson, Professor	A	8 000
Legal Counsel	D	. . . .
3. Frederick Green, Professor	A	8 000
4. O. A. Harker, Professor, <i>Emeritus</i>		3 000
5. O. L. McCaskill, Professor	A	8 000
6. M. I. Schnebly, Professor	A	7 000
7. W. E. Britton, Professor	A	7 000
8. W. L. Summers, Professor	A	6 000
9. G. W. Goble, Professor	A	6 000
10. G. B. Weisiger, Professor	A	5 000
Law Librarian	D	. . . .
11. L. L. Fuller, Professor	A	5 000
12. H. W. Holt, Professor	A	4 500
13. Bertha M. Harper, Assistant to the Dean (Exempt)		2 200
<i>Total, Law.</i>		\$ 78 700

SCHOOL OF MUSIC

1. F. B. Stiven, Director	D	\$ 6 500
Professor	A	. . . .
2. A. A. Harding, Professor	AG ₃₃	2 000
(See Military Bands)	AG ₆₇	4 000)
(Total Salary)		6 000)
3. G. F. Schwartz, Associate Professor	A	4 000
4. H. J. van den Berg, Associate Professor	A	3 750
5. R. H. Miles, Associate Professor	D	3 400
6. W. L. Roosa, Assistant Professor	D	3 000
7. A. Beresford, Assistant Professor	D	3 000
8. F. T. Johnson, Associate	D	2 700
9. Virginia C. Ruffin, Associate	D	2 600
10. Henry MacNeill, Associate	D	2 600
11. Sherman Schoonmaker, Associate	D	2 500
12. R. M. Holmes, Instructor	EG ₅₀	1 300
(See College of Education)		1 300)
(Total Salary)		2 600)
13. R. F. Dvorak, Instructor	EG ₅₀	1 400
(See Military Band)		1 600)
(Total Salary)		3 000)

		<i>Salary</i>
14. Marion Thomas (Mrs.), Instructor.....	E	2 300
15. H. Kessler, Instructor.....	E	2 000
16. Velma I. Kitchell, Instructor.....	E	950
(See College of Education.....)		1 000)
(Total Salary.....)		1 950)
17. _____, Instructor.....	E	1 800
18. L. F. Demming, Instructor.....	E	1 800
19. Stella R. Percival, Instructor.....	EG80	1 400
20. Ethel Phipps (Mrs.), Instructor.....	E	1 700
21. _____, Assistant in Public School Music.....	EG33	600
(See Military Bands.....)	EG25	450)
(Total Salary.....)		1 050)
22. Dorothy G. DeLancy, Instructor.....	E	1 700
23. _____, Assistant.....	EG50	600
24. Betty Y. Freeman (Mrs.), Stenographer and Clerk (C. S.).		1 140
<i>Total, School of Music.....</i>		<u>\$ 54 740</u>

GRADUATE SCHOOL

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Salaries.....	\$ 11 300 00		\$ 11 300 00
Scholarships and Fellowships.....	25 000 00		25 000 00
<i>Expense and Equipment:</i>			
A. Administration.....		\$ 850 00	850 00
B. Publications:			
1. University Studies, Social Sciences, Language and Literature, Biological Monographs, Printing, proof-reading, etc.....		8 000 00	8 000 00
2. Special Monographs.....		2 500 00	2 500 00
3. Journal of English and Germanic Philology.....		3 000 00	3 000 00
4. General Publications, Graduate School bulletin, leaflets, exam. programs, etc.....		1 000 00	1 000 00
C. Research:			
1. Emergency Equipment, assistance, materials, services, incl. special maps, books, etc.....		10 000 00	10 000 00
2. Illinois Historical Survey.....		5 000 00	5 000 00
<i>Total.....</i>	<u>\$ 36 300 00</u>	<u>\$ 30 350 00</u>	<u>\$ 66 650 00</u>

Salaries

1. A. H. Daniels, Dean.....	D	\$ 8 000
Professor of Philosophy.....	A	.....
2. Lida E. Voight, Secretary (Exempt).....	D	2 100
3. _____, Stenographer (C. S.).....		1 200

Total, Graduate School..... \$ 11 300

PHYSICAL WELFARE

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>Physical Education</i>			
Men.....	\$ 34 650 00	\$ 10 000 00	\$ 44 650 00
Women.....	26 300 00	4 350 00	30 650 00
<i>Health Service.....</i>	<u>43 250 00</u>	<u>10 650 00</u>	<u>53 900 00</u>
<i>Total.....</i>	<u>\$104 200 00</u>	<u>\$ 25 000 00</u>	<u>\$129 200 00</u>

Physical Education for Men and Athletic Coaching		<i>Salary</i>
1. G. A. Huff, Director of Physical Welfare	D	\$
Professor	A	
Physical Education		8 000
(Paid by Athletic Association)		2 400)
		(10 400)
2. R. C. Zuppke, Professor	A	
Physical Education		800
Athletic Coaching		1 000
(Total University Salary)		1 800)
(Paid by Athletic Association)		8 200)
		(10 000)
3. C. L. Lundgren, Professor	A	
Physical Education		1 100
Athletic Coaching		300
(Total University Salary)		1 400)
(Paid by Athletic Association)		5 100)
		(6 500)
4. S. C. Staley, Professor	A	
Physical Education		2 500
Athletic Coaching		2 300
(Total University Salary)		4 800)
5. C. R. Griffith, Director of Research in Athletics		
Associate Professor	D	
Athletic Coaching		1 000
(Paid from funds supplied by Athletic Association)		4 250)
		(5 250)
6. G. T. Stafford, Associate Professor	A	
Physical Education		2 400
Athletic Coaching		2 100
(Total University Salary)		4 500)
7. M. M. Olander, Assistant Professor	D	
Athletic Coaching		2 400
(Paid by Athletic Association)		3 350)
		(5 750)
8. H. L. Gill, Associate	D	
Physical Education		300
Athletic Coaching		1 200
(Total University Salary)		1 500)
(Paid by Athletic Association)		5 000)
		(6 500)
9. J. C. Ruby, Associate	D	
Physical Education		300
Athletic Coaching		1 900
(Total University Salary)		2 200)
(Paid by Athletic Association)		2 800)
		(5 000)
10. E. J. Manley, Associate	D	
Athletic Coaching		850
(Paid by Athletic Association)		2 550)
		(3 400)
11. A. F. Smith, Associate	D	
Athletic Coaching		2 000
(Paid by Athletic Association)		750)
		(2 750)
12. C. M. Voyles, Associate	D	
Physical Education		400
Athletic Coaching		1 600
(Total University Salary)		2 000)
(Paid by Athletic Association)		2 000)
		(4 000)

		<i>Salary</i>
13. H. E. Kenney, Associate.....	D	
Physical Education.....		700
(Paid by Athletic Association.....)		2 300)
		(3 000)
14. F. E. Rokusek, Instructor.....	E	
Athletic Coaching.....		1 600
(Paid by Athletic Association.....)		1 800)
		(3 400)
15. A. R. von Lehsten, Instructor.....	E	
Athletic Coaching.....		1 700
(Paid by Athletic Association.....)		1 000)
		(2 700)
16. J. J. Jordan, Instructor.....	E	
Athletic Coaching.....		1 350
(Paid by Athletic Association.....)		1 400)
		(2 750)
17. M. H. Sogolow, Instructor.....	E	
Athletic Coaching.....		1 800
(Paid by Athletic Association.....)		1 200)
		(3 000)
18. C. O. Jackson, Instructor.....	E	
Athletic Coaching.....		1 400
(Total University Salary.....)		1 400)
(Paid by Athletic Association.....)		1 000)
		(2 400)
19. H. D. Price, Instructor.....	E	
Physical Education.....		400
Athletic Coaching.....		900
(Total University Salary.....)		1 300)
(Paid by Athletic Association.....)		1 100)
		(2 400)
20. W. S. Wilson, Instructor.....	E	
Physical Education.....		200
Athletic Coaching.....		1 300
(Total University Salary.....)		1 500)
(Paid by Athletic Association.....)		1 200)
		(2 700)
21. K. C. Gerard, Assistant.....	E	
Physical Education.....		1 900
22. H. C. Paterson, Assistant.....	E	
Physical Education.....		2 000
23. D. M. Bullock, Assistant.....	E	
Athletic Coaching.....		600
(Paid by Athletic Association.....)		2 400)
		(3 000)
24. C. D. Werner, Assistant.....	E	
Athletic Coaching.....		1 450
(Paid by Athletic Association.....)		1 250)
		(2 700)
25. J. P. Sabo, Assistant.....	E	
Athletic Coaching.....		1 300
(Paid by Athletic Association.....)		1 300)
		(2 600)
26. J. L. Picard, Assistant.....	E	
Physical Education.....		1 900
27. G. C. Law, Assistant.....	E	
Physical Education.....		800
Athletic Coaching.....		900
(Total University Salary.....)		1 700)
(Paid by Athletic Association.....)		400)
		(2 100)

		<i>Salary</i>
28. K. J. McCristal, Assistant	E	
Physical Education		1 800
29. H. W. Craig, Assistant	E	
Physical Education		900
(Paid by Athletic Association)		700)
		(1 600)
30. W. J. Treece, Assistant	E	
Physical Education		1 800
31. W. W. Brown, Assistant	E	
Physical Education		700
Athletic Coaching		500
(Total University Salary)		1 200)
(Paid by Athletic Association)		1 300)
		(2 500)
32. _____, Assistant	E	
Physical Education		1 200
Athletic Coaching		1 000
(Total University Salary)		2 200)
33. F. T. Burt, Assistant	E	
Physical Education		1 600
34. O. A. Hankner, Assistant	E	
Physical Education		750
Athletic Coaching		850
(Total University Salary)		1 600)
35. Minnie Giesecke, Assistant in Athletic Research	E	
(Paid from funds supplied by Athletic Association)		1 800)
36. Erna Fritz, Secretary (C. S.)		
Physical Education		400
Athletic Coaching		800
(Total University Salary)		1 200)
(Paid by Athletic Association)		400)
		(1 600)
37. Clara Brown, Stenographer (C. S.)		
Physical Education		1 400
38. Lorene Rhodes, Stenographer (C. S.)		
Physical Education		400
(Paid by Athletic Association)		800)
		(1 200)
Physical Education		34 650
Athletic Coaching		34 100
(Total University)		68 750)
(Paid by Athletic Association)		57 500)
		(126 500)

Physical Education for Women

1. Louise Freer, Director	D	\$ 4 500
Professor	A	. . . . .
2. Mary F. Lawson, Assistant Professor	B	3 000
3. Carita Robertson, Associate	D	2 800
4. Angela Kitzinger, Instructor	E	2 400
5. Ann A. Smith, Instructor	E	2 400
6. Enid Schnauber, Instructor	E	1 700
7. Catherine Richter, Instructor	E	1 900
8. Ione Johnson, Assistant	E	2 200
9. Laura J. Huelster, Assistant	E	2 200
10. Dorothy Stahmer, Assistant	EG50	800
11. Eloise Lukeman, Stenographer (C. S.)		1 200
12. Elizabeth Goodrich, Custodian (C. S.)		1 200

Total, Physical Education for Women \$ 26 300

Health Service (including Hygiene)		<i>Salary</i>
1. J. H. Beard, Professor of Hygiene.....	A	\$ 6 500
University Health Officer.....	D	.....
2. V. A. Ross, Assistant Health Officer, Senior Medical Adviser for Men.....	D	5 000
3. Maude Lee Etheredge, Professor of Hygiene.....	A	4 250
Medical Adviser for Women.....	D	.....
4. J. R. Cain, Assistant Professor of Hygiene, Medical Ad- viser for Men.....	D	3 750
5. Virgil M. Gilchrist Wheeler, Associate in Hygiene, Medical Adviser for Women.....	D	2 750
6. G. R. Blackstone, Associate in Hygiene, Medical Adviser for Men.....	D	3 000
7. H. C. Gebhart, Associate in Hygiene, Medical Adviser for Men.....	D	3 500
8. May Millbrook, Assistant in Hygiene, Medical Adviser for Women.....	D	2 500
9. L. D. Lewis, Instructor in Hygiene, Medical Adviser for Men	D	3 000
10. L. N. Judah, Instructor in Hygiene, Medical Adviser for Men.....	D	3 300
11. Wayne Brandstadt, Instructor in Hygiene, Medical Adviser for Men.....	D	3 000
12. Marjorie M. Smarzo, Assistant in Hygiene, Medical Adviser for Women.....	E	2 700
<i>Total, Health Service.....</i>		<u>\$ 43 250</u>
MILITARY		
1. C. W. Weeks, Professor of Military Science and Tactics....	D	\$ 900 ¹
2. F. A. March, Supply Officer, R. O. T. C.....	D	600 ¹
3. A. Pinsenshaum, Storekeeper, R. O. T. C.....	D	600 ¹
4. N. C. Cochrane, Property Clerk, R. O. T. C.....	D	600 ¹
5. Jennie L. McWilliams (Mrs.), Stenographer (C. S.).....		1 500
6. Frances Lee, Stenographer (C. S.).....		1 020
7. Marie Doyle, Stenographer (C. S.).....		1 080
8. Helen Byland, Stenographer (C. S.).....		960
9. 3 student-assistants to give instruction in Military Science		300
10. 160 student-assistantships for cadet officers (\$25 per semester).....		8 000
<i>Total, Military.....</i>		<u>\$ 15 560</u>
McKINLEY HOSPITAL		
1. Kate N. Putnam, Superintendent of McKinley Hospital... (Part of salary of George Gere, Junior Accountant in Business Office, also charged here).....	D	\$ 2 400 ²
(Salary paid from operating receipts of the Hospital and not included in the budget total).....		100
<i>Total, McKinley Hospital.....</i>		<u>\$ 2 500</u>

¹These men are members of the U. S. Army and receive in addition salary from the U. S. Govern-
ment.

²With maintenance, including living quarters, board and laundry while hospital is in operation.

**CHICAGO GENERAL ADMINISTRATION
AND PHYSICAL PLANT**

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration and General.....	\$14 060 00	\$ 4 790 00	\$ 18 850 00
Physical Plant (Subject to Adjustment within total).....			
Building Operation.....		25 888 00	25 888 00
Building Maintenance.....		27 675 00	27 675 00
Heating and Lighting.....		26 675 00	26 675 00
<i>Total Physical Plant</i>		(80 238 00)	(80 238 00)
Interest on Indebtedness.....		3 081 00	3 081 00
<i>Total</i>	\$14 060 00	\$88 109 00	\$102 169 00

Administration and Physical Plant

1. W. H. Browne, Secretary of College of Medicine and Business Manager of the Chicago Departments (C. S.)..	\$ 2 500
(See College of Medicine.....)	2 500)
(Total Salary.....)	5 000)
2. E. C. Fletcher, Assistant Superintendent of Buildings and Purchasing Agent for the Chicago Departments (C. S.).....	3 500
3. Florence Nelson (Mrs.), Bookkeeper (C. S.).....	1 800
4. Bess Walsh, Cashier and Stenographer (C. S.).....	1 600
5. Miriam Stillman (Mrs.), Chief Clerk (C. S.).....	1 600
6. Marjorie Burke, Clerk and Stenographer (C. S.).....	1 200
7. Marie Walons, Switchboard Operator (C. S.).....	1 140
8. R. Meseck, Retired.....	720
<i>Total, Administration and Physical Plant</i>	\$ 14 060

COLLEGE OF MEDICINE

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 19 147 00	\$ 4 700 00	\$ 23 847 00
Contingent.....		2 600 00	2 600 00
Animal Hospitals.....	5 740 00		5 740 00
Medical and Dental Illustration.....	(9 300 00) ¹	(1 200 00) ¹	(10 500 00) ¹
Anatomy.....	35 350 00	10 525 00	45 875 00
Dermatology.....	9 320 00	1 045 00	10 365 00
Dispensary.....	37 130 00	18 000 00	55 130 00
Hospital Laboratory.....	17 350 00	5 675 00	23 025 00
Laryngology, Rhinology, and Otology Medicine (Subject to adjustment within total)	3 900 00	1 400 00	5 300 00
Internal Medicine.....	26 700 00	4 130 00	30 830 00
Neurology and Psychiatry.....	11 300 00	3 100 00	14 400 00
Pediatrics.....	10 200 00	1 550 00	11 750 00
<i>Total, Medicine</i>	(48 200 00)	(8 780 00)	(56 980 00)
Obstetrics and Gynecology.....	19 100 00	2 400 00	21 500 00
Ophthalmology.....	5 520 00	1 055 00	6 575 00
Pathology and Bacteriology.....	37 840 00	12 200 00	50 040 00
Pharmacology and Therapeutics....	19 720 00	5 400 00	25 120 00
Physiology and Physiological Chem- istry			
Physiology.....	21 000 00	3 430 00	24 430 00
Physiological Chemistry.....	21 340 00	7 000 00	28 340 00
<i>Total, Physiology and Physiologi- cal Chemistry</i>	(42 340 00)	(10 430 00)	(52 770 00)
Radiology.....	14 820 00	8 140 00	22 960 00
Surgery and Orthopedic Surgery			
Surgery.....	28 716 00	8 500 00	37 216 00
Orthopedic Surgery.....	10 600 00	2 875 00	13 475 00
<i>Total, Surgery and Orthopedic Sur- gery</i>	(39 316 00)	(11 375 00)	(50 691 00)
<i>Grand Total</i>	\$354 793 00	\$103 725 00	\$458 518 00

Administration

		<i>Salary</i>
1. D. J. Davis, Dean.....	D	\$ 9 000
Professor of Pathology.....	A	.....
2. A. R. Cooper, Assistant to the Dean and Assistant Professor of Anatomy.....	DG66	1 800
(See Anatomy.....)		1 200)
(Total Salary.....)		3 000)
3. Dorothy Davison, Secretary to the Dean (Exempt).....	D	1 800
4. W. H. Browne, Secretary of the College of Medicine and Business Manager of the Chicago Departments (C. S.)..		2 500
(See Chicago General Adm.....)		2 500)
(Total Salary.....)		5 000)
5. Mabel Arneson, Assistant to the Secretary (C. S.).....		2 100
6. Ethel Engeljohn, Clerk (C. S.).....		1 800
7. E. D. Brothers, Retired.....		147
<i>Total, Administration</i>		\$ 19 147

¹Entire amount chargeable to other accounts in Medicine.

Animal Hospital

Research Laboratory

		<i>Salary</i>
1. Carl Schlegel, Technician.....	DG50	\$ 660 plus tuition, lab. fees and room
2. George Breeding, Animal Keeper (C. S.).....		1 600
3. _____, Animal Keeper (C. S.).....	G50	480
4. W. H. Kaeiser, Technician.....	D	1 500

Medical Building

5. F. Stashak, Animal Keeper (C. S.).....		1 500
<i>Total, Animal Hospital.....</i>		<u>\$ 5 740</u>

Medical and Dental Illustration

1. T. S. Jones, Chief Artist and Associate.....	DG75	\$ 4 000
2. Marion L. Mason, Artist.....	DG50	1 400
3. L. A. Toriello, Photographer.....	D	2 400
4. Nellie M. Frain (Mrs.), Artist in Dental Illustration.....	DG50	1 500
<i>Total, Medical and Dental Illustration.....</i>		<u>\$ 9 300</u>

Anatomy

1. O. F. Kampmeier, Professor and Head of Department....	A	\$ 6 000
2. F. P. Reagan, Associate Professor.....	D	5 250
3. A. A. Zimmermann, Assistant Professor.....	D	3 500
4. A. R. Cooper, Assistant Professor and Assistant to Dean..		1 200
(See Medical Adm.....)		1 800)
(Total Salary.....)	DG66	3 000)
5. G. von Bonin, Associate.....	D	3 000
6. G. Zechel, Associate.....	DG50	1 500
7. Y. Joranson, Associate (8 mos. from Oct. 1, 1930).....	FG25	600
8. R. L. Webb, Instructor.....	D	2 500
9. P. H. Simer, Instructor.....	D	2 500
10. L. Boelio, Instructor.....	DG50	800
11. M. Fisch, Instructor.....	DG50	600
12. E. Stein, Instructor (8 mos. from Oct. 1, 1930).....	FG25	400
13. Adeline R. White, Assistant.....	DG25	550
14. S. Burrows, Assistant (8 mos. from Oct. 1, 1930).....	FG25	225
15. H. J. Pilka, Assistant (8 mos. from Oct. 1, 1930).....	FG25	225
16. E. Madden, Assistant (8 mos. from Oct. 1, 1930).....	FG25	200
17. C. S. Scuderi, Assistant (8 mos. from Oct. 1, 1930).....		200
(See Dermatology.....)		240)
(Total Salary.....)	FG25	440)
18. P. Shapiro, Assistant (8 mos. from Oct. 1, 1930).....	FG25	150
19. J. Jacobson, Assistant (8 mos. from Oct. 1, 1930).....	FG25	150
20. G. Miller, Technician.....	D	1 800
21. A. E. Fork (Mrs.), Technician.....	D	1 500
22. _____, Technician.....	DG75	1 000
23. Katherine Lingensfelder Baird (Mrs.), Typist (C. S.).....		1 500
24. E. Silverstone, Assistant (8 mos. from Oct. 1, 1930).....	FG25	Tuition and lab. fees
25. _____, Assistant (8 mos. from Oct. 1, 1930).....	FG25	Tuition and lab. fees
<i>Total, Anatomy.....</i>		<u>\$ 35 350</u>

Dermatology

1. F. E. Senear, Professor and Head of Department.....	AG50	\$ 5 000
2. M. S. Wien, Assistant Professor.....	DG50	1 500
3. Theodore Cornbleet, Instructor.....	DG75	1 200

		<i>Salary</i>
4. Doris Jennings, Technician.....	DG50	660
5. C. S. Scuderi, Assistant.....	DG20	240
(See Anatomy.....)		200)
(Total Salary.....)		440)
6. Sol Rosenthal, Assistant.....	DG20	240
7. S. Bergen, Assistant.....	DG20	240
8. H. M. Mortimer, Assistant.....	DG20	240
<i>Total, Dermatology.....</i>		\$ 9 320

Dispensary and Drug Room

1. E. S. Moore, Superintendent of Hospital Medical Staff....	DG75	\$	3 900
2. Amy Littig, Anaesthetist.....	D		3 500
3. Helen F. Stocking, Dispensary Clerk (C. S.).....	DG50		700
4. Irene M. Chott, Dispensary Clerk (C. S.).....			1 020
5. Dorothy E. Wagner, Dispensary Clerk (C. S.).....			1 020
6. Marie J. Weseman, Dispensary Clerk (C. S.).....			1 020
7. Clara M. Lowe, Superintendent of Dispensary Nurses (C. S.).....			2 100
8. Frances V. Craig, Assistant Superintendent of Dispensary Nurses (C. S.).....			2 000
9. Teresa J. Robertson, Dispensary Nurse (C. S.).....			1 800
10. Hattie C. Larson, Dispensary Nurse (C. S.).....			1 800
11. Alyce Riley, Dispensary Nurse (C. S.).....			1 800
12. Hazel Koonce, Dispensary Nurse (C. S.).....			1 800
13. Marie Sörenson, Dispensary Nurse (C. S.).....			1 900
14. Hazel M. Nelson, Dispensary Nurse (C. S.).....			1 800
15. Elizabeth B. Andrushes, Dispensary Nurse (C. S.).....			1 800
16. Marguerite J. Glenn, Dispensary Nurse (C. S.).....			1 800
17. B. B. Miller, Orderly and Male Nurse (C. S.) (Also a room)			1 500
18. _____, Dispensary Nurse (C. S.).....			1 800
19. Shirley Brenner, Dispensary Cashier (C. S.).....			1 020
<i>Sub-total, Dispensary.....</i>			(34 080)

Drug Room

1. S. W. Morrison, Pharmacist.....	D		1 750
(See Pharmacy.....)			1 750)
(Total Salary.....)			3 500)
2. Alice E. Fox, Drug Room Clerk (C. S.).....			1 300
3. S. Sknolnik (to act as Pharmacist).....	DG		....
(Salary under Pharmacy)			
<i>Sub-total, Drug Room.....</i>			(3 050)
<i>Total, Dispensary and Drug Room.....</i>			\$ 37 130

Hospital Laboratory

1. S. A. Levinson, Hospital Pathologist and Director, Assistant Professor of Pathology.....	DG75	\$	3 400
2. R. P. MacFate, Hospital Chemist and Instructor in Physiological Chemistry.....	DG80		2 200
3. Margaret E. Milliken, Hospital Serologist.....	D		1 800
4. F. Elizabeth Powell, Bacteriologist.....	D		1 800
5. Hedvig Kleppe, Assistant in Clinical Pathology.....	D		1 700
6. Catherine V. Fisher, Assistant in Clinical Pathology.....	D		1 650
7. Evald Petersen, Technician.....	D		1 650
8. _____, Technician.....	D		1 320
9. Charlotte Karpass, Filing Clerk and Stenographer (C. S.)..	DG50		750
(See Ophthalmology.....)			750)
(Total Salary.....)			1 500)
10. Louis Goldberg, Laboratory Attendant (C. S.).....			1 080
<i>Total, Hospital Laboratory.....</i>			\$ 17 350

Laryngology, Rhinology, and Otolaryngology

		<i>Salary</i>
1. F. L. Lederer, Associate Professor	DG ₅₀	\$ 1 800
2. M. L. Ostrom, Resident (1 yr. from July 1, 1930)	F	600
3. ———, Technician	D	1 500
<i>Total, Laryngology, Rhinology, and Otolaryngology</i>		<u>\$ 3 900</u>

Medicine

Internal Medicine

1. C. S. Williamson, Professor and Head of Department	AG ₅₀	\$ 5 000
2. R. W. Keeton, Professor	AG ₅₀	3 500
3. E. Foley, Assistant Professor	DG ₅₀	1 200
4. H. A. Singer, Assistant Professor	DG ₇₅	1 800
5. A. L. Sawyer, Assistant Professor (1/8 time; 9 mos.)	FG	300
6. A. Vanderkloot, Assistant Professor (1/8 time; 9 mos.)	FG	300
7. J. B. Cipriani, Assistant Professor (1/8 time; 9 mos.)	FG	300
8. D. W. Propst, Assistant Professor (1/8 time; 9 mos.)	FG	300
9. M. H. Streicher, Associate	DG ₇₅	1 800
10. C. L. Birch, Associate	DG ₇₅	1 800
11. Marion Hood, Instructor	D	2 000
12. Philip Blickensdorfer, Instructor	D	2 000
13. H. O. Deuss, Associate (1/8 time; 9 mos.)	FG	300
14. Dorothy Dickson, Assistant	D	1 800
15. ———, Assistant and Senior Resident (1 yr. from July 1, 1930)	F	900
16. Alyce Pollock, Social Service Worker and Stenographer	D	1 600
17. Dorothy Sherman, Operator for Electrocardiograph	D	1 500
18. W. W. Dalitsch, Teaching Medicine in Dental College (1/8 time; 9 mos.)	FG	300
<i>Sub-total, Internal Medicine</i>		<u>(26 700)</u>

Neurology and Psychiatry

1. H. D. Singer, Professor	AG ₅₀	5 000
2. I. B. Diamond, Assistant Professor	DG ₅₀	1 200
3. D. M. Olkon, Assistant Professor	DG ₅₀	1 200
4. F. Storcheim, Resident (1 yr. from July 1, 1930)	F	600
5. ———, Resident (1 yr. from July 1, 1930)	F	600
6. Beatrice Kahn, Technician	D	1 500
7. ———, Stenographer (C. S.)		1 200
<i>Sub-total, Neurology and Psychiatry</i>		<u>(11 300)</u>

Pediatrics

1. H. G. Poncher, Assistant Professor	D	3 500
2. S. L. Berman, Associate	D	2 800
3. Bertha DeMar, Social Worker	D	1 650
4. Esther F. Teeters, Research Assistant	D	1 650
5. N. C. Reglien, Resident (1 yr. from July 1, 1930)	F	600
<i>Sub-total, Pediatrics</i>		<u>(10 200)</u>
<i>Total, Department of Medicine</i>		<u>\$ 48 200</u>

Obstetrics and Gynecology

1. F. H. Falls, Professor and Head of Department	AG ₇₅	\$ 7 500
2. A. F. Lash, Assistant Professor	DG ₅₀	1 400

		<i>Salary</i>
3. Florence W. Hark (Mrs.), Instructor.....	DG ₅₀	1 200
4. H. Maryan, Instructor.....	DG ₅₀	1 000
5. _____, Instructor.....	DG ₂₅	400
6. H. H. Hill, Assistant and Resident (1 yr. from July 1, 1930)	F	1 000
7. Jane R. McLaughlin, Assistant.....	DG ₂₅	400
8. Alfred Kobak, Assistant.....	DG ₂₅	400
9. L. J. Rossiter, Technician.....	DG ₅₀	900
(See Surgery.....)		900)
(Total Salary.....)		1 800)
10. C. H. Lesage, Assistant and Resident (1 yr. from July 1, 1930).....	F	1 000
11. _____, Nurse Supervisor of Out-Patient Department	D	1 500
12. _____, Assistant Out-Patient Nurse.....	D	1 200
13. _____, Stenographer (C. S.).....		1 200
<i>Total, Obstetrics and Gynecology.....</i>		<i>\$ 19 100</i>

Ophthalmology

1. Hallard Beard, Associate Professor.....	DG ₅₀	\$ 1 800
2. M. L. Folk, Associate (6 mos. from March 1, 1931).....	FG ₅₀	750
3. Samuel Wolf, Instructor.....	DG ₅₀	600
4. Edward Horick, Refractionist.....	DG ₅₀	1 020
5. Mahlon Palmer, Resident (1 yr. from July 1, 1930).....	F	600
6. Charlotte Karpas, Technician.....	DG ₅₀	750
(See Hospital Laboratory.....)		750)
(Total Salary.....)		1 500)
<i>Total, Ophthalmology.....</i>		<i>\$ 5 520</i>

Pathology and Bacteriology

1. D. J. Davis, Professor and Head of Department.....	A	\$
Dean.....	D	.....
(Salary under Administration)		
2. W. F. Peterson, Professor.....	A	6 500
3. L. Arnold, Professor.....	A	5 500
4. _____, Associate Professor.....	A	4 500
5. I. Pilot, Associate Professor.....	DG ₅₀	1 600
6. B. Goldberg, Assistant Professor.....	A	(No salary)
7. B. Z. Rappaport, Associate.....	DG ₇₅	(No salary)
8. A. J. Nedzel, Associate.....	D	3 000
9. G. Milles, Instructor.....	D	2 400
10. L. Parmacek, Instructor.....	E	2 000
11. R. J. Kremer, Instructor.....	EG ₅₀	1 000
12. _____, Instructor.....	DG ₅₀	1 200
13. Joe Lepak, Chief Technician.....	D	1 800
14. S. Moore, Technician.....	D	1 500
15. H. Paulsen (Mrs.), Technician.....	D	1 500
16. A. Sruogins, Technician.....	D	1 200
17. _____, Technician.....	D	1 200
18. Marie Gustafson, Technician.....	D	1 320
19. Gertie Strand (Mrs.), Laboratory Helper.....	D	720
20. Mildred Rosenberg, Stenographer (C. S.).....	G ₇₅	900
<i>Total, Pathology and Bacteriology.....</i>		<i>\$ 37 840</i>

Pharmacology and Therapeutics

1. H. A. McGuigan, Professor and Head of Department.....	A	\$ 7 500
2. W. J. R. Camp, Assistant Professor.....	D	4 500
3. P. L. Ewing, Associate.....	D	2 200
4. _____, Instructor.....	D	1 500
5. LaVerne Masterson, Stenographer (C. S.).....		1 500

		<i>Salary</i>
6. _____, Technician.....	D	1 44 ^o
7. R. E. Johnson, Laboratory Helper (C. S.).....		1 08 ^o
<i>Total, Pharmacology and Therapeutics.....</i>		<i>\$ 19 72^o</i>
Physiology and Physiological Chemistry		
Physiology		
1. G. P. Dreyer, Professor and Head of Department.....	A	\$ 5 500
2. M. Oslund, Associate Professor.....	D	4 200
3. C. I. Reed, Assistant Professor.....	D	3 500
4. _____, Instructor.....	D	2 400
5. J. B. Dismukes, Assistant (8 mos. from Oct. 1, 1930).....	FG50	600
6. J. W. Welsh, Assistant (8 mos. from Oct. 1, 1930).....	FG50	600
7. J. W. Thomas, Mechanic and Technician.....	D	1 800
8. R. E. Vessey, Technician.....	D	1 200
9. _____, Technician.....	D	1 200
<i>Sub-total, Physiology.....</i>		<i>(\$21 000)</i>
Physiological Chemistry		
1. W. H. Welker, Professor.....	A	6 500
2. O. Bergeim, Associate Professor.....	A	4 000
3. A. G. Cole, Associate.....	D	3 000
4. A. K. Boor, Instructor.....	D	2 800
5. R. P. MacFate, Instructor and Hospital Chemist..... (Salary under Hospital Laboratory)	DG80	.....
6. Frances Briggs, Assistant.....	DG50	1 200
7. O. R. Burns, Technician.....	D	1 260
8. _____, Laboratory Assistant (C. S.).....	D	1 080
9. Sara Bock, Stenographer (C. S.).....		1 500
<i>Sub-total, Physiological Chemistry.....</i>		<i>(\$21 340)</i>
<i>Total, Physiology and Physiological Chemistry.....</i>		<i>\$ 42 340</i>
Radiology		
1. Adolph Hartung, Professor of Radiology.....	AG50	\$ 4 500
2. Albert Bachem, Professor of Bio-Physics.....	D	4 800
3. _____, Roentgen Operator and Assistant in Radiology.....	D	2 400
4. Margaret Hallinan, Nurse Attendant.....	D	1 800
5. Martha Cunningham, Stenographer (C. S.).....		1 320
<i>Total, Radiology.....</i>		<i>\$ 14 820</i>
Surgery		
1. C. A. Hedblom, Professor and Head of Department.....	AG75	\$ 7 500
2. _____, Assistant Professor of Neurological Surgery.....	DG75	2 500
3. R. D. Herrold, Assistant Professor.....	DG50	2 000
4. O. E. Nadeau, Assistant Professor.....	DG25	600
5. _____, Associate.....	DG75	2 000
6. _____, Associate.....	DG75	2 000
7. _____, Instructor.....	DG75	2 000
8. W. Van Hazel, Instructor.....	DG75	1 800
9. D. Pence, Assistant and Senior Resident.....	D	900
10. C. N. Lambert, First Junior Resident.....	D	900
11. _____, Assistant and Second Junior Resident.....	D	600
12. E. E. Ewert, Instructor.....	DG75	1 500
13. L. J. Rossiter, Surgical Technician.....	DG50	900
(See Obstetrics.....)		900)
(Total Salary.....)		1 800)
14. A. Kneeland, Technician.....	D	1 500
15. C. H. Phifer, Professor.....	A	192

		<i>Salary</i>
16. A. Bamberger, Assistant Professor.....	D	192
17. _____, Assistant Professor.....	D	192
18. Anabel Wheeler, Stenographer (C. S.).....	D	1 440
<i>Sub-Total, Surgery.....</i>		<i>(\$28 716)</i>

Orthopedic Surgery

1. H. B. Thomas, Director and Professor of Orthopedic Surgery.....	AG50	5 000
2. _____, Assistant and Resident in Orthopedic Surgery (1 yr. from July 1, 1930).....	F	900
3. _____, Physio-Therapist Technician.....	D	2 000
4. _____, Physio-Therapist (male).....	DG50	1 200
5. _____, Technician.....	D	1 500
<i>Sub-total, Orthopedic Surgery.....</i>		<i>(\$10 600)</i>
<i>Total, Department of Surgery.....</i>		<i>\$ 39 316</i>

COLLEGE OF DENTISTRY

Summary

	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Administration.....	\$ 10 810 00	\$ 3 100 00	\$ 13 910 00
Illustration.....		2 700 00	2 700 00
Children's Clinic.....	5 200 00	600 00	5 800 00
English.....	1 000 00		1 000 00
Histology.....	6 200 00	1 400 00	7 600 00
Infirmary.....	12 000 00	19 000 00	31 000 00
Materia Medica and Therapeutics... ..	15 200 00	600 00	15 800 00
Operative Dentistry.....	15 600 00	350 00	15 950 00
Oral Surgery.....	15 300 00	1 550 00	16 850 00
Orthodontia.....	10 230 00	800 00	11 030 00
Prosthetic Dentistry.....	24 300 00	1 050 00	25 350 00
Roentgenology.....	3 400 00	1 200 00	4 600 00
Technical Drawing.....	600 00		600 00
<i>Sub-total.....</i>	<i>(119 840 00)</i>	<i>(32 350 00)</i>	<i>(152 190 00)</i>
Revolving Fund Graduate Orthodontia.....		1 600 00	1 600 00
<i>Total.....</i>	<i>\$119 840 00</i>	<i>\$ 33 950 00</i>	<i>\$153 790 00</i>

Administration

1. F. B. Noyes, Dean of the College of Dentistry, Director of Children's Clinic.....	D	\$ 5 000
Professor of Orthodontia.....	AG50	.....
2. Nell Snow Talbot (Mrs.), Assistant to the Dean.....	D	2 750
(See English Department.....)		1 000)
(Total Salary.....)		3 750)
3. Miriam R. Borg, Secretary to the Dean (Exempt).....	D	1 800
4. Mildred Warren, Stenographer (C. S.).....		1 260
<i>Total, Administration.....</i>		<i>\$ 10 810</i>

Children's Clinic

1. F. B. Noyes, Dean of the College of Dentistry, Director of Children's Clinic.....	D	\$
Professor of Orthodontia.....	AG50	.....
(Salary under Administration)		
2. Elsie Gerlach, Superintendent of Children's Clinic, Associate	D	2 700
3. Beulah G. Nelson, Instructor.....	DG50	1 000
4. Mary Helen Kile, Assistant.....	D	1 500
<i>Total, Children's Clinic.....</i>		<i>\$ 5 200</i>

		English	Salary
1.	Nell Snow Talbot (Mrs.), Associate.....	D	\$ 1 000
	(See Dental Administration.....)		2 750)
	(Total Salary.....)		3 750)
Histology			
1.	I. Schour, Assistant Professor.....	D	\$ 4 000
2.	Frances Schwab, Instructor.....	D	2 200
	<i>Total, Histology</i>		\$ 6 200
Infirmary			
1.	V. T. Nylander, Director of Infirmary.....	DG60	\$
	Associate Professor.....	A	.....
	(Salary under Operative Dentistry)		
2.	J. R. Blayney, Associate Director.....	D	.....
	Associate Professor.....	A	.....
	(Salary under Materia Medica and Therapeutics)		
3.	P. G. Lilja, Examiner, Associate.....	DG60	2 500
4.	Alide Y. Shultheis, Clerk (C. S.).....		1 500
5.	Anna Toomey, Clerk (C. S.).....		1 800
6.	Maud Gubbins, Filing Clerk (C. S.).....		1 500
7.	G. Swanson, Technician.....	D	2 700
8.	Carolyn Peterson, Nurse (C. S.).....		2 000
	<i>Total, Infirmary</i>		\$ 12 000
Materia Medica and Therapeutics			
1.	J. R. Blayney, Associate Professor.....	A	\$ 6 000
	Associate Director of Infirmary.....	D	.....
2.	E. C. Wach, Associate.....	DG50	1 500
3.	R. G. Kesel, Associate.....	D	3 000
4.	Anita Ellingson, Instructor.....	D	2 200
5.	M. K. Hine, Instructor.....	DG50	1 000
6.	Evelyn Anderson, Technician.....	D	1 500
	<i>Total, Materia Medica and Therapeutics</i>		\$ 15 200
Operative Dentistry			
1.	D. M. Gallie, Professor (4 hours each week).....	AG	\$ 1 200
2.	V. T. Nylander, Associate Professor.....	A	.....
	Director of Infirmary.....	DG60	4 500
3.	E. J. Krejci, Associate.....	DG50	2 400
4.	T. W. Humble, Associate.....	DG50	1 500
5.	R. K. Baxter, Associate.....	DG33	1 400
6.	C. V. Shoskey, Instructor.....	DG50	1 100
7.	_____, Instructor.....	D	2 000
8.	_____, Nurse (C. S.).....		1 500
	<i>Total, Operative Dentistry</i>		\$ 15 600
Oral Surgery			
1.	F. B. Moorehead, Professor.....	AG50	\$ 5 000
2.	L. Schultz, Professor (4 hours each week).....	AG	1 200
3.	R. L. Ladd, Assistant Professor.....	DG60	3 000
4.	E. Olech, Associate.....	DG25	1 100
5.	Anna Rieke, Instructor.....	D	2 400
6.	H. J. Droba, Instructor.....	DG25	900
7.	Nellie M. Frain, Artist.....	DG50	.....
	(Salary under Medical and Dental Illustration)		
8.	Marie Westgate, Technician.....	D	1 700
	<i>Total, Oral Surgery</i>		\$ 15 300

Orthodontia		<i>Salary</i>
1. F. B. Noyes, Dean of the College of Dentistry, Director of Children's Clinic.....	D	\$
Professor of Orthodontia.....	AG50	.....
(Salary under Administration)		
2. A. G. Brodie, Professor.....	DG50	4 500
3. B. O. Sippy, Associate Professor.....	AG30	2 250
4. Mary Newell, Instructor (3 hours each week).....	DG	480
5. Bess Helen Faust, Assistant.....	D	1 500
6. _____, Technician.....	D	1 500
<i>Total, Orthodontia</i>		\$ 10 230

Prosthetic Dentistry		
1. G. W. Dittmar, Professor (4 hours each week).....	AG	\$ 1 200
2. S. D. Tylman, Associate Professor.....	AG60	4 500
3. J. S. Kellogg, Associate Professor.....	A	5 500
4. W. H. Kubacki, Associate Professor.....	A	4 500
5. G. Kolar, Associate.....	DG50	1 300
6. R. A. Jentsch, Associate.....	DG50	1 300
7. W. B. Downs, Associate.....	DG50	1 300
8. K. F. Knudtson, Associate.....	DG50	1 300
9. M. E. Galvin, Associate.....	DG50	1 300
10. _____, Instructor.....	DG50	1 000
11. L. D. Kaplin, Instructor.....	DG25	550
12. F. N. Bazola, Instructor.....	DG25	550
13. W. Bray, Instructor (7 hours each week).....	DG (No Salary)	
<i>Total, Prosthetic Dentistry</i>		\$ 24 300

Roentgenology		
1. Margaret Dame, Instructor.....	D	\$ 2 200
2. Judith M. Williams, Technician.....	D	1 200
<i>Total, Roentgenology</i>		\$ 3 400

Technical Drawing		
1. C. Kerrick, Instructor (5 hours each week, 1 semester)....	DG	\$ 600

SCHOOL OF PHARMACY

Botany and Materia Medica

1. W. B. Day, Professor.....	A	\$ 7 000
Dean.....	D	.....
2. E. N. Gathercoal, Professor of Pharmacognosy.....	A	5 000
3. Esther Meyer, Instructor in Bacteriology.....	E	2 300
4. P. D. Carpenter, Instructor.....	E	2 300
5. J. A. Dorjahn, Instructor in Pharmacognosy.....	E	2 400
6. J. T. Groot, Lecturer in Physiology (Second semester only) (6 hours of lectures and recitations each week).....	FG	600
7. Margaret Gallagher, Assistant.....	E	1 750
8. Vivian J. Stuchlik, Assistant.....	E	1 350
9. L. B. Eyer, Assistant.....	E	1 500
10. _____, Assistant.....	E	1 200
11. _____, Assistant.....	E	1 200

Chemistry

12. A. H. Clark, Professor.....	A	5 000
13. H. L. Davis, Assistant Professor.....	B	4 000
14. G. L. Webster, Associate.....	D	3 200

		<i>Salary</i>
15. C. W. Clarke, Associate	D	3 300
16. _____, Instructor	E	2 200
17. Rebecca Rosenblum, Assistant	E	1 800
18. E. R. P. Kirch, Assistant	E	1 500
19. P. G. Soderdahl, Assistant	E	1 400
20. Gilbert Mintz, Assistant	E	1 500
21. Marion Kasbeer, Assistant	E	1 400
Pharmacy		
22. C. M. Snow, Professor	A	5 000
23. R. E. Terry, Assistant Professor	D	3 800
24. S. W. Morrison, Associate and Pharmacist in the Research Hospital	D	1 750
(See College of Medicine		1 750)
(Total Salary		3 500)
25. L. E. Martin, Instructor	E	2 700
26. H. M. Emig, Instructor	E	2 600
27. S. Shkolnik, Instructor (To act as pharmacist in the Research Hospital, part time)	D	2 600
28. J. J. Ocenasek, Assistant	E	2 000
29. M. Balin, Assistant	E	1 700
30. R. Reifler, Assistant	E	1 700
31. L. Templeton, Assistant	E	1 700
32. _____, Assistant	E	1 200
33. _____, Assistant	E	1 000
General		
34. A. Burger, Technician	E	1 200
35. K. B. Teague, Technician	E	1 200
36. Mary M. Scanlan, Secretary to the Dean (Exempt)	D	2 100
37. Dorothea M. Wheeler (Mrs.), Clerk and Library Attendant (C. S.)		1 600
38. Tillie Tinsky, Stenographer (C. S.)		1 440
39. Leona M. Frankovich, Stenographer (C. S.)		1 260
<i>Total, School of Pharmacy</i>		<u>\$ 88 450</u>

SELF-SUPPORTING ACTIVITIES

The balances, receipts, and credits of the following self-supporting funds and activities are appropriated for the expense of operation and maintenance of these activities:

	<i>Estimated Expenditures</i>		
	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Woman's Residence Halls	\$5 325 00	\$ 89 675 00	\$ 95 000 00
Davenport House	1 425 00	16 575 00	18 000 00
McKinley Hospital	2 500 00	37 500 00	40 000 00
Tenant Properties ¹		3 000 00	3 000 00
<i>Total</i>	<u>\$9 250 00</u>	<u>\$146 750 00</u>	<u>\$156 000 00</u>

¹Balance lapses into General University Income June 30.

EXPENDABLE TRUST FUNDS

The balances and receipts of the following trust funds are appropriated for the purpose of the respective funds with the provision that the expenditures shall not exceed the receipts and balances of the individual funds:

	<i>Estimated Expenditures</i>		
	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Teaching and Research Funds			
<i>In Liberal Arts and Sciences</i>			
<i>Art and Design</i>			
Lorado Taft Lectureship Fund		\$ 1 200 00	\$ 1 200 00
<i>Chemistry</i>			
Amino Acids Research		750 00	750 00
High Pressure Gas Research (Chemical Foundation)		1 000 00	1 000 00
High Pressure Gas Research (Tennessee Products Association)		1 250 00	1 250 00
High Pressure Gas Research (Rohm and Haas)		1 000 00	1 000 00
Leprosy Treatment	\$750 00		750 00
Sanitary Research		1 000 00	1 000 00
Detonations in Gas Engines		1 200 00	1 200 00
<i>Bacteriology</i>			
Toxins in Canned Meats		860 00	860 00
<i>Botany</i>			
Radiation Effects on Living Organisms ¹			
<hr/>			
<i>Total for Liberal Arts and Sciences Research</i>	<i>(\$750 00)</i>	<i>(\$8 260 00)</i>	<i>(\$9 010 00)</i>
<i>In Agriculture (all Research)</i>			
<i>Agronomy</i>			
Nitrate of Soda Effect on Soil ¹			
Phosphate Rock Fertilizer	\$ 990 00	\$ 510 00	\$ 1 500 00
Potash Effect on Crop Production	1 050 00		1 050 00
<i>Horticulture</i>			
Insecticidal and Fungicidal Effects of Certain Oil of Sulphur Combinations		4 000 00	4 000 00
Sweet Corn Investigation	4 800 00	200 00	5 000 00
Use of Blood Albumen in Spray Materials		500 00	500 00
<i>Dairy Husbandry</i>			
Assistantship in Research	1 000 00	200 00	1 200 00
<hr/>			
<i>Total for Agricultural Research</i>	<i>(\$7 840 00)</i>	<i>(\$5 410 00)</i>	<i>(\$13 250 00)</i>
<i>In Commerce and Business Administration</i>			
<i>Economics</i>			
Public Utilities Economics Research ¹			

¹Balance June 30, 1930, to be expended during 1930-31.

<i>In Engineering (all Research)</i>	<i>Estimated Expenditures</i>		
	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Ceramics			
Boiler Furnace Refractories ¹			
Clay Sewer Pipe.....\$	3 300 00	\$ 2 700 00	\$ 6 000 00
Drying of Clay Wares ¹			
Enameling on Sheet Steel ¹			
Feldspars Investigation ¹			
Ageing of Porcelain.....		6 500 00	6 500 00
Enamel Baked in Gas Fired Furnaces ¹			
Chemical Engineering			
Partial Oxidation Research— Chemical Foundation....	3 800 00	3 700 00	7 500 00
Illinois Gas Association Gradu- ate Assistantship in Re- search.....	1 200 00		1 200 00
Flue Gas Corrosion.....	3 800 00		3 800 00
Water Treatment for Ice Mak- ing.....	4 000 00		4 000 00
Gas Heating Effect on Flues and Piping.....	3 600 00		3 600 00
Solubility of Boiler Waters... Civil Engineering	4 000 00	1 300 00	5 300 00
Biaxial Stresses ¹			
Riveted Connections ¹			
Jointing Materials for Sewer Pipe.....		1 500 00	1 500 00
Reinforced Concrete Arches Investigation.....		6 000 00	6 000 00
Concrete Arches Investigation	600 00	600 00	1 200 00
Concrete Columns Investiga- tion.....		1 000 00	1 000 00
Cylindrical Shells as Columns		1 350 00	1 350 00
High Temperature Fatigue of Metals ¹			
Joints in Wide Plates.....		1 350 00	1 350 00
Tests of Large Rollers ¹			
Electrical Engineering			
Testing High Voltage Cables..	2 200 00	800 00	3 000 00
Mechanical Engineering			
Warm Air Furnace Research..	4 100 00	900 00	5 000 00
Steam and Hot Water Heating Research.....	3 200 00		3 200 00
Illinois Coals—Combustion Research ¹			
Mining Engineering			
Illinois Coals—Washability Tests ¹			
Railway Engineering			
Locomotive Syphon Tests ¹			
Theoretical and Applied Me- chanics			
Cast Iron Pipe Investigation ¹			
Concrete with Light Aggregate Investigation.....	2 100 00		2 100 00
Car Axle Failures.....		3 250 00	3 250 00
Impact in Steel Structures....		4 500 00	4 500 00
Fissures in Steel Rails.....	3 000 00		3 000 00
Stretching of Lead Sheaths ¹			
<i>Total for Engineering Re- search.....</i>	<i>(\$38 900 00)</i>	<i>(\$35 450 00)</i>	<i>(\$74 350 00)</i>

¹Balance June 30, 1930, to be expended during 1930-31.

	<i>Estimated Expenditures</i>		
	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
<i>In Education</i>			
Research in Athletics.....	\$ 6 050 00	\$ 2 550 00	\$ 8 600 00
<i>In Medicine</i>			
Adolph Gehrmann Lectureship in Medicine.....		500 00	500 00
Charles Sumner Bacon Lecture- ship in Medicine.....		170 00	170 00
Theodore B. Sacks Residency... ¹	\$ 2 500 00 ¹		2 500 00
Allergy Research (Robert F. Carr).....		900 00	900 00
Antiseptic Properties of the Skin Effect of Yeast on Digestive Tract ²		1 000 00	1 000 00
Irradiated Ergosterol.....		500 00	500 00
Lactic Acid Milk Research ²			
Milk Toxins ²			
Physiological Action of Light...		275 00	275 00
<i>Total College of Medicine Re- search</i>	(2 500 00)	(3 345 00)	(5 845 00)
Estimated Additional Funds ³	20 900 00	34 100 00	55 000 00
<i>Total Teaching and Research Funds</i>	(\$76 940 00)	(\$89 115 00)	(\$166 055 00)
Buildings and Improvements Funds			
Carr Tree Planting Fund ²			
B'nai B'rith, Independent Order of, Library Fund.....		\$ 50 00	\$ 50 00
Plym Architecture Commons Fund ²			
<i>Total Building and Improvements Funds</i>		(\$50 00)	(\$50 00)
Scholarships, Fellowships, and Prizes Funds			
<i>Scholarships and Fellowships Funds</i>			
Allerton American Traveling Scholarships in Architecture	\$ 800 00 ¹		\$ 800 00
American Pharmaceutical Assoc- iation Scholarships in Phar- maceutical Chemistry ²			
Bauer and Black Fellowship for Research on Problems and Materials in Manufacture of Surgical Supplies.....	750 00 ¹		750 00
Calumet Baking Powder Com- pany Fellowship for Re- search Work on the Physio- logical Effects of Tartrates..	1 000 00 ¹		1 000 00
Charles A. Coffin Foundation Fellowship.....	500 00 ¹		500 00
Dupont Fellowship in Chemistry	750 00 ¹		750 00
Cold Metal Process Company Fellowship in Chemistry...	1 200 00 ¹		1 200 00
E. A. Wallace Memorial Scholar- ship Fund.....	500 00 ¹		500 00

¹Estimated Salaries. No appointments included in budget.²Balance June 30, 1930, to be expended during 1930-31.³Estimated New Funds, Renewals of Current Funds, and June 30, 1930, Balances of Current Funds.

<i>Estimated Expenditures</i>			
	<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Eli Lilly Company Fellowship for Study of Allergy.....	1 800 00 ¹		1 800 00
Frank J. McGovern Fellowship in Study of Woolen Fibers..	1 200 00 ¹		1 200 00
Francis J. Plym Fellowships and Prizes in Architecture.....	2 300 00 ¹		2 300 00
Graduate Scholarships and Fel- lowships in Public Utilities.	5 000 00 ¹		5 000 00
J. T. Baker Chemical Company Fellowship in Analytical Chemistry.....	1 000 00 ¹		1 000 00
John M. and Louisa C. Gregory Scholarship Fund.....	350 00 ¹		350 00
Robert F. Carr Fellowship in Chemistry.....	730 00 ¹		730 00
Robert Laughlin Rea Scholar- ships in the College of Medi- cine.....	250 00 ¹		250 00
<i>Total Scholarships and Fellow- ships Funds.....</i>	<i>(\$18 130 00)</i>		<i>(\$18 130 00)</i>
Prize Funds			
B'nai B'rith, Independent Order of, Prize Fund ²			
English Poetry Prize Fund....		\$ 30 00	\$ 30 00
Ira O. Baker Prize Fund (Civil Engineering).....		142 00	142 00
Thatcher Howland Guild Me- morial Prize Fund for Stu- dents' Poems and One-Act Plays.....		35 00	35 00
Thrift Committee Economics Prize Fund.....		50 00	50 00
William Jennings Bryan Prize Fund for Students' Essays on Government.....		15 00	15 00
<i>Total Prize Funds.....</i>		<i>(\$272 00)</i>	<i>(\$272 00)</i>
Miscellaneous Funds			
Margaret Lange James Student Loan Fund Annuity.....		\$250 00	\$250 00
Miscellaneous Endowments In- come Funds			
William Beaumont Memorial En- dowment for Award for Research in Diseases of the Alimentary Tract.....		100 00	100 00
Jessie Estep Class of 1878 Me- morial Clock Maintenance Endowment.....		20 00	20 00
W. B. McKinley Hospital En- dowment.....		1 500 00	1 500 00
Women Students' Physical Wel- fare Fund from May Fetes.		300 00	300 00

¹Estimated Salaries. No appointments included in budget.²Balance June 30, 1930, to be expended during 1930-31.

<i>Estimated Expenditures</i>		
<i>Salaries</i>	<i>Expense and Equipment</i>	<i>Total</i>
Carter-Pennell Farm Operating Account.....	3 000 00	3 000 00
Other Expendable Funds		
Accountancy Committee (C.P.A. Examinations).....	2 100 00	4 900 00
Alteration of Basic Uniforms....	300 00	300 00
Cooperative Rooming Fund.....	3 000 00	3 000 00
Electrical Metermen's Short Course.....	700 00	700 00
Industrial Gas Engineering Short Course (Illinois Gas Association).....	500 00	500 00
Military Clothing and Equipment.....	800 00	800 00
Military Overcoats.....	2 000 00	2 000 00
Reprinting Gehrman Lectures..	250 00	250 00
<i>Total Miscellaneous Funds....</i>	<i>(2 100 00)</i>	<i>(17 620 00)</i>
<i>Total Expendable Trust Funds</i>	<i>\$ 97 170 00</i>	<i>\$107 057 00</i>
		<i>\$204 227 00</i>

STORES AND SERVICE DEPARTMENTS

The following accounts are revolving accounts to which labor and material is temporarily charged pending the completion of work or delivery of material to departments after which it is charged at cost to the appropriations of the departments receiving the material and service. Some service is also rendered to student and other organizations and billed to them. The balances, receipts and credits of these accounts are appropriated for these purposes:

<i>Storerooms—Balances represented by material on hand.</i>	<i>Estimated Balance July 1</i>	<i>Estimated Total Transactions for Year</i>
Office Supply Stores.....	\$ 26 380 00	\$ 60 000 00
Physical Plant Stores.....	48 524 00	115 000 00
General Chemical Stores.....	32 642 00	60 000 00
Postage Stores.....	505 00	20 000 00
Coal Stores.....	11 555 00	110 000 00
Chicago General Stores.....	2 899 00	8 000 00
<i>Service Departments—Balances represented by work in process and material on hand.</i>		
Physical Plant Job System.....	55 173 00	1 300 000 00
Print Shop.....	6 896 00	100 000 00
Blueprinting and Photography.....	2 634 00 ¹	11 000 00
Stenographic Bureau.....	498 00 ¹	8 000 00
Applied Chemistry Testing.....	1 031 00 ¹	5 500 00
Organic Chemical Manufactures.....	2 889 00 ¹	10 000 00
Chicago Job System.....	288 00	85 000 00
Chicago Animal Hospital.....	77 00	5 000 00
Tabulating Machines Operation.....	5 00	1 000 00
Vending Machines.....	193 00	500 00
Library Science Outlines.....	33 00	200 00
<i>Total (not included in Budget Totals).....</i>	<i>\$178 118 00</i>	<i>\$1 899 200 00</i>

¹Cash balance.

DEPOSIT FUNDS

The following accounts are deposit accounts to which deposits are made by students for the use of certain equipment and facilities and against which refunds are charged when the equipment or facilities have been vacated. The balances and receipts of these accounts are appropriated for this purpose.

	<i>Estimated Total Deposits 1930-31</i>
Band Uniforms.....	\$ 4 000 00
Chicago Student Deposits.....	14 000 00 ¹
Graduate School Thesis Deposits.....	2 000 00 ¹
Key Deposits.....	200 00
Military Department Fund.....	100 00
Military Deposits.....	50 000 00
Towel Fund—Men's.....	2 000 00 ²
Towel Fund—Women's.....	600 00
Military Uniforms.....	14 000 00
<i>Total (Not included in Budget Totals).....</i>	<u>\$86 900 00</u>

SPECIAL NON-RECURRING APPROPRIATIONS

(10) A recommendation that the following non-recurring appropriations be made from the unappropriated balance of general income as of June 30, 1930. These appropriations are not included in the totals of the 1930-31 budget.

Liberal Arts and Sciences, Equipment.....	\$ 5 000 ³
Engineering, Equipment.....	10 000 ³
Agriculture, Equipment.....	5 000 ³
Medicine	
Equipment.....	10 000 ³
Summer work in proteins (Physiological Chemistry).....	500
Dentistry, Equipment.....	1 000 ³
Graduate School, Illinium Research.....	5 000
Music, Equipment.....	3 700 ³
University Press, Equipment.....	1 800
Industrial Agriculture, Research.....	7 000
Art Collection.....	10 000
Archaeological Explorations.....	2 000
Alumni News.....	3 000
Photography, Equipment.....	750
President's Office, Salaries.....	9 000
Military Bands (replacement of instruments).....	4 000
Radio Station, Equipment.....	250
Physical Education Men, Equipment.....	400
President's House, additional.....	50 000
Paving Assessments.....	53 000
Illinois Union	
For rent of rooms in the Union Building for meetings approved by the President, of faculty committees, of organizations authorized by and under the authority of the University, or sponsored by the University; meetings of organizations to which the University is host or of conventions or meetings called by the University, and for the right of prior claims on the use of rooms necessary for such purposes on the part of the University, including auditorium, dance hall, and committee rooms.....	1 000
<i>Total.....</i>	<u>\$182 400</u>

¹Balance lapses into General Funds June 30.

²Balance lapses into General Funds September 1.

³Unencumbered balance lapses April 1, 1931.

On motion of Mrs. Evans, these appropriations were made, by the following vote: Aye, President Barr, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mrs. Grigsby.

EXPENSE AND EQUIPMENT BUDGET

(11) The budget for expense and equipment for the year beginning July 1, 1930. The totals are shown in the summaries preceding the salary budget.

On motion of Mr. Trees, this budget was approved by the following vote: Aye, President Barr, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mrs. Grigsby.

CHANGE IN THE BUDGET

(12) A recommendation that Dr. Harold H. Punke be appointed Instructor in Education at a salary of \$2200, vice Corey at \$1800.

On motion of Mr. Simpson, this appointment was made.

ADDITION TO BUDGET FOR PHYSICAL EXAMINATION OF STUDENTS IN THE CHICAGO DEPARTMENTS

(13) A request from the Deans of the Chicago Departments to establish facilities for the physical examination of new students as is done in our so-called Health Service at Urbana-Champaign. Doctor Beard, University Health Officer, at my request, went to Chicago, conferred with the Deans, examined their proposals, and recommends the adoption of the plan proposed by them. Their plan involves the use of the same standard medical records as are used at Urbana with such slight revisions as local and scholastic conditions require. It involves the examination of approximately five hundred students in two days immediately preceding registration. The Medical Staff will offer a sufficient number of the younger physicians to conduct this examination and laboratory facilities for the ordinary routine urinalyses and tests. The Dental Staff will offer assistance in the examination within their field. All this will necessitate the employment of a medical adviser on part time who will have charge, will coordinate the work, will follow up the students and give perhaps two hours a day for conference with those who are ill or injured but in no case to aid in medical practice with the students.

I recommend that this position of medical adviser in the Chicago Departments be established as part of our Health Service, with the stipend of \$2,000 for one-third time, this being interpreted to mean two to two and one-half hours a day, to be under the immediate authority of the Dean of the College of Medicine.

I recommend further that the sum of \$500 be appropriated for operation and supplies.

On motion of Dr. Noble, these recommendations were adopted, by the following vote: Aye, President Barr, Mrs. Evans, Mr. Fisher, Dr. Noble, Mr. Simpson, Mr. Trees; no, none; absent, Mr. Armstrong, Mr. Blair, Mr. Emmerson, Mrs. Grigsby.

CLINICAL FACULTY OF THE COLLEGE OF MEDICINE

(14) A recommendation from the Dean of the College of Medicine for the following appointments to the non-salaried clinical faculty for the year 1930-31, subject to corrections. I recommend approval.

Department of Medicine

Internal Medicine

MAURICE LEWISON, M.D., *Professor of Physical Diagnosis* (Indef.)

SIDNEY STRAUSS, A.B., M.D., *Professor of Clinical Medicine* (Indef.)

FRANK CHAUVET, M.D., *Associate Professor of Clinical Medicine* (Indef.)

ERNEST SISSON MOORE, Ph.B., M.D., *Associate Professor of Medicine* (Indef.)

JACOB MEYER, B.S., M.S., M.D., *Associate Professor of Medicine* (3 yrs. from Sept. 1, 1929)

ISADORE PILOT, B.S., M.D., *Associate Professor of Medicine* (3 yrs. from Sept. 1, 1929)

- FRANKLIN S. WILSON, Ph.G., M.D., *Assistant Professor of Medicine* (3 yrs. from Sept. 1, 1930)
 SAMUEL PERLSTEIN, M.D., *Assistant Professor of Medicine* (2 yrs. from Sept. 1, 1929)
 ELLIS B. FREILICH, M.D., *Assistant Professor of Medicine* (2 yrs. from Sept. 1, 1929)
 HERMAN PETRUS GUNNAR, B.S., M.D., *Assistant Professor of Medicine* (2 yrs. from Sept. 1, 1929)
 FRANK MAX WITTELLE, B.S., M.D., *Associate in Medicine* (1 yr.)
 ISADORE A. RABENS, B.S., M.S., M.D., *Associate in Medicine* (1 yr.)
 MOSES GOLDWASSER, M.D., *Associate in Medicine* (1 yr.)
 MILTON HENRY KRONENBERG, B.S., M.D., *Associate in Medicine* (1 yr.)
 RICHARD A. LIFVENDAHL, B.S., M.D., *Associate in Medicine* (1 yr.)
 DIETRICH KLEMPNER, M.D., *Instructor in Medicine* (1 yr.)
 OSCAR RICHTER, B.S., M.D., *Instructor in Medicine* (1 yr.)
 HAROLD H. ROSENBLOOM, B.S., M.D., *Instructor in Medicine* (1 yr.)
 WILLIAM CLARENCE DOEPP, B.S., M.D., *Instructor in Medicine* (1 yr.)
 LOUIS FELDMAN, B.S., M.D., *Instructor in Medicine* (1 yr.)
 JACOB FISCHER, B.S., M.D., *Instructor in Medicine* (1 yr.)
 WALTER WILLIAM DALITSCH, B.S., M.D., *Instructor in Medicine* (1 yr.)
 LOUIS BERNARD KARTOON, B.S., M.D., *Instructor in Internal Medicine* (1 yr.)
 TELL NELSON, B.S., M.D., *Instructor in Medicine* (1 yr.)
 MAX T. BOLOTIN, B.S., M.D., *Instructor in Medicine* (1 yr.)
 CURTIS BUFORD BOWMAN, B.S., M.D., *Instructor in Medicine* (1 yr.)
 OSCAR B. RAGINS, B.S., M.D., *Instructor in Medicine* (1 yr.)
 SIDNEY WALLACE RAYMOND, B.S., M.D., *Instructor in Medicine* (1 yr.)
 SAUL S. SOLOWAY, B.S., M.D., *Instructor in Medicine* (1 yr.)
 ISRAEL BECKER, B.S., M.D., *Assistant in Medicine* (1 yr.)
 MAX ELEAGER FISCH, B.S., M.S., M.D., *Assistant in Medicine* (1 yr.)
 HYMEN WILLIAM GOLUB, B.S., M.D., *Assistant in Medicine* (1 yr.)
 EUGENE GROSZ, B.S., M.D., *Assistant in Medicine* (1 yr.)
 JULIUS GURVEY, A.B., B.S., M.D., *Assistant in Medicine* (1 yr.)
 ALEX GEORGE MARSHALL, B.S., M.D., *Assistant in Medicine* (1 yr.)

History of Medicine

- BERNARD CIGRAND, B.S., M.S., D.D.S., *Lecturer* (1 yr.)

Pediatrics

- JULIUS HAYES HESS, M.D., *Professor of Pediatrics* (Indef.)
 HENRY EUGENE IRISH, M.D., *Professor of Pediatrics* (Indef.)
 MAURICE LAMM BLATT, M.D., *Professor of Pediatrics* (Indef.)
 LESTER EDWARD BOWER, A.B., M.D., *Assistant Professor of Pediatrics* (1 yr.)
 JOSEPH K. CALVIN, B.S., M.D., *Assistant Professor of Pediatrics* (2 yrs. from Sept. 1, 1929)
 MAXWELL PHILIP BOROVSKY, B.S., M.D., *Assistant Professor of Pediatrics* (2 yrs. from Sept. 1, 1929)
 PHILIP ROSENBLUM, M.D., *Assistant Professor of Pediatrics* (2 yrs. from Sept. 1, 1929)
 SOLOMON MAXWELL GOLDBERGER, M.D., *Associate in Pediatrics* (1 yr.)
 IRIS MCKY CHAMBERLAIN, M.D., *Associate in Pediatrics* (1 yr.)
 THOMAS PAINE SALTIEL, B.S., M.D., *Associate in Pediatrics* (1 yr.)
 LOUIS SENDER ROBINS, B.S., M.D., *Associate in Pediatrics* (1 yr.)
 GUSTAV F. WEINFELD, M.D., *Associate in Pediatrics* (1 yr.)
 ROBERT LUDWICK FURBY, M.D., *Instructor in Pediatrics* (1 yr.)
 CARL COHEN, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 MAX E. ENGERMAN, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 BENJAMIN MORDECAI LEVIN, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 NORBERT PAUKER, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 BENJAMIN M. GASUL, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 LOUIS JOSEPH HALPERN, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 JOHN ANTHONY SULDANE, M.D., *Instructor in Pediatrics* (1 yr.)
 HARRY LEICHENGER, B.S., M.D., *Instructor in Pediatrics* (1 yr.)
 LEONARD BRONSTEIN, B.S., M.D., *Assistant in Pediatrics* (1 yr.)
 HYMAN N. BROWN, B.S., M.D., *Assistant in Pediatrics* (1 yr.)
 LEONARD MARKIN, M.D., *Assistant in Pediatrics* (1 yr.)
 CLOYD LONG PUGH, B.S., M.D., *Assistant in Pediatrics* (1 yr.)
 CLARA DEBORAH TIGAY, A.B., M.D., *Assistant in Pediatrics* (1 yr.)

Neurology and Psychiatry

- GEORGE BORIS HASSIN, M.D., *Professor of Neurology* (Indef.)
 HAIM I. DAVIS, M.D., *Professor of Clinical Psychiatry* (Indef.)
 ABRAHAM ADOLPH LOW, M.D., *Instructor in Neurology* (1 yr.)
 JACOB PASKIND, M.D., *Assistant in Neurology* (1 yr.)
 ALFRED P. SOLOMON, A.B., M.D., *Assistant in Neurology* (1 yr.)

*Department of Surgery**General Surgery*

- CHARLES EDWARD HUMISTON, M.D., D.Sc., *Professor of Clinical Surgery* (Indef.)
 NELSON MORTIMER PERCY, M.D., *Professor of Clinical Surgery* (Indef.)
 FREDERICK GEORGE DYAS, M.D., *Professor of Clinical Surgery* (Indef.)
 LOUIS SCHULTZ, D.D.S., M.D., *Professor of Oral Surgery, and attending Oral Surgeon to the Research and Educational Hospital* (1 yr.)
 GEORGE DE TARNOWSKY, M.D., *Associate Professor of Surgery* (Indef.)
 GEORGE LUTHER DAVENPORT, M.D., *Assistant Professor of Clinical Surgery* (3 yrs. from Sept. 1, 1928)
 AUGUSTUS GEORGE ZIMMERMAN, LL.B., M.D., *Assistant Professor of Clinical Surgery* (1 yr.)
 SELIM WALKER McARTHUR, Ph.B., M.D., *Assistant Professor of Surgery* (1 yr.)
 ARTHUR RAY METZ, A.B., M.D., *Assistant Professor of Surgery* (1 yr.)
 HAROLD E. JONES, M.D., *Assistant Professor of Surgery* (1 yr.)
 FRANK JOSEPH JIRKA, M.D., *Assistant Professor of Surgery* (1 yr.)
 DENNIS R. W. CRILE, B.S., M.D., *Associate in Surgery* (1 yr.)
 VIRGIL RAY STEPHENS, B.S., M.S., M.D., *Associate in Surgery* (1 yr.)
 HAWTHORNE COLLINS WALLACE, A.B., M.D., *Associate in Surgery* (1 yr.)
 MINAS JOANNIDES, M.D., *Associate in Surgery* (1 yr.)
 RALPH AUGUST KORDENAT, B.S., M.D., *Associate in Surgery* (1 yr.)
 MILTON HENRY KRONENBERG, B.S., M.D., *Associate in Surgery* (1 yr.)
 JACOB MORTON MORA, B.S., M.D., *Associate in Surgery* (1 yr.)
 GUSTAV LEOPOLD ZECHEL, M.D., *Associate in Surgery* (1 yr.)
 ARCHIE JAMES GRAHAM, A.B., M.D., *Instructor in Surgery* (1 yr.)
 HARRY OSCAR WERNICKE, A.B., M.D., *Instructor in Surgery* (1 yr.)
 HENRY REX AMBERSON, A.B., M.D., *Instructor in Surgery* (1 yr.)
 HAROLD IRVING MEYER, A.B., B.S., M.D., *Instructor in Surgery* (1 yr.)
 RUDOLPH J. E. ODEN, A.B., M.D., *Instructor in Surgery* (1 yr.)
 DAVID ARTHUR WILLIS, B.S., M.D., *Instructor in Surgery* (1 yr.)
 EMIL JAMES STEIN, M.D., *Instructor in Surgery* (1 yr.)
 PERCY JOSEPH DELANO, B.S., M.D., *Instructor in Surgery* (1 yr.)
 BENJAMIN BRAUDE, B.S., M.S., M.D., *Assistant in Surgery* (1 yr.)
 ALEX GEORGE MARSHALL, B.S., M.D., *Assistant in Surgery* (1 yr.)
 MORRIS LOUIS PARKER, B.S., M.D., *Assistant in Surgery* (1 yr.)

Genito-Urinary Surgery

- CHARLES MORGAN MCKENNA, B.S., M.D., *Professor of Genito-Urinary Surgery* (Indef.)
 VINCENT JOHN O'CONNOR, B.S., M.D., *Assistant Professor of Genito-Urinary Surgery* (1 yr.)
 EDWIN WALTER HIRSCH, B.S., M.D., *Associate in Genito-Urinary Surgery* (1 yr.)
 JOSEPH WALKON PLATIN, M.D., *Instructor in Genito-Urinary Surgery* (1 yr.)

Orthopedic Surgery

- HENRY BASCOM THOMAS, B.S., M.D., *Professor of Orthopedic Surgery* (Indef.)
 MARCUS HATFIELD HOBART, A.B., M.D., *Assistant Professor of Orthopedic Surgery* (1 yr.)
 FRANK GEORGE MURPHY, B.S., M.D., *Assistant Professor of Orthopedic Surgery* (1 yr.)
 WALTER RATHFON FISCHER, B.S., M.D., *Instructor in Orthopedic Surgery* (1 yr.)
 WILLIAM A. MARSHALL, M.D., *Instructor in Orthopedic Surgery* (1 yr.)
 TIMOTHY FRANCIS MULLEN, B.S., M.D., *Instructor in Orthopedic Surgery* (1 yr.)
 HECTOR MORRISON ROSS, M.D., *Instructor in Orthopedic Surgery* (1 yr.)

Department of Obstetrics and Gynecology

- EGAN WALTER FISCHMANN, M.D., *Associate Professor of Gynecology* (1 yr.)
 JOHN MICHAEL LANG, M.D., *Assistant Professor of Gynecology* (1 yr.)

WALTER CHARLES HAMMOND, M.D., *Assistant Professor of Obstetrics* (1 yr.)
 FRANK LEE STONE, M.D., *Assistant Professor of Gynecology* (1 yr.)
 JULIUS ERNEST LACKNER, B.S., M.D., *Assistant Professor of Obstetrics* (1 yr.)
 CHARLES NEWBERGER, B.S., M.D., *Associate in Obstetrics* (1 yr.)
 GOLDBYE HOFFMAN, M.D., *Associate in Gynecology* (1 yr.)
 MAURICE J. ROSE, B.S., M.D., *Instructor in Obstetrics* (1 yr.)
 JAMES EDWARD FITZGERALD, B.S., M.D., *Instructor in Obstetrics* (1 yr.)
 LEON WADE MARTIN, M.D., *Instructor in Obstetrics* (1 yr.)
 ALFONS R. BACON, B.S., M.D., *Instructor in Obstetrics* (1 yr.)
 MARY RUTH MCGUIRE, M.D., *Instructor in Obstetrics* (1 yr.)
 JAMES HUBERT SKILES, A.B., M.D., *Instructor in Obstetrics* (1 yr.)
 JOHN AMBROSE CLARK BUSBY, B.S., M.S., M.D., *Instructor in Obstetrics* (1 yr.)
 MAT BLOOMFIELD, B.S., M.D., *Instructor in Obstetrics* (1 yr.)
 SOL LITT, B.S., M.D., *Instructor in Obstetrics* (1 yr.)
 LEON PHILIP BELOUS, M.D., *Assistant in Obstetrics and Gynecology* (1 yr.)
 CECIL DAVID BROWN, B.S., M.D., *Assistant in Obstetrics* (1 yr.)
 HERMAN ALFRED JACOBSON, B.S., M.D., *Assistant in Obstetrics* (1 yr.)
 ALFRED JULIAN KOBAK, B.S., M.D., *Assistant in Obstetrics* (1 yr.)
 HARRY HART STEPHENS, B.S., M.D., *Assistant in Obstetrics* (1 yr.)
 MILTON JOSEPH SUMMERVILLE, A.B., M.D., *Assistant in Obstetrics and Gynecology*
 (1 yr.)
 HENNING MELVILLE SWENSON, B.S., M.D., *Assistant in Obstetrics* (1 yr.)

Department of Dermatology

LEONARD F. WEBER, M.D., *Associate in Dermatology* (1 yr.)
 MARCUS RAYNER CARO, B.S., M.D., *Instructor in Dermatology* (1 yr.)
 HENRY R. KRASNOW, M.D., *Instructor in Dermatology* (1 yr.)
 HERBERT RATNER, M.D., *Instructor in Dermatology* (1 yr.)
 CLIFFORD EARLE STECKBAUER, B.S., M.D., *Assistant in Dermatology* (1 yr.)
 MINNIE O. PERLSTEIN, B.S., M.D., *Assistant in Dermatology* (1 yr.)

Department of Laryngology, Rhinology, and Otolaryngology

NORVAL HARVEY PIERCE, M.D., *Professor of Laryngology, Rhinology, and Otolaryngology and
 Head of the Department* (Indef.)
 JOSEPH CLAR BECK, M.D., *Associate Professor of Laryngology, Rhinology, and Otolaryngology*
 (Indef.)
 JACQUES HOLINGER, M.D., *Assistant Professor of Laryngology, Rhinology, and Otolaryngology*
 (1 yr.)
 WALTER HENRY THEOBALD, B.S., M.D., *Associate in Laryngology, Rhinology, and
 Otolaryngology* (1 yr.)
 GEORGE S. LIVINGSTON, B.S., M.S., M.D., *Associate in Laryngology, Rhinology, and
 Otolaryngology* (1 yr.)
 JOHN JOSEPH THEOBALD, B.S., M.D., *Associate in Laryngology, Rhinology, and
 Otolaryngology* (1 yr.)
 ERNEST A. BREDLAU, M.D., *Associate in Laryngology, Rhinology, and Otolaryngology* (1 yr.)
 NATHAN SCHNECK, A.B., A.M., M.D., *Instructor in Laryngology, Rhinology, and
 Otolaryngology* (1 yr.)
 SHERMAN L. SHAPIRO, B.S., M.D., *Instructor in Laryngology, Rhinology, and Otolaryngology*
 (1 yr.)
 IRWIN G. SPIESMAN, B.S., M.D., *Instructor in Laryngology, Rhinology, and Otolaryngology*
 (1 yr.)
 PHILIP ALLEN HALPER, B.S., M.D., *Instructor in Laryngology, Rhinology, and Otolaryngology*
 (1 yr.)
 ARTHUR J. COOMBS, A.B., M.D., *Assistant in Laryngology, Rhinology, and Otolaryngology*
 (1 yr.)
 FRANK T. COOTE, M.D., *Assistant in Laryngology, Rhinology, and Otolaryngology* (1 yr.)
 MELVIN REESE GUTTMAN, B.S., M.D., *Assistant in Laryngology, Rhinology, and
 Otolaryngology* (1 yr.)
 JOHN W. HARNED, B.S., M.D., *Assistant in Laryngology, Rhinology, and Otolaryngology* (1 yr.)
 OLIVER EDMOND VANALYEA, M.D., *Assistant in Laryngology, Rhinology, and Otolaryngology*
 (1 yr.)

*Department of Ophthalmology*HIRAM JASON SMITH, M.D., *Associate in Ophthalmology* (1 yr.)HYMAN COHEN, M.D., *Associate in Ophthalmology* (1 yr.)CARL APFLE, B.S., M.D., *Assistant in Ophthalmology* (1 yr.)

On motion of Mrs. Evans, these appointments were authorized.

THE ATHLETIC ASSOCIATION BUDGET

(15) The Board of Directors of the Athletic Association submits its budget for the year 1930-31. I recommend that it be referred to the Finance committee for consideration and report.

On motion of Mr. Simpson, this recommendation was adopted.

OPTION FOR BUSWELL PROCESS DECLINED

At this point, Mr. Barr presented a letter from Mr. F. N. Bard.

June 9, 1930

Mr. Geo. A. Barr, President, Board of Trustees, University of Illinois

DEAR SIR:

In connection with the option extended to me by your Board for the development and use of the Buswell Sewage Disposal, I wish to advise that I have failed to take up the option and although no reply has been received to my letter requesting an extension of the option, I wish to withdraw this request also.

My associates and I consider that this process is an excellent one and has substantial possibilities. These possibilities, however, are considerably in the future and we do not feel that we are justified in undertaking the development of the process under the conditions specified and with the information at hand. Our reasons in part, are as follows:

1. There are a number of processes by which the farmer can secure gas for lighting purposes, which are cheaper than the Buswell system apparently is and easier to handle. They do not afford the advantages of the Buswell system but it would take a long time to educate the farmer into doing the work involved in the Buswell system.

2. The production of gas on a large scale is apparently assured but it is a question whether the process will compete with natural gas and the methods being introduced to produce gas from oil well products and by-products.

3. The value of the fiber after the cellulose has been digested cannot be ascertained even approximately. The two possible uses for this material are in fiber board and paper stock and a careful investigation of these two materials indicates that there is a large over-production at the present time and it would only be possible to dispose of this product if the price were far below that of competing materials.

As the raw materials referred to above become more scarce, or the consumption of our population more nearly approaches the available supply of material, the Buswell process will come into its own. In the meantime, it is not considered advisable to try and carry along under continued expense for a number of years in the face of the competitive conditions enumerated.

Thanking you and your associates for the courtesies already extended, we are,

Very truly yours,

F. N. BARD

On motion of Mr. Fisher, Mr. Bard's letter was received and made a matter of record.

REASSIGNMENT OF APPLICATION FOR PATENT OF CELLULOSE DIGESTION TO PROFESSOR A. M. BUSWELL AND C. S. BORUFF

(16) In view of the recent letter of Mr. Bard, addressed to President Barr, withdrawing from his agreement to develop the Buswell process for cellulose digestion, Professor Buswell requests that the application for a patent be reassigned to him and his associate in this project, Mr. C. S. Boruff.

It will be remembered that this research was carried on by State Water Survey Funds and that Professor Buswell and Mr. Boruff assigned their application for a patent to the University in the general interest. It is obvious that it will be a long

time before the process can be developed commercially. For that reason, together with the attitude of Mr. Bard's associates, it seems desirable to reassign this patent.

Mr. Buswell was introduced, and made a statement on this matter.

On motion of Mr. Fisher, the following resolution was adopted.

RESOLVED, that permission be given A. M. Buswell to apply at his own expense and for his own benefit, for patents in foreign countries (other than Canada) on his cellulose digestion process covered by U. S. Letters Patent, Serial No. 386,080;

FURTHER RESOLVED, that the matter of releasing to Mr. Buswell the United States and Canadian rights in his invention be referred to the Committee on Patents, with the request that the Committee report at the next meeting.

REVISED CURRICULUM IN ARCHITECTURE

(17) A recommendation from the Council of Administration, acting for the University Senate, that the curriculum in architecture outlined in detail below be adopted.

The proposed reorganization of the work provides for three options. For those who have the aesthetic or creative ability, the design option is planned; for those of a practical mind, the construction option is offered; and for those who want to engage in the general practice of architecture the option in general architecture is offered. The three options offer the same degree, Bachelor of Science in Architecture, on the completion of the work.

I recommend that this curriculum be approved and that it be put into effect as far as possible in September, 1930.

**CURRICULUM IN ARCHITECTURE
DESIGN OPTION**

FIRST YEAR

(Common to All Options)

<i>First Semester</i>		<i>Second Semester</i>	
Arch. 7, Architectural Projects.....	2	Arch. 8, Architectural Projects.....	2
Arch. 31a, Architectural Design.....	3	Arch. 32a, Architectural Design.....	3
Arch. 21, Freehand Drawing.....	2	Arch. 22, Freehand Drawing.....	2
Math. 2, Advanced Algebra.....	3	Math. 6a, Analytics.....	4
Math. 4, Trigonometry.....	2	Rhet. 2, Rhetoric and Themes.....	3
Rhet. 1, Rhetoric and Themes.....	3	Phys. Ed.....	½
Phys. Ed.....	½	Hyg. 3, Hygiene.....	½
Hyg. 1, Hygiene.....	½	Mil. _____, Military Drill.....	½
Mil. _____, Military Drill.....	½	Mil. _____, Military Theory.....	½
Mil. _____, Military Theory.....	½	Engineering Lecture.....	0
Engineering Lecture.....	0		
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	17		16

SECOND YEAR

(Common with General Option)

Arch. 13, History of Architecture.....	2	Arch. 14, History of Architecture.....	2
Arch. 23, Freehand Drawing.....	2	Arch. 24, Freehand Drawing.....	2
Arch. 33, Architectural Design.....	3	Arch. 34, Architectural Design.....	3
Arch. 43, Technology of Materials.....	3	Arch. 44, Technology of Materials.....	3
Phys. 1a, Physics Lecture.....	3	Phys. 1b, Physics Lecture.....	2
Phys. 3a, Physics Laboratory.....	2	Phys. 3b, Physics Laboratory.....	2
T. and A. M., Elements of Mechanics.....	3	T. and A. M., Strength of Materials.....	3
Phys. Ed.....	½	Phys. Ed.....	½
Mil. _____, Military Drill.....	½	Mil. _____, Military Drill.....	½
Mil. _____, Military Theory.....	½	Mil. _____, Military Theory.....	½
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	19½		18½

THIRD YEAR
(Common with General Option)

Arch. 15, History of Architecture.....	2	Arch. 16, History of Architecture.....	2
Arch. 25, Freehand Drawing.....	2	Arch. 26, Freehand Drawing.....	2
Arch. 35, Architectural Design.....	5	Arch. 36, Architectural Design.....	5
Arch. 45, Graphic Statics.....	3	Arch. 46, Graphic Statics.....	3
Arch. 65, Theory of Architecture.....	1	Arch. 55, Building Sanitation.....	1
E. E. 90, Theory of Illumination.....	1	Arch. 66, Theory of Architecture.....	1
French or German.....	4	French or German.....	4
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	18		18

FOURTH YEAR

Arch. 17, History of Architecture.....	2	Arch. 18, History of Architecture.....	2
Arch. 27, Freehand Drawing.....	2	Arch. 28, Freehand Drawing.....	2
Arch. 29, Modeling.....	2	Arch. 30, Modeling.....	2
Arch. 372, Architectural Design and Theory	9	Arch. 38a, Architectural Design and Theory	9
Arch. 69, Specifications.....	2	Arch. 6c, Concrete.....	2
Arch. 99, Inspection Trip.....	0		
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	17		17

CURRICULUM IN ARCHITECTURE
GENERAL OPTION

FIRST YEAR
(Common to All Options)

<i>First Semester</i>		<i>Second Semester</i>	
Arch. 7, Architectural Projects.....	2	Arch. 8, Architectural Projects.....	2
Arch. 31a, Architectural Design.....	3	Arch. 32a, Architectural Design.....	3
Arch. 21, Freehand Drawing.....	2	Arch. 22, Freehand Drawing.....	2
Math. 2, Advanced Algebra.....	3	Math. 6a, Analytics.....	4
Math. 4, Trigonometry.....	2	Rhet. 2, Rhetoric and Themes.....	3
Rhet. 1, Rhetoric and Themes.....	3	Phys. Ed.....	½
Phys. Ed.....	½	Hyg. 3, Hygiene.....	½
Hyg. 1, Hygiene.....	½	Mil. _____, Military Drill.....	½
Mil. _____, Military Drill.....	½	Mil. _____, Military Theory.....	½
Mil. _____, Military Theory.....	½	Engineering Lecture.....	0
Engineering Lecture.....	0		
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	17		16

SECOND YEAR
(Common with Design Option)

Arch. 13, History of Architecture.....	2	Arch. 14, History of Architecture.....	2
Arch. 23, Freehand Drawing.....	2	Arch. 24, Freehand Drawing.....	2
Arch. 33, Architectural Design.....	3	Arch. 34, Architectural Design.....	3
Arch. 43, Technology of Materials.....	3	Arch. 44, Technology of Materials.....	3
Phys. 1a, Physics Lecture.....	2	Phys. 1b, Physics Lecture.....	2
Phys. 3a, Physics Laboratory.....	2	Phys. 3b, Physics Laboratory.....	2
T. and A. M., Elements of Mechanics.....	3	T. and A. M., Strength of Materials.....	3
Phys. Ed.....	½	Phys. Ed.....	½
Mil. _____, Military Drill.....	½	Mil. _____, Military Drill.....	½
Mil. _____, Military Theory.....	½	Mil. _____, Military Theory.....	½
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	19½		18½

THIRD YEAR
(Common with Design Option)

Arch. 15, History of Architecture.....	2	Arch. 16, History of Architecture.....	2
Arch. 25, Freehand Drawing.....	2	Arch. 26, Freehand Drawing.....	2
Arch. 35, Architectural Design.....	5	Arch. 36, Architectural Design.....	5
Arch. 45, Graphic Statics.....	3	Arch. 46, Graphic Statics.....	3
Arch. 65, Theory of Architecture.....	1	Arch. 55, Building Sanitation.....	1
E. E. 90, Theory of Illumination.....	1	Arch. 66, Theory of Architecture.....	1
French or German.....	4	French or German.....	4
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	18		18

FOURTH YEAR

Arch. 17, History of Architecture.....	2	Arch. 18, History of Architecture.....	2
Arch. 27, Freehand Drawing.....	2	Arch. 28, Freehand Drawing.....	2
Arch. 41, Building Design and Theory.....	6	Arch. 42, Building Design and Theory.....	6
Arch. 68, Specifications.....	3	Arch. 6c, Concrete.....	2
Arch. 99, Inspection Trip.....	0	Arch. 83, Office Practice.....	2
M. E. 25, Heating and Ventilating.....	2	N. T. E.....	3
N. T. E.....	2		
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	17		17

**CURRICULUM IN ARCHITECTURE
CONSTRUCTION OPTION**

FIRST YEAR

(Common to All Options)

<i>First Semester</i>	<i>Second Semester</i>
Arch. 7, Architectural Projects..... 2	Arch. 8, Architectural Projects..... 2
Arch. 31a, Architectural Design..... 3	Arch. 32a, Architectural Design..... 3
Arch. 21, Freehand Drawing..... 2	Arch. 22, Freehand Drawing..... 2
Math. 2, Advanced Algebra..... 3	Math. 6a, Analytics..... 4
Math. 4, Trigonometry..... 2	Rhet. 2, Rhetoric and Themes..... 3
Rhet. 1, Rhetoric and Themes..... 3	Phys. Ed..... ½
Phys. Ed..... ½	Hyg. 3, Hygiene..... ½
Hyg. 1, Hygiene..... ½	Mil. _____, Military Drill..... ½
Mil. _____, Mil. Drill..... ½	Mil. _____, Military Theory..... ½
Mil. _____, Military Theory..... ½	Engineering Lecture..... 0
Engineering Lecture..... 0	
17	16

SECOND YEAR

Arch. 13, History of Architecture..... 2	Arch. 14, History of Architecture..... 2
Arch. 23, Freehand Drawing..... 2	Arch. 24, Freehand Drawing..... 2
Arch. 33, Architectural Design..... 3	Arch. 34, Architectural Design..... 3
Phys. 7, Physics Lecture..... 3	Phys. 8, Physics Lecture..... 2
Phys. 7a, Physics Laboratory..... 2	Phys. 8b, Physics Laboratory..... 2
Math. 7, Differential Calculus..... 5	T. and A. M. 20..... 3
Phys. Ed..... ½	Math. 9, Integral Calculus..... 3
Mil. _____, Military Drill..... ½	Phys. Ed..... ½
Mil. _____, Military Theory..... ½	Mil. _____, Military Drill..... ½
	Mil. _____, Military Theory..... ½
18½	18½

THIRD YEAR

Arch. 15, History of Architecture..... 2	Arch. 16, History of Architecture..... 2
Arch. 43, Technology of Materials..... 3	Arch. 44, Technology of Materials..... 3
Arch. 45, Graphic Statics..... 3	Arch. 46, Graphic Statics..... 3
T. and A. M. 25..... 4	T. and A. M. 26..... 4
N. T. E..... 2	N. T. E..... 2
French or German..... 4	French or German..... 4
18	18

FOURTH YEAR

Arch. 47, Steel Construction..... 5	Arch. 48, Steel Construction..... 5
Arch. 57, Concrete..... 3	Arch. 58, Concrete..... 3
Arch. 99, Inspection Trip..... 0	Arch. 56, Building Sanitation..... 2
E. E. 92, Lighting and Wiring..... 2	Arch. 83, Office Practice..... 2
M. E. 23, Mechanical Equipment of Buildings..... 5	Arch. 68, Specifications..... 3
Approved Elective..... 2	Technical Elective..... 3
17	18

On Motion of Mr. Trees, this curriculum was approved.

**CHANGES IN CURRICULA IN CHEMISTRY AND
CHEMICAL ENGINEERING**

(18) A recommendation from the Council of Administration, acting for the University Senate, that the curricula in chemistry and chemical engineering be modified by the substitution of four semester hours of elective work for the second semester's work in chemical technology (Chemistry 60b, four hours).

I recommend approval.

On motion of Mr. Simpson, this recommendation was approved.

RESIGNATION OF PROFESSOR L. C. DILLENBACK

(19) Professor L. C. Dillenberg of the Department of Architecture has submitted his resignation, to become effective September 1, 1930.

I recommend that this resignation be accepted.

On motion of Mr. Trees, this resignation was accepted.

RELEASE OF DR. ROYAL E. MONTGOMERY

(20) A recommendation that Dr. Royal E. Montgomery, who was appointed Assistant Professor of Economics for one year beginning September 1, 1930, (Minutes,

May 9, 1930, page 580), be released from his contract in order that he may accept another position.

On motion of Mrs. Evans, this release was granted.

SICK LEAVE FOR MISS JESSIE BEADLES

(21) Miss Jessie Beadles, Assistant in Animal Nutrition, has been incapacitated by a street car accident since May 6 and the Dean of the College of Agriculture reports that her convalescence may require as much as three months. He recommends that because of her long and faithful service to the University, covering a period of approximately thirteen years, she be given sick leave with full pay from May 6 to July 6.

I recommend approval with the additional recommendation that Miss Beadles be given leave without pay from July 6 to September 1, 1930, or until such date as she is able to return to her duties during the present academic year.

On motion of Mr. Fisher, this leave was granted.

EXTENSION OF VACATION FOR MISS BESSIE PACKARD

(22) A recommendation from the Head of the Department of Home Economics and the Dean of the College of Agriculture that in recognition of her long and faithful service extending over eighteen years Miss Bessie Packard, Secretary of the Department of Home Economics, be given two weeks' vacation with pay in addition to her regular month's vacation. I concur.

On motion of Mrs. Evans, this extension was granted.

**UNUSUALLY HAZARDOUS EMPLOYMENT OF H. M. NEWELL AND
L. H. STRUBINGER**

(23) A request from the Dean of the College of Agriculture that H. M. Newell and L. H. Strubinger in the Department of Horticulture be authorized to engage in certain studies of fruit-handling and marketing which will involve riding on freight cars, being about railroad yards, and at times riding inside of refrigerator cars for short distances; and that specific recognition be given to the unusually hazardous character of the work. These studies are conducted throughout the summer and early fall.

I recommend that this work be recognized as unusually hazardous but necessary to the studies carried on by the University and that Messrs. Newell and Strubinger be authorized to engage in it.

On motion of Mr. Simpson, this recommendation was approved.

PURCHASE OF BOOK PAPER FOR PRINT SHOP

(24) A request from the Comptroller for authority to purchase a carload of book paper for use in the Print Shop, viz: Keystone English Finish at \$6.00 per 100 pounds, and Montrose English Finish at \$6.75 per 100 pounds, the total cost to be \$2,900, f.o.b. Urbana, from the Moser Paper Company of Chicago. A similar purchase was approved by the Board on March 11, 1930 (Minutes, page 543) based on the low price of various quotations secured at that time. The same price is available at present and a further supply of this stock is needed. The cost will be charged to the budget allotments for printing of the various departments for whose bulletins and other publications this paper will be used.

I recommend approval.

On motion of Dr. Noble, this purchase was authorized.

**CANCELLATION OF CONTRACT WITH CROP PROTECTION
INSTITUTE**

(25) A recommendation from the Dean of the College of Agriculture and the Head of the Department of Horticulture that the agreement with the Crop Protection Institute for a cooperative investigation of the use of certain oil-sulphur combinations as insecticides and fungicides, approved May 9, 1930 (Minutes, page 584), be canceled because of the financial embarrassment of the Company which was to furnish the funds for this work.

I recommend that the contract be canceled.

On motion of Mr. Simpson, this contract was canceled.

REBATES ON SPECIAL ASSESSMENTS

(26) Reports have been made previously of rebates received from the City of Champaign on special assessments for public improvement projects. The Comptroller reports that these rebates have now been paid in full and submits the following final statement of the amounts received and also a report of those improvements on which there were no rebates:

*STATEMENT OF IMPROVEMENT REBATES FROM CITY OF CHAMPAIGN
AS AT MAY 16, 1930*

	<i>Cash Receipt Voucher Number</i>	<i>Date</i>	<i>Amount</i>
Fourth Street Pavement (In Full).....	173	November 16, 1929	\$1 459 17
Armory Avenue Pavement (Wright to Fourth Streets)			
Orchard Place Lots (In Full).....	173	November 16, 1929	178 19
University Campus on South side (In Full).....	173	November 16, 1929	616 73
Stadium Drive (First Street to Illinois Central Railroad) (In Full).....	388	March 19, 1929	2 308 56
First Street (Armory Avenue to Corpora- tion Line).....		No Rebate	
Gregory Drive (North Drive).....		No Rebate	
Oak Street, Locust Street, and Armory Avenue West of First Street.....		No Rebate	
South Sixth Street.....		No Rebate	
South Drive, First and Fourth Streets south of Corporation Line.....		{Athletic Association and University Project	
Scott Sanitary Sewer			
First Payment.....	249	January 7, 1930	136 92
Final Payment.....	437	May 1, 1930	643 81
<i>Total Rebates to May 16, 1930.....</i>			<u>\$5 343 38</u>

This report was received for record.

GIFTS TO THE UNIVERSITY

(27) The following report of gifts received by the University:

1. From the National Research Council the sum of \$900 in support of research work by Professor J. T. Buchholz of the Department of Botany on the "Effects of Radium Treatment on Pollen Tube Growth." This is a renewal of a similar grant made last year.
2. From the Yale University Press copy of certain works by the press in the fields of government and international relations, for the University Library.

This report was received for record.

BRONZE TABLET MEMORIAL TO MISS MARION E. SPARKS

(28) A report from the Head of the Department of Chemistry that some of the alumni wish to purchase a bronze tablet to be installed in the Chemistry Building as a memorial to Miss Marion E. Sparks who was Librarian in the Department for many years and who died in 1929. I have authorized the Department to go ahead with their plans for this memorial.

On motion of Mr. Simpson, this action was approved and confirmed.

THEFT OF PISTOL FROM THE MUSEUM IN THE ARMORY

(29) A report from the Supervising Architect and the Commandant that on May 16, 1930, a person or persons unknown forced the wire barrier enclosing the equipment on display in the Military Museum in the Armory and removed an Army, 45 caliber, automatic pistol, and one pistol clip, valued at \$24.39. This occurred at a time when

an unusual number of persons passed through the Museum due to the presence here of a number of out-of-town visitors for the Interscholastic activities.

This report was received for record.

APPOINTMENTS TO THE E. A. WALLACE SCHOLARSHIP

(30) A report from the Secretary of the Board of Education of District No. 61 at Havana, Illinois, that pursuant to the provisions of the bequest of the late Mrs. Gertrude Hawies in establishing the E. A. Wallace Memorial Scholarship said Board has nominated Dale Huff and Wayne Craggs of Havana as beneficiaries of this scholarship.

This report was received for record.

BOILER HOUSE ADDITION

(31) The following letter from the Supervising Architect:

June 18, 1930

Boiler House Addition

President David Kinley, 355 Administration (W)

DEAR PRESIDENT KINLEY:

After various studies for the increasing of the capacity of our boiler house, we have finally come to the conclusion that the most economical one is to raise our present boilers about five feet so as to be able to put in forced draft grates with economizers and induced draft fans for handling the gases.

By raising and re-equipping the eight boilers which we have and building an additional stack, we will increase the capacity of the plant by 4,000 horse-power. With the money available we can change over four of the boilers and build the stack and probably raise the roof over the entire area so that hereafter the other four boilers can be raised as needed.

This plan was submitted to Mr. Abbott before he left for Europe and I received a letter from him under date of May 21, from which I quote the following paragraph:

"I fully concur in your proposition to equip some of the boilers of the proposed plant with forced draft. This will very materially increase your steaming capacity and will make your loafing boilers work according to modern standards. There is some doubt in my mind as to your ability to retain the present grates, as the grates should be divided into zonal forced-draft areas in which different draft pressures are carried. Also, we have our boilers supplied with a plenum box, which gives auxiliary air above the fire, creating a turbulence which effectively eliminates all smoke and quite noticeably improves the efficiency."

This job is one which, as far as the labor is concerned, we will do very largely ourselves and will contract for stokers, fans, breeching, economizers, and the new stack.

I desire approval of this general scheme and authority to proceed with the work, subject to the awarding of the contracts necessary to carry out the part of the work which we will not do on force account.

The amount available for this work is about \$160,000.

Yours very truly,

JAMES M. WHITE
Supervising Architect

I recommend approval.

On motion of Dr. Noble, this recommendation was adopted.

INVESTMENT OF WALLACE SCHOLARSHIP FUND

Mr. Fisher, for the Finance Committee, presented the following recommendation:

June 19, 1930

To the Board of Trustees:

The Finance Committee recommends the purchase of the following described farm mortgage as an investment of the Wallace Scholarship Fund, \$5491.67, and other uninvested trust funds: First 5% Mortgage \$7000 on 80 acres in Hensley Township, Champaign County, Illinois, owned by Simon Kaiser, due September 1, 1931.

MERLE J. TREES, *Chairman*
WALTER T. FISHER
F. H. SIMPSON

On motion of Mr. Trees, this recommendation was adopted.

At this point, Mr. Trees withdrew, and, the absence of a quorum having been noted, the Board adjourned.

H. E. CUNNINGHAM
Secretary

GEORGE A. BARR
President

EXECUTIVE COMMITTEE MEETING, JUNE 19, 1930

A meeting of the Executive Committee of the Board of Trustees of the University of Illinois was held at the Blackstone Hotel, in Chicago, on Thursday, June 19, 1930, immediately following the adjournment of the meeting of the Board on the same day. Mr. George A. Barr, Chairman, and Mrs. Laura B. Evans, member of the Committee, were present; also, Mr. Walter T. Fisher, Dr. William L. Noble, and Mr. Frank H. Simpson, members of the Board, and Dr. David Kinley, Professor Lloyd Morey, and Professor J. M. White were present.

MATTERS PRESENTED BY PRESIDENT KINLEY

The Executive Committee considered the following matters presented by the President of the University.

STUDIES ON MEDICAL AND DENTAL COLLEGE LABORATORIES BUILDING

(1) A recommendation from Professor J. M. White that Granger & Bollenbacher be authorized to make architectural studies of the second unit of the Medical and Dental College Laboratories Building, the expense, not to exceed \$10,000, to be charged to the appropriation for the first unit.

On motion of Mrs. Evans, these studies were authorized, by the following vote: Aye, Mr. Barr, Mrs. Evans.

RESEARCH IN POLITICAL SCIENCE

(2) A recommendation that \$500 be appropriated from the Reserve and Contingent Fund for 1930-31 for research in Political Science.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Barr, Mrs. Evans.

BALANCE REAPPROPRIATED

(3) A recommendation that the balance of the appropriation (approximately \$1500) for the use of the Committee on the selection of a President, be reappropriated.

On motion of Mrs. Evans, this appropriation was made, by the following vote: Aye, Mr. Barr, Mrs. Evans.

PLANS FOR CATTLE FEEDING PLANT

(4) The plans for the proposed Cattle Feeding Plant.

On motion of Mrs. Evans, these plans were approved, and the Supervising Architect was authorized to take bids on the construction of the plant.

TIME OF JULY MEETING

On motion of Mrs. Evans, it was voted to set the date for the July meeting of the Board as July 23, 1930, in Urbana.

DEGREES CONFERRED IN JUNE, 1930

The Secretary of the Board presented for record the following list of degrees and commissions, conferred and awarded at Commencement in June, 1930.

SUMMARY OF DEGREES, JUNE, 1930

<i>Degrees in the Graduate School</i>		
A.M.	91	
M.S.	86	
C.E.	2	
E.E.	2	
M.E.	2	
Ph.D.	46	
<i>Total</i>	229	
<i>Baccalaureate Degrees</i>		
A.B.	408	
B.S. in Liberal Arts and Sciences	66	
B.S. in Commerce	217	
B.S. in Engineering	258	
B.S. in Agriculture	99	
B.Mus.	11	
B.S. in Library Science	124	
B.S. in Education	297	
B.S. in Journalism	28	
<i>Total</i>	1508	
<i>Degrees in Law</i>		
LL.B.	57	
J.D.	3	
<i>Total</i>	60	
<i>Total, Colleges and Schools at Urbana</i>		1797
<i>Degrees in Medicine</i>		
B.S.	85	
Certificate in Medicine	116 ¹	
<i>Total</i>	85	
<i>Degrees in Dentistry</i>		
B.S.	5	
D.D.S.	28	
<i>Total</i>	33	
<i>Degrees in Pharmacy</i>		
Ph.C.	122	
Certificate in Pharmacy	6 ¹	
<i>Total</i>	122	
<i>Total, Departments in Chicago</i>		240
<i>Total, All Departments, June</i>		2037
<i>Total in February</i>		223
TOTAL, ALL DEPARTMENTS, 1930, TO DATE		2260

¹Showing the completion of four years' work—not counted as degrees.

COLLEGE OF LIBERAL ARTS AND SCIENCES

Degree of Bachelor of Arts

In Liberal Arts and Sciences

- RUTH ANNE ABRAHAMSON, with High Honors in French
 JACK JOSEPH ADELMAN
 CHRISTINE CORNELIA ABLINGER
 FRED EDWARD ALBRIGHT
 EDITH LORAIN ALLEN
 DOROTHY ADELAIDE ALTRINGER, with Honors in Zoology
 WALTER CAREY ALWARD, JR.
 FLORENCE EUGENIA ANDERSON
 ROBERT STANHOPE ANDREWS
 BERNARD AUMAN APP, with Honors in Entomology
 ROSSLYN ERNEST ARMBRUSTER
 HAROLD JAMES ASHLOCK
 ALBERTA AVIS AULD
 ROBERT THORNTON BABCOCK
 WALTER EDWIN BACON, JR.
 MARGARET REBECCA BAER
 MARGRETTA BAIRSTOW
 MARIAN HENRIETTA BAKER
 ELIZABETH FRANCES BALDWIN
 EDWARD URIUS BANKER
 PAUL ROYDEN BARNES
 CHARLES COLWELL BARTLETT
 ELLA VON BAUER
 MARY ELIZABETH BAYMAN
 BEATRICE CECILE BEDARD, with High Honors in French
 ROBERT NEWELL BERRY
 JULIA TALBOT BIRD, with Honors in English
 KENNETH EDWARD BISSHOPP, with Honors in Mathematics
 HELEN LOIS BLACK, with Honors in Zoology
 GEORGE CURTIS BLACKER
 KENNETH CHARLES BLOOD
 HENRY HARLAN BLOOMER, with Honors in English
 INEZ ELIZABETH BOARDMAN
 GRAEME STEWART BOND
 JOHN HENRY BONTJES
 JOSEPH MILTON BOSENBURY, JR.
 HAZEL LOUISE BOWMAN
 WILLIAM FRANK BRADLEY
 DOROTHY ANN BRATTON
 DOROTHY VIRGINIA BRISTOW
 SARAH MAUDE BROOK
 BEATRICE M BROWN
 DONALD MEEKER BROWN, with Honors in Mathematics
 KATHRYN ELIZABETH BROWNE
 GORDON DAVIDSON BRYAN
 LOUIS FLORETH BUNTE
 KENNETH LELAND BURROUGHS
 KATHRYN ALICE BURROWS, with Honors in History
 CLARK JOEL BUSWELL
 JOHN TURNER CALDWELL, JR.
 RUTH VIRGINIA CALDWELL
 JOHN OLIN CAMPBELL, JR.
 CELESTE EMMA CANTRELL
 LALLY MARGARET CARR
 ANDREW JAMES CASNER
 ELIZABETH RUTH CATHERWOOD, with Honors in Chemistry
 MORDECAI BERNARD CHAMBERLAIN
 BLANCHE LOUISE CHRISTENSON
 MARY ELIZABETH CHRISTIE
 FREEMAN SYLVESTER CHURCH
 RUTH JULIA CLINE
 JAMES ARTHUR COBLE
 ELBERT BOWMAN COLLINS
 ROBERT FORREST COLWELL
 PHYLLIS RUTH COOK
 GEORGE ANNE COTTINGHAM
 JOHN PAUL CRANDALL
 ANNE HARRISON CRATHORNE
 WILLIAM HENRY CROOK
 MAURICE HARTLEY CROSBIE
 HARRY EDWARD CRULL, with High Honors in Mathematics
 VIRGINIA GRAHAM CULBERTSON
 PAUL FRANKLIN CUNDY
 GLADYS MARGARET CURRIE
 VERA BERTHA DAILY
 WESA ELOISE DALE, with Honors in Latin
 DANIEL DALZIEL
 JULES DASHOW
 DOREAN ELIZA DAVIS
 KENT GARDENIR DAVIS
 LUTHER DEARBORN, with Honors in Economics
 ADELE ELSIE DETHMANN
 SUSAN DEUEL, with Honors in English
 KARL CHRISTIAN DOD, with Honors in History
 ELIZABETH ANN DOMS
 WALTER JOHN DOOLEN
 WINIFRED LENORA DOUGLASS
 MARGARET AILEEN DURIN
 MARY ANNA EADS, with Honors in History
 GEORGIA ANN EASLEY
 JORDAN STEWART EATON
 MILDRED LILLIAN EDDINGTON
 META DOROTHEA EILERS
 ALICE L ENTWHISTLE
 JOHN WALLACE EVANS
 KYLE MARSHALL FAGIN
 LUCILLE EVELYN FELLIS

- CHAUNCEY EDGAR FINCH, with High Honors in Latin
 LEONARD VICTOR FINDER
 SERENE FINK
 LUCILE VERONICA FINNEGAN
 JOHN PIERRE FIXMER
 DOROTHY VIVIAN FOOTITT, with Honors in Chemistry
 RAY MELFORD FOREMAN, with Honors in Public Speaking
 MARGIE ELIZABETH FRANCIS
 ROGER KENNETH FRANDSEN
 ROBERT BENJAMIN FRANK
 STANLEY SANFORD FRANKEL
 OSCAR LAWRENCE FREDRIKSEN
 HERBERT BERNARD FRIED
 BERNARD SAMUEL FRIEDMAN, with Honors in Chemistry
 ERNA FRITZ, with Honors in German
 ERHARD WILLIAM FUCHS, with Honors in Zoology
 WILLARD WILSON FULLERTON
 IRENE MARGARET FULTON
 SEVERO GALINATO GALINATO
 SYLVIA RUTH GANANSKY, with Honors in Zoology
 MILDRED EMMA GEHLBACH
 MARIAN GIBSON
 ANGELA GIOCONDA
 HELEN LILLIAN GLEASON
 VIRGINIA EDITH GLEIM
 MARTIN GLOVER
 WILLIAM ELWOOD GOBBLE, with Honors in Political Science
 RUTH ADELINE GODDING
 EVA ANNA GOFF
 RAYMOND LIPMAN GOLDSTEIN
 MARY ELIZABETH GOODELL
 MARGARET HELEN GOODMAN
 MARGARET MARY GRAHAM
 FRANCIS RALPH GRANT, with High Honors in Botany
 EDWARD RAY GRIESHEIMER
 DOROTHY MARION GRIGGS
 RONALD NELSON GSELL
 MARGARET ELIZABETH GUILD
 RAE GUNTER
 JOSEPHINE FREDERICK GUNTHER
 W MAURICE HADAWAY
 ADOLPH WERNER HAGSTROM
 DAN HALL HALE
 HARRIET HALLOWELL
 RICHARD GERHARDY HANDSCHU
 MARGARET CECELIA HARLAN
 SUZANNA HARRY
 ALBERDINE HATCHER
 GERTRUDE ELIZABETH HAYES
 EDWARD WILLIAM HAZLETON
 HELEN LAVERNE HEFFNER, with Honors in Psychology
 WILLIS WARNER HELFRICH
 MARY ELIZABETH HENDERSON
 MARY LOUISE HENEERY
 ETHEL MAY HENWOOD
 LEE MALCOLM HESTER, with Honors in Economics
 MARGARET LUCILLE HICKS
 RACHEL H HILL
 EDWARD CHARLES HOELSCHER, JR.
 SARA LOUISE HOLLISTER
 LEONA HAZEL HOPPENRATH
 FRANCES SUSAN HOWARD
 GEORGE MARMADUKE HOY
 JACKSON NOYES HUDDLESTON
 MARGARET LAVINIA HUDSON
 CATHERINE NOYES HUGHES
 MALINDA RICHOLENE HUGHES
 WILLIAM BUEL HUIE, with Honors in Public Speaking
 ROBERT CASE HUMPHREY
 HELEN ROSETTA HUNSINGER
 BETTY DELIA HUNTOON
 HERBERT WALROTH HURD
 MARGUERITE VALENTINE INGRAM
 CELIA MARIE IRICK
 NORMAN LEONARD JACKLIN
 ANNA LOUISE JACKMAN, with Honors in English
 WILLIAM FRANCIS JACOBS
 ARCHIBALD STEPHENS JAMES
 ALICE MABEL JOHNSON, with Honors in French
 CARLETON WARE JOHNSON
 DOROTHY MARIE JOHNSON
 VIVIAN NAOMI JOHNSON
 ISABEL FRISBY JOHNSTON
 WALTER JOLLEY, with Honors in History
 TRUMAN JONES
 WINIFRED ELLEN JONES, with Honors in French
 ETHEL KATHERINE KAESBIER
 PHILIP HENRY KAMMANN
 BEATRICE KANE
 THYRA PHYLLIS KANTOR
 SADIE KAPLAN
 ADELYN EMMA KAST
 DANIEL JOSEPH KEATING, JR.
 GEORGE FRED KELLING
 CLAIRE LOUISE KELLY
 ARLENE JOSEPHINE KEMPTON, with Honors in English
 EDITH RACHEL KENNEDY
 THOMAS KENNEDY
 BLANCHE LEBARON KERR
 MARGARET KERTES
 JOHN RAYMOND KIEDING
 THOMAS HAROLD KILEY
 HARRY STEPHEN KILLIAN
 MARY KATHRYN KIMBALL, with Honors in Spanish
 ANNA BEATRICE KOSTKA
 WILLIAM JOHN KRENCEWICZ
 ELMA CLARA KRUMSIEG

ALICE VIRGINIA LANDHY
 J FRANK LANSING, with High Honors in Philosophy
 ELIZABETH LANTIN
 FRED DAVID LARSEN
 KNUD ANTHON LARSEN III
 KATY LORENE LAWSON
 ALBERTA FENN LEWIS
 EVA NATALIE LIND
 JULIA ANN LIPOW, with Honors in English
 MARGUERITE LOUISE LIPSCOMB
 DOROTHY ELIZABETH LIVESEY
 PARK CHESTERFIELD LIVINGSTON
 WILLIAM TINDER LODGE
 GEORGE STANLEY LOGAN
 LYLE WAYNE LOOMIS
 CHARLOTTE EMERSON LOVE
 VIRGINIA STUART LOWE, with Honors in Botany
 GEORGE FRANCIS LOWES
 JAMES HAROLD LOWRY
 MADELINE WINIFRED LUTYENS
 JEANETT DEE LUTZ
 GERTRUDE ELIZABETH LYTLE
 CLYDE TRUMAN MCCORMICK
 JOSEPHINE BAKER MCCORMICK, with Honors in History
 GEORGINE BELLE McDONALD, with Honors in English
 HARRIET MAUDE McELROY
 JAMES LESLIE McELROY
 FREDERICK HOTCHKISS MCKELVEY
 GERTRUDE ROSE McMAHON
 MARY ALICE MACMILLAN
 THOMAS HARVEY McMILLAN
 JOSEPHINE KINDALL MACDONALD
 GLADYS BERYL MARK
 ISABEL THOMPSON MARSH
 PAUL AMOS MARSHALL
 ELIZABETH CLAIRE MARTINDALE
 MILDRED EVA MARX
 WILLIAM HOWARD MAXANT, with Honors in Economics
 WILLIAM KEEPERS MAXWELL, Jr., with High Honors in English
 BERNARD JOSEPH MAYER
 HELEN VALETTE MAYES
 HENRY WEBER MEERS, with Honors in Political Science
 VALENTINE CHARLOTTE MELVILLE
 BARBARA LEONA MENGES
 SYLVIA ELIZABETH MESTEK, with Honors in English
 HERMAN KARL MIETHE
 DOROTHY GERTRUDE MILLER
 EDENA MILLER
 FRANCIS HOWARD MILLER
 LEOTA MAEBRA MILLER
 GLADYS VIRGINIA MOBERLY
 DICIE ANN MOORE, with Honors in Spanish

THYRA MAURINE MOORE
 FRED HERBERT MORRIS
 JOHN D MORSE
 BERNARD EDGAR MOSER
 WILLIAM AUGUST MUELLER
 ARTHUR CLARENCE MUNS
 HARRIET JUNE MYERS, with Honors in English
 JOHN HARLAN MYERS
 STANLEY CHARLES MYERS
 PAUL MONTGOMERY NORMAN
 JAMES FRANK NORMAND
 MARY LOU NORRIS
 RENÉ OEHLER
 VIRGINIA MAE OLIVE
 MARGARET HELEN OSBORNE
 MARGARET HELEN OTIS
 GLORIA JUSTINE PALMER, with Honors in History
 RICHARD MILO PALMER
 ANDREW REID PARK, JR.
 JOE MARION PARKER, with Honors in Zoology
 GRACE ESTHER PARKHILL
 JESSIE FAYE PARTLOW
 VIRGINIA MILDRED PATTERSON
 JOHN COLLINS PAYNE
 LOUIS JOHN MIKE PERROTTET
 SIGNE WALBORG PETERSON
 WILLIAM BALSER PETTY
 GEORGE PLAIN, JR.
 DOROTHY LOUISE PLANTE
 DALLAS EUGENE PORTER
 RUTH ALENE POSEY
 HELEN ALYCE POSNICK
 BETTY ALICE POST
 EDITH CATHERINE POWELL
 RUTH KATHRYN PRETTY
 ANN ELIZABETH PUTNAM
 LUCILE ELIZABETH RAPP
 WILLIAM CLARENCE RAY
 HELEN REED
 MILDRED FREDA REINBOTH
 MAY ELIZABETH RICHARDS, with Honors in Mathematics
 MARY CATHERINE RICHARDSON
 MARY ELIZABETH ROBERTS
 EVELYN JANKOWSKI ROMER
 LEOPOLDO ROSALES
 THERESA ROSENWASSER
 FREDERICK WARNER RUTHERFORD
 EUNICE VIOLA SALISBURY
 HELEN LOUISE SAWYER
 STANLEY GILBERT SCHOENBROD
 BERTHA JOSEPHINE SCHOFIELD
 JOSEPH G SCHOOLMAN
 ARTHUR CHARLES SCHREIBER
 FREDERICK ROY SCHROEDER
 MARGARET LOUISE SCHROEDER
 CHARLES WILLIAM SEDGWICK
 MARIE FRANCES SEEBER
 EVERETT EMIL SEEDORF

JAY STEWARD SEELEY
 MILDA ALMENE SHALLENE
 JANICE PEARL SHAPIRO
 EMMA JANE SHEPHERD
 JOSEPHINE FLORENCE SHOGREN
 MAURICE BENJAMIN SILBERMAN
 JOHN JOSEPH SIROTNAK
 FREIDA BERNADINE SKEELS
 HELEN ELIZABETH SMITH
 THOMAS ROBERT SMITH
 HAROLD A SOLGER
 THELMA VIRGINIA STANLEY
 EVELYN RASMUSSEN STARKEY, with
 Honors in History
 DOROTHY SELDEN STEELE
 VIRGINIA NORENE STEELY
 RICHARD STERN
 JULIA CATHERINE STEVENS, with
 Honors in English
 RUTH MARTHA STOBBE
 ELSIE MARGUERITE STOUTEMYER, with
 Honors in English
 MARIAN REBECCA SULEEBA
 GEORGE FRANCIS TAUBENECK, with
 Honors in Journalism and
 Political Science
 HAROLD MINARD TENNEY
 MARIAN ELEANOR TINTINGER, with
 Honors in German
 HELEN JOAN TOBIAS

CHUNG HSIU TSUI
 MARION EMMA TWITCHELL
 DONALD DESMOND UTTERBACK
 WALTER NOBLE VANCE, JR.
 MARGARET PEARL WAGGONER
 JOSEPH THOMAS WALKER
 ARDATH CATHERINE WALTER
 CHARLES RICHARD WALTER
 LOIS MAXINE WARNES
 EVELYN MOLLIE WATTS
 DRADEN ROBERT WAUGH
 SARAH JOSELYN WAY
 CHARLOTTE LOUISE WEBER
 HELEN MARIE WELCH
 MARTHA GERTRUDE WELCH
 GREGORY BOOTH WHIPPLE
 HELEN IONE WHITFIELD, with Honors
 in French
 VERNON WIBERG
 FREDRIC PHELPS WILLIAMS
 LUCILLE FRANCES WILLIAMSON
 LEONARD WOODRUFF WILSON
 LOUISE CLAIRE WILSON
 CHARLES FREDERIC WINTERS
 ANITA BLANCHE WOOD
 MARY STROUD WOOD, with Honors
 in Mathematics
 CHARLOTTE MARIE ZIEGLER, with
 Honors in German

In Home Economics

DOROTHY DE BERARD
 ARETTA JANE BINNIER
 FLORENCE ESTHER BUENTE
 BARBARA BURNS
 JEANNETTE INEZ CHESBRO
 LAURA CLARK
 MARY MARGARET CLARK
 ELIZABETH GRACE CLARKE
 GRACE WINIFRED COE
 ALTA MAY COTHERN
 GERALDINE DAVIS
 DOROTHY EMERY DODGE
 MABEL LYDIA FLUCK
 HELEN BIRD GALATY
 MADELYN GRIGSBY
 MARGARET AGNES HAYES
 RUTH ELIZABETH JACKSON
 NEORA GERTRUDE JANSSEN
 IRMA LYDIA KADIC
 VERA ELSA KRAFT
 EVA MAE McCLAIN, with Honors
 MARY McMAHON, with Honors

IVA VIOLA NELSON
 BLANCHE JOSEPHINE PETERSON
 MAXINE CHRISTIANA PRESSMAR
 HELEN MARGARET QUEENAN
 IRMA WINIFRED ROBISON
 FLORENCE MARGARET ROY
 ALICE ATHLEENE ROYSTON
 CLARA LILLIAN RUSH
 HAZEL MARIE SANDERS
 JANETTE SCHMIDT
 ELSIE HEASTON SELLERS, with Honors
 GENEVIEVE FRANCES SHADE
 BESSE PAULINE SHARER
 RUTH ANNA SHORT
 JANICE MINERVA SMITH, with Honors
 WILMA SERNICE SNIDER
 MARJORIE EDITH STEVENSON
 MARIE ELIZABETH THEOBALD
 NANCY RUTH VANCE
 MARY ELIZABETH VICK
 FRANCES LOUISE WARE
 LEONA RUBY WESTERLUND

Degree of Bachelor of Science

In Liberal Arts and Sciences

CLARENCE WILLIAM CLANCY
 EVAN ERNEST ECHELBERGER, JR.
 ALICE ELIZABETH FITCH

JACOB FRANCIS HAHN
 JAMES JAY HARRIS
 ELMER PLATTE KINNEY, JR.

EDMUND GEORGE MITCHELL
 OREVA ELAINE MYERS
 GILBERT LEON NIMMO, with High
 Honors in Chemistry
 DARRELL OVA OVERFECK
 JOHN ANDREW PIANFETTI, with Honors
 in Chemistry

ISADORE IRVING ROSEN
 DOROTHY CLARA SCHULTZ
 EARL COOPER SMITH, with Honors in
 Chemistry
 FLORENCE IRENE SMITH
 ANGELA MARY WELCH

In Home Economics

DOROTHY DUCKLES, with Honors
 CATHERINE ADELINE FAIT

NESTA FITZ-GERALD STEWART, with
 Honors

In Chemistry

ELLIS VINCENT BROWN
 ALLEN LOUIS COLEMAN
 RICHARD FRANCIS BUCHANAN COX,
 with Honors
 CLARENCE WILLIAM CURRY
 LADDIE FRANCIS DOBRY
 WILBUR JAMES DORAN
 EMANUEL LEON FOREMAN
 GALEN ALVIN GRIMMA
 LEROY FRANKLIN HALLEY
 CARL MAX HULL, with High Honors
 JACK KAPLAN
 SULO ARTHUR KARJALA, with High
 Honors
 PERRY HENRY LEWIS

BIRTILL ARTHUR LLOYD, with High
 Honors
 THOMAS SAYLOR OAKWOOD
 EDWARD ARTHUR PARKER
 CHARLES ITHAMER PARRISH
 ARTHUR FERDINAND RYLANDER
 FRANK MCGREW SCHOFIELD
 EDWARD THOMAS SCHWENDEMANN
 OLIVER CECIL SIMPSON, with High
 Honors
 PAUL WOODARD THOMPSON
 MARCUS GEORGE VAN CAMPEN, JR.
 CHARLES WILLIAM WALTON, JR.
 GEORGE WESLEY WILHELM, JR.
 BRUNO HENRY WOJCIK
 NEIL ALDRED YOUNG

In Chemical Engineering

HARRY DAVID CAPLAN
 EDWARD WALTER COMINGS, with
 High Honors
 MURRAY ARMOUR FARIS
 EDWIN RICHARD GILLILAND, with
 High Honors
 LIONEL ELMER GOFF
 EDWARD FREDERICK HARFORD
 HUGH REINHARDT JENKINSON
 ROBERT JOHNSON
 WILLIAM BEVERIDGE KENDALL
 HARRY LEE

LESLIE RANDOLPH MASON
 DAVID EUGENE MORRIS
 HAROLD WILLIAM NELSON
 CECIL WRIGHT NYSEWANDER
 DAVID JORDAN PORTER, with Honors
 JACK ELLIS SILBERMAN
 LEON SIMON
 FRANK JACOB SMITH, with High
 Honors
 FRANKLIN BURNHAM WELLS
 LESLIE EDWIN WHITTENBERG

COLLEGE OF COMMERCE AND BUSINESS ADMINISTRATION

Degree of Bachelor of Science

In Accountancy

FRANK HEDRICK ALLEN
 BRYANT LEE BATES
 WILLIAM WOODRUFF BLAND
 DONALD BROWN
 OSA LEONARD CLARK
 JOHN FRANK CLORUS
 JOHN EDWARD COYNE
 LOWELL ELDON CURRY
 NATHAN EDWARD CURTIS
 EUGENE N DAVIS
 CHARLES FRANCIS DILLON

EUGENE WALTER EBERHARDT
 HARLAN GRANT FAIRCHILD
 RALPH OTTO GEORGE FISHER
 TOM OTIS GASKINS
 WILLIAM THOMAS GRANT
 IRVIN GEORGE GROMOLL
 HARRY IRVING GROSSMAN
 LOUIS CONRAD HALTUG
 RAYMOND JOHN HAYES
 FRANK HIGGINBOTHAM
 ERNEST WILLIAM JACOBI

OLAF ULEEN HOY, with High Honors
 PAUL FRANCIS JOHNSON, with
 High Honors
 JOSEPH PAUL KOZAK
 CHARLES REYNOLD LARSON
 EVELYN MARGARET MCCUTCHEN
 LEO MICHAEL MEYER
 CHESTER ORVILLE MILLER

ELDEN PAUL PRIEBE, with Honors
 HARRY LOUIS RICHTER
 IRVIN C SLONNER
 JAMES HARKER SMITH
 CAMERON MELVIN STOCK
 WILLIAM HARRY STOUT
 HOMER LAHAY TRIPP, with
 High Honors

In Banking and Finance

RICHARD MCCREERY BALDWIN
 DONALD EDWIN BODENSCHATZ
 LYLE STANLEY CLINE
 DONALD ROBERT CONRAD
 DEAN BARBER CURTIS
 ALBERT LEROY DILLON
 ALEXANDER GEORGE DZIKAS
 RALPH SMITH GUNN
 GEORGE HARRY GUSTAT
 STANLEY GRAY HARRIS
 LAWRENCE EBENEZER IRISH
 ARTHUR MORRIS JAHN
 RALPH KENETH JOHNSON

FRANCES INEZ KNIGHT
 ROBERT EMERSON KUHL
 THOMAS ELMER MCCALL
 WILLARD RAYMOND OLSEN
 WALTER JOSEPH O'NEIL
 LOUIS STRANSKY OYSTER
 JOSEPH FRANK PROLA
 WILLIAM MYRON ROSE
 CHRISTIAN HENRY SEGER
 WALTER SMITH
 CHARLES FRANKLIN STITTELEY
 CURTIS DONALD UNDERWOOD
 LAWRENCE EVERINGHAM WESNER

In Commerce and Law

JOHN WEED BEAL
 WILLIAM BRANZ
 EDWARD CHRISTIAN GEORGE
 QUEBBEMAN

SAMUEL RUBIN
 RICHARD GEORGE SANDER
 ROBERT ALAN STALNAKER

In Commercial Teaching

MARGARET MARY KAMLAGER

In Foreign Commerce

GLENN LINCOLN ANDERSON
 CHARLES WADE GUSTASON
 FRED HENRY OSTER

EDWARD EARL RICE, with
 High Honors
 WILLIAM PROBASCO VAN NESS
 ROBERT BOICE WHITEFORD

In General Business

CLYDE FRANKLIN ARNOLD
 DONALD WILLIAM BAHLMAN
 CLYDE JOSEPH BALDWIN
 THOMAS HARVEY BEADLES
 PAGE EDWIN BEAUCHAMP
 WARREN ROYSE BEDINGER
 JACOB CORNELIUS BEEMSTER
 HOWARD ANDREW BERGQUIST, with
 Honors
 GEORGE ROBERT BISHOP
 LUCILE ELIZABETH BLAKE
 WILLIAM THOMAS BRYDGES
 WILLIAM DANIEL CAHILL
 RONALD CARMICHAEL
 CHARLES CERTIK
 GILBERT EMANUEL CHALSTROM
 HANSE CHAN
 ROY WESLEY CHAPMAN
 EMERSON EDWARD CHENOWETH

ARNOLD FRANCIS GEORGE
 CHRISTIANSEN
 JOHN PAULLIN CHRISTIE
 GEORGE A CONWELL
 BYRON LOCKARD COOK
 JOHN RAYMOND COULEUR
 CHARLES JOSEPH DANNER
 PAUL LUCIEN DAVIS, with
 High Honors
 SAMUEL EDWARD DEAN
 HAROLD KINGSLEY DICKINSON
 DONALD EDWARD DICKSON
 ROBERT BLISSFIELD EADIE
 RICHARD HENRY EDMUNDS
 CHARLES FREDERICK EDWARDS
 LEONARD EDWARD ELIAS
 HENRY HOUGH EMBREE
 CLARENCE EARL GANSCHOW
 WESLEY CARTER GAULT

DANIEL CABEL GLASSER
 DANIEL ELBERT GREEN
 SINGLETON POPE GREENE
 ERVAN HADLEY
 RICHARD FERDINAND HAHN
 JOHN WILLIAM HANAWALT
 ALLAN HARRIS
 CLARENCE SIMON HEMMING
 LEO GEORGE HESS
 CHESTER ALEXANDER HILL
 VESPER RAYMOND HOFFMAN
 WILLIAM HOFFMAN, with High
 Honors
 HAROLD GEORGE HOMUTH
 JACK FARNELL HUDSON
 MARLIN CLAIR HUPP
 FREDERICK EARL HUSTED
 FRANK BOHUMIL JANTAC
 CHARLES ANDREW JOHNSON
 BURTON EVANS JOLLEY
 JOHN CHARLES KASTNER
 ELIZABETH HELEN KEHOE
 WILLIAM EDMUND KNICKERBOCKER
 RUSSELL CARLTON KREMER
 JOHN RAYMOND LARSON
 JOHN GEORGE LEISENRING
 JOHN HART LEWIS
 WILLIAM DAVID LEWIS
 JOHN DAY MCINTIRE
 PHILLIP EDWARD MANN
 ELVA WINIFRED MARTIN, with
 Honors
 RUBY MARIE MELEEN
 LOUIS JOHN MELVIN
 MAXWELL JAMES MONTGOMERY
 EDNA BOYD MULVANE, with
 Honors
 JOSEPH JAMES NEDWED
 HARRY CAMBRON NEIL
 BENJAMIN IRA NORWOOD, JR.
 JOHN LARUE OGDEN
 WILLIAM JOSEPH O'GRADY

CLIFFORD DANIEL OLIN
 MILTON EDWARD OLSON
 ROBERT GILCHRIST OTTESEN
 RICHARD DENZIL PARKER
 HAL CUSHMAN PATTISON
 FRANK GEORGE PETERSON
 BERLYN PIERCE
 WARREN GREELY POOLE
 LOUIS BURNETT POPE
 MARY LOUISE PORTER
 MILTON A PROVUS
 EDWARD WILLIAM REGAN
 JAMES ARTHUR RINEHART
 BERNICE OLIVE ROBINSON
 KENNETH WILLIAM RUGH
 MOLLIE FANNIE SACKS, with
 Honors
 DONALD FREDERICK SCHNEPP
 JULIUS ROBERT SCHUHAM
 ALWIN MARCIAN SEAVEY
 CLARKE DILLING SHOBE
 HENRY MURRAY SHOOK
 ANNETTA MAE SIEMON
 LEON FREDERICK SIMMONDS
 KENNETH MILTON SNYDER
 JOHN SOLLER, JR.
 BARENT SPRINGSTED, JR., with
 Honors
 GEORGE BENJAMIN SPROUL
 FRED WILLIAM STARK
 JOHN HERMAN STEUERNAGEL
 JULIUS LEROY SUTTON
 DONALD EDWARD THOMPSON
 DONALD EUGENE VANCE
 FRANK JOHN WADDELL
 EARL HEBER WAGNER
 MABREY ALEXANDER WEAVER
 GEORGE ARTHUR WEBSTER, JR.
 RICHARD THEODORE WETTSTAED
 RALPH WALKER WRIGHT
 EDWARD EARL WYATT
 VINCENT ZERAFÀ

In General Railway Administration

JUN WU

In Industrial Administration

RICHARD FRANKLIN BECKER
 RAY PAUL BRUHNKE
 WARREN METCALFE CONWAY
 HOWARD SAMUEL DE YOUNG
 NORMAN LEE HICKOX
 CHARLES FRANCIS KING
 JAMES DALE KNOX, with Honors

RICHARD LEIGH MOORE
 NOAH PIERCE
 THOMAS EVERETT REYNOLDS, JR.
 WALTER ALEXANDER ROSS
 JOHN TIDEMAN SCHAEFER
 WALTER WILLIAM ZITZEWITZ

In Public Utilities

ROBERT SAMUEL BIGLER

JAMES DONALD KNAPP, with Honors

In Trade and Civic Secretarial Service

HAROLD LYNDON BARROWS

HARRIETT HELEN DUELL

In Accountancy and Banking and Finance

ROBERT LAWRENCE BRODY	REXFORD CLARK PARMELEE, with
MELVIN DANIEL COLLINSON	High Honors in Accountancy;
D LYLE DIETERLE	with Honors in Banking and
WILLIAM ANDREW ELLIOTT	Finance
ROBERT ELLSWORTH LEE, with High	JACK R STEIN, with High Honors
Honors in Accountancy and in	in Accountancy
Banking and Finance	DAVID MILLER VAN DOREN, with
RICHARD CHARLES MALONE	High Honors in Accountancy;
ROBERT WALLACE MAYER	with Honors in Banking and
	Finance

COLLEGE OF ENGINEERING

Degree of Bachelor of Science

In Architecture

MELVIN RUDOLPH BECKSTROM	WILLIAM MATHEW MACPHERSON
CHARLES F A BEHRENSMEYER	WALTER LOCKWOOD MARTLING
EDMUNDO BUDDENBERG	CHARLES THOMAS MASTERTON
CLINTON ANDERSON CAMPBELL	MILTON SAMUEL MILLER
HERBERT FREDERICK DEPKE	EDWARD NAYLOR MOORE
TEMPLE CHARLES DICK	GEORGE WASHINGTON MURISON, Jr.
WILLIAM ALLAMAN GANSTER	WILLIAM LEONARD PEREIRA
HARRY JONES HARMAN	BUFORD LINDSAY PICKENS
DOROTHY VERONICA MARY HELD	VINCENT GERARD RANEY
FRANCIS JOSEPH HEUSEL	WILLIAM VERNON REED, with Honors
HENRY LEVEKE KAMPHOEFNER	ROBERT ALDEN RODGERS
DONALD RAYMOND LAIDIG	MAYER DANIEL SCHLESINGER
ROBERT WILLIAM LAVICKA	WALTER REECE SCHWARTZ
PAUL KEMP LEHMAN	PAUL BLISS SWAIN
ANTHONY WILLIAM LINKONIS	CLAIR CARPENTER WEINTZ
GLENN RUSSELL LYON	

In Architectural Engineering

WILLIAM WOLF BENN	VICTOR LEONARD OPPERMAN
RALPH WALDO CRAIN, JR.	THELO SELMAR PARST
PAUL ANKER CHRISTENSEN	HARLOW OTTO PANHORST
CURTIS WALTER DOLLINS	WILEY EDWARD PRUNER
EUGENE ARTHUR DUBIN	JUDSON BURSON ROUTH, JR.
ELI LOUIS ELMAN	LESLIE FRANK RYBURN
RAYMOND ELLIS FISHER	EDWARD GEORGE SCHAEFER
ROBERT FRANK GANSCHINIETZ	HARVEY ANDREW EDWIN SCHEEL
CHARLES OVERTON HARRIS	CARL JULIUS SCHEVE, with High Honors
CARL REICHERT HERLAN	ROY HENRY SEYBOLD, with Honors
JAMES LEE KIRKLAND, JR.	SAMUEL EMANUEL SHAPIRO
JOHN WESLEY KOCHENDORFER	EDWARD JOSEPH SLYGH
KENNETH JAMES LOWRY	LOUIS RICHARD SOLOMON
JOHN WESLEY MCCARTY	THOMAS GEER TAYLOR
MINNIE ISOBEL METTE	ROSS MELVIN WALLIS
SAMUEL S MILLER	WILAS GUNNELL WEINBERG, with
ALBERT OTIS MYERS	High Honors
HARRY NELSON	HEROLD ARTHUR WINTER

In Ceramics

EARL FREDRICK SCHAEFER

In Ceramic Engineering

DWIGHT GRANVILLE BENNETT, with	GORDON L BRYANT
High Honors	ROBERT MAURICE HAINSFURTHER

WALDO WALLACE HIGGINS
 HARVEY EDWARD HOFFA
 JOHN B MILLER
 RUSSELL EDWARD MULLADY

ERIC SIEGFRIED NOÉ
 ROBERT ROWLAND THOMAS, JR.
 CHARLES COLORADO WESTALL

In Civil Engineering

SEYMOUR BERNSTEIN, with High Honors
 WALTER REGINALD BERRY
 HUGH ARMSTRONG BINYON
 HARRY WILLIAM BRINKMAN, with High Honors
 MICHAEL EASTERNER CHINN, with Honors
 JOHN V COOMBE
 JOHN NICHOLAS DANIGGELIS
 LOWELL A DOLLAHAN
 HAROLD BENJAMIN GEGEL
 OTTO B GERLACH
 WALTER JANSEN PRIESTLEY GIBBS
 WILLIAM EDWARD GREEN
 WILLIAM RUDOLPH HILDEMAN
 RALPH DAN HILL
 FRANCIS WAYLAND HOLBROOK
 WILLIAM MICHAEL HONSA
 WILBUR CLARK ISEMINGER
 BRUCE GILBERT JOHNSTON, with High Honors
 HERMAN H JOST, JR.
 CHARLES JUN
 WILLIAM CHRISTIAN KLINGELHOFER
 WALTER ERNEST LABELLE
 MILES ALEXANDER LAMB
 JOHN LA TREYTE LANG
 LAWRENCE ELMER LANGDON
 EDWIN JOHN LAWSON, JR.
 GROVER CYRUS LEWIS
 FAY EMMITT McATEE, with High Honors
 JOHN McBRIDE
 HARRY WILLIAM McCLUGAGE

MICHAEL CHARLES MARTEN
 FRANK AUGUSTUS MATTESON, JR.
 JOHN WALLACE MILLER
 CARROL VANDAVEER MILLS
 OLIVER WESLEY MUNZ
 BERNARD MURPHY, JR., with High Honors
 DEVEREUX HAMILTON MURPHY, with Honors
 JAMES SMITH NALL
 GERALD HARRY NICKOLL
 AUGUST EVAN NIEDERHOFF
 ROGER GLYNN O'BRIAN
 STANLEY NEWHALL PERKINS
 JOHN OSCAR PETERSON
 LYNN WILSON PINE
 LEROY EDWARD PRITCHARD
 HAROLD ARTHUR PUTNAM
 EDWARD FRANKLIN REAM, JR.
 EDWARD LEONARD REITER
 BENJAMIN FRANKLIN ROSE, JR.
 GEORGE WALTER SCOTT
 RALPH ALOYSIUS SEIDLER
 ALVIN RAYMOND SHABINO
 HAROLD ISAAC SHIVELY
 LOYAL LAURIDSEN SMITH
 LYLE J SMITH
 HENRY JULE TEBOW
 FRANK HOLTON VOORHEES
 NICKOLAS VUCOVICH
 JAMES DONALD WALKER
 TARLEY TARSON WILEY
 LEONARD WILTON WINGET
 VERNON DALE WISSMILLER

In Electrical Engineering

RODEON LEE ALTEMUS
 JACK WILLIAM AYERS
 MAGGIO CHARLES BANCA
 GEORGE ROBERT BISHOP
 RAYMOND GEORGE BLACK
 THEODORE LEON BOWES, with Honors
 EDWARD WILLIAM CHAPIN
 JOHN SODERSTROM CLARK
 WINFIELD TERRY COOPER, with High Honors
 WILLIAM MARCUS CRONIN
 BRUCE GRANT EATON, JR.
 WILLIAM HARRY FORMHALS, with High Honors
 FRANCIS MARION FUNKHOUSER
 CELSO GENTILINI, with High Honors
 ROBERT LOUIS GOUGLER
 HOBART HOFFER HARTONG, with Honors

AKIRA HONKE
 CHARLES ARTHUR HUEBNER
 WALTER PAUL HUFNAGEL
 HARRY IBLER
 NORMAN LEONARD JACKLIN
 HAROLD SNODDY JESTER
 ROBERT LESLIE JORDAN
 STANLEY ROBERT JORDAN, with High Honors
 WILLIAM JOHN KATT
 DAVID LESLIE LEVINE, with High Honors
 GORDON STANDISH MARVIN
 GEORGE DOWNEY MATTHEWS
 JACK HENRY MUNTZ
 WALTER RUSSELL NELSCH
 CORNELIUS EDMOND O'DONNELL, with Honors
 RALPH JONAS ORNER

HAROLD GEORGE PAINE
 MAURICE ALBERT PARR
 DONALD JEAN PENNINGTON
 LOUIS ARMIN PFAUTSCH
 MAURICE MARVIN PORTNOY
 LAVERN EDWARD QUINNELL
 ALOIS JOSEPH RACK
 LUTHER GRIMM RAMER
 LEONARD ELY ROBINSON
 IVER AXEL ROCKMAN
 RICHARD SHAPIRO
 ROBERT LEE SHEARER

DEAN HOWARD SMITH
 WILLIAM LEWIS TAYLOR
 MARVIN IGNATIUS THOMAS
 FRANKLIN HENRY VAN DOREN
 LYNN ACUS WEAVER
 RUSSEL CARL WEBECK, with Honors
 LESLIE STEPHEN WELLS
 HUBERT ARTHUR WENZEL
 VIVIAN LUTHER WESTBERG
 GEORGE LEE WEY
 JOHN WILLIAM WININGS

In Engineering Physics

GEORGE FORREST DRAKE, with High Honors DONALD FREDERICK HAYWORTH

In General Engineering

ABNER CALLAWAY ALLEN WILLIAM CHESTER SCHULTE, with High Honors
 ROBERT HENRY ANDERSON WALTER HERMAN WARNCKE
 CLYDE ERIC GILLER
 HERBERT RICHARD LISSNER

In Mechanical Engineering

JOHN ROBERT ALEXANDER LLOYD ALLEN MCCORMICK
 WILLIAM GORDON ALLEN CLOYDE YATES MCCOWN, with High Honors
 ALBERT RADFORD BARTON, with High Honors GUERARD MACKAY
 CHRISTOPHER COLUMBUS BAUMANN CARL THEODORE MADSEN
 AARON DOCKERY BROOKS HENRY ALBERT MEYER
 LAWRENCE WILLIAM BRUGMAN CHALMERS EPLING MILLER
 MARION FRANCIS CARLOCK ERROLL ALEXANDER MURHARD
 LEONARD EDWARD COHN RICHARD CHARLES OELER
 FREDERICK PASKELL CROMWELL LEO PELLER
 JOHN JACOB FLORETH, with Honors ALBERT PELTZER
 GEORGE BENCE GREGG VERNON DONALD PULLIAM
 OTTO CHARLES HAIER, JR. JOHN NOBLE ROLSTON
 WARREN SKINNER HARRIS ALBERT ISADORE SCHNEIDER
 ROBERT WINSTON HATHAWAY JOHN FREDERICK SCHROEDER
 WILLIAM AUGUST HEINZE ALVIN EDWARD SCHUBERT
 HOWARD HENRY HOTTES CHARLES OLIVER SMITH
 ARTHUR NIELS JONSSON L RAYMOND TWYMAN
 GEORGE WILLIAM KESSLER, with High Honors BERNARD LEIGHTON WELLMAN, with Honors
 NEIL GEORGE KINGSNORTH MARSHALL ALBERT WILSON
 PHILIP FRANCIS LEWIS MARSHALL HENRY WINTER
 EDGAR ALLAN LUSCOMBE

In Mining Engineering

WALTER WILLARD ANDERSON FRANCIS CHESTER WOJTANOWICZ
 ARTHUR LEE BARRETT

In Railway Civil Engineering

ELLIS DANNER, with High Honors ROQUE TUMANENG REYES

In Railway Electrical Engineering

ROBERT EMMERT CLEVENSTINE HENRY REDDEN HOGENDOBLE
 JOHN WALBRIDGE DEWOLF, with High Honors ROBERT LEE MANVILLE, with Honors
 HONORS HARRISON READ MINER
 THEODORE KENNETH GREENLEE ROLLIN KENNETH SNETHEN
 HOWARD CASSELL HEATON MARION WHITFIELD WOODRUFF

In Railway Mechanical Engineering

ROY WAYNE LEGGE

COLLEGE OF AGRICULTURE

Degree of Bachelor of Science

In Agriculture

RAYMOND GLEN BENBOW, with Honors	PERCY EVERT JOHNSON
WILLIAM CHARLES BEUTNER	ROY PLUISTER JOHNSON
THEODORE A BIRKHIMER	HOMER EDWARD KEARNAGHAN
LYMAN JACOB BRATZLER	LEON WILLIAM KUHN
RAYMOND ROTHWELL BUKER	WALTER BERTRAND LACEY
ARTHUR LEHMAN CANTERBURY	RUSSELL EMERY LAMOREUX
CARROLL MCINTOSH CASSITY	JULIEN EDWARD LEMAIRE
JOSEPH RALPH CULLISON	MAURICE LEMON LINDSAY
CLINTON STUART CUTRIGHT, with Honors	LAWRENCE LEROY LOWE
CONSTANTINE NICHOLAS DARRAS, with High Honors	EUGENE LITTELL MCHARRY, with Honors
ARTHUR WILLIAM DILLON	SAMUEL JOSEPH MAKEEVER
LESTER MILLER DODD	JOSEPH MAYNARD MILLER
RALPH UPHAM DODGE	WARREN WILLIAM NESBITT
WILLIAM RICHARD DONIGAN	LEONARD LEWIS NORTON
MATTHEW DROSDOFF, with Honors	JOHN LOUIS POOLE
CURT EUGENE ECKERT	KENNETH ALVIN POTTER
WILLIAM CLARK FISHER	ALBERT ANGUS PRITCHARD
ELWYN CARL FOLKERS	RUSSELL JENNINGS RAMSEY
OLIVER FRED GAEBE	LLOYD GLENN RODMAN
ELMER DUANE GREGORY	HARRY GOULD RUSSELL
ALBERT HENRY GRIFFIN, with Honors	RUDOLPH WENDELL SCHAFFER
HAROLD EDWIN HEMBROUGH	THEODORE JACOB SHAMBAUGH, JR.
WILLIS STEWART HENDERSON, with Honors	LYLE FORD SHOOT, with Honors
LAWRENCE WEAVER HOCKADAY	HENRY ALLEN SIMMS
ALLEN DALE HUBBARD	JOHN BEN STEAD
	JAMES MERYL STEWART
	LOYD LEMOYNE STITT
	LAWRENCE WARREN

In Floriculture

ARTHUR MELVERN CHENEY	ERNEST ROSCOE SCHWARM, with Honors
GRANT DAVID EVERHART	THEODORE MILTON SWARTZ, with Honors
FRANCES MARGARET GASTON	WILLIAM FOSTER WEST, JR.
CHARLES EDWIN HEWITT	
JOHN ADOLPH LUNDGREN	
ANDREW BERNARD MATTHIESEN, JR.	

In Home Economics

MARY ELIZABETH BENNETT, with Honors	GLADYS CAROLYN NEYSTROM
NEVA AUDRA BEVIS	LAURA PAULINE PRICE
LETITIA DORÉ BOYD	MARGERY ELIZABETH PURNELL
RUTH ELMA BRESEK	RUBY KEMP REMLEY, with Honors
DOROTHY GLADYS DILLON	HENRIETTA FRANCES SELDEN, with Honors
ALICIA VINES EASLEY	FRANCES SHIELDS
ELIZABETH CAROLINE ELICH	HELEN STROCKBINE
LELLA MAE ENDRES	RUTH TJARDES
ELVERTA MINNIE ERDMAN	VERA MAE VASEY
HILDA MARIE GARMS	INEZ ORIETA YOUNG
VENUS SARAH JOHNSON	

In Landscape Architecture

DAVID ABBOTT
 RUSSELL LEROY BROWN
 KATHARINE LONDON BURNS
 CHARLES ALVIN DeTURK
 LEO JOHN DIEDERICH
 IRVING ASQUITH FIDDELKE
 CHARLES HANSEN
 DAVID CLARENCE HUNTER

SILAS HASKINS HUNTINGTON
 EARL JOHN MANN
 XAVIER CHARLES MEYER
 DONALD BURLEIGH PARTRIDGE
 DANIEL FRANCIS ROLL
 KENNETH LAWRENCE SCHELLIE
 WILLIAM ERNEST SHATWELL
 TETSURO YAMADA

COLLEGE OF LAW

Degree of Bachelor of Laws

WALTER ERWIN ACKERMAN
 MILTON MYRON ADELMAN
 JAY JACOB ALLOY, with High Honors
 WILLIAM RUSSELL ARRINGTON, A.B.,
 1928
 IRVIN BERNARD BEREN
 JAMES LEWIS BOND
 ROSCOE CONAS BONJEAN
 JOHN WILLIAM BROWNING, A.B., 1928
 HOWARD VINCENT CALVERLEY
 RUSSELL HELMS CLASSEN
 JOSEPH LIPPMAN COHN
 EDWIN WALTER COLLORD
 HARRY ALFRED COOPER
 WILLIAM GEORGE EOVALDI
 RAY MELFORD FOREMAN, with Honors
 JOHN WESLEY FRIBLEY
 ROBERT CHARLES FURMAN
 ROBERT J HARTLEY, B.S., 1928
 EDWARD FRED HERSCHBACH
 JOHN SIMPSON HISSONG, B.S., 1928
 GEORGE EVAN HOWELL, B.S., 1927
 LEIGH HALE HUNT, A.B., 1928
 HERBERT ROGDE JACOBSEN
 ALBERT ERNEST JENNER, JR.
 WILLIAM DONALD JONES, A.B., 1928
 GILES EVERETT JORDAN, with Honors
 HAROLD MATHIAS KAUFMAN
 RICHARD McCUTCHEEN KECK, A.B.,
 1928, with Honors
 ALVIN WALDEMAR KUNKE, B.S., 1928
 ALVIN LANDIS

MAXWELL MARSHALL LEWIN
 CALVERT JOSEPH LINCOLN
 ERNEST RALPH LOEWY
 GEORGE WILLIAM McLEAN
 WILLIAM THOMAS McNEILL
 BENJAMIN EDWIN MARK, B.S., 1926
 DELMAR EVERETT MARTENSEN, B.S.,
 1928
 IRVING BARRY MAYER
 CLARK HALL MILEY
 KENNETH EVERETT MOBERLEY
 JOHN VASKEN MOORADIAN, with
 Honors
 LEONARD FRANCIS MURPHY, B.S., 1928
 RALPH CHARLES MURPHY, A.B., 1928,
 with High Honors
 DONALD JOSEPH ODDSEN
 JULIUS PELTZMAN
 FRANK LAMBERT PETRU
 MAX JOSEPH SATIN, A.B., 1928
 ARTHUR CHARLES SCHREIBER
 PAUL RICHARD SCHREIBER
 BERTRAND CARL SCHUEMANN
 ROBERT GRAHAM SMITH
 NICK STEPANOVICH
 EDWARD JOSEPH TURNBAUGH, A.B.,
 1928
 GEORGE ALBERT VINK
 DONALD FRANK WILEY
 MURAL J WINSTEIN
 GILBERT LLOYD WOOD

Degree of Doctor of Law

STEPHEN BERT ADSIT, A.B., 1928,
 with Honors

CHARLES HENRY BLUMENFELD, A.B.,
 1928
 PAUL GOODSELL SULLINS, A.B., 1927

SCHOOL OF MUSIC

Degree of Bachelor of Music

BYRON PEARCE BLACKARD
 ROLAND CROZIER BURTON
 MARIE IVA BUSEY
 LOUISE TAYLOR CUMMINS, with
 Honors
 DOROTHY LILLIAN DREWS

URSULA BARBARA HAMPEL, with
 Honors
 CATHERINE ELIZABETH LOEKE
 ROBERT BRADLEY LYON, with Honors
 MELVIN ALDRIDGE McCOY
 RAYMOND EARL MIDDLETON
 MARIE HELEN WORLEY

LIBRARY SCHOOL

Degree of Bachelor of Science in Library Science

- KATHRYN SARA ADAMS, B.S., Northwestern University, 1929
 ISABELLE THOBURN ANDERSON, A.B., University of Colorado, 1927
 MARGUERITE HALLAM ANDERSON, A.B., Indiana University, 1924, with High Honors
 MARY JANE ANDERSON, A.B., Mount Union College, 1929
 OLSIE MAY ANDERSON, A.B., Doane College, 1910
 ALICE MARIE BAKER, A.B., Ohio University, 1924, with High Honors
 MILDRED ELIZABETH BAUMANN, A.B., 1929
 ALLEYNE BAUMGARDNER, A.B., 1925, with High Honors
 MAY FIDELIA BOUDINOT, B.L., Pomona College, 1907; A.M., University of California, 1915, with Honors
 RUTH GERTRUDE BOUGHTON, A.B., University of Kansas, 1922
 NELLIE MATILDA BREDEHOFT, A.B., A.M., 1908, 1911, with High Honors
 FRANCES BURRAGE, A.B., University of Oklahoma, 1929
 CARRIE LOUISE CLARK, A.B., University of Michigan, 1903
 DOROTHY MAY COIE, A.B., State College of Washington, 1928
 MARY ELIZABETH COLLOM, A.B., 1915, with Honors
 ELMA IRENE COURTER, A.B., University of Kansas, 1926
 VIRGINIA JACQUELINE CRAVENS, A.B., Missouri Valley College, 1922
 ANDREW JOSEPH CREIGHTON, A.B., Columbia College, 1925
 LUCILE ZEDA CROSBY, A.B., Friends University, 1925
 FAY CUZNER, A.B., University of Minnesota, 1908
 MARTHA KLINE DEAHL, A.B., West Virginia University, 1925
 MYRTLE IDA DEASON, B.S., Southeast Missouri State Teachers College, 1924
 ETHEL ELZIRA DONAHEY, A.B., Drake University, 1929, with Honors
 IRENE MAY DOYLE, A.B., A.M., 1919, 1924, with High Honors
 MARGARET HELEN DRESHER, A.B., McPherson College, 1929
 MARGARET VIRGINIA EBELING, A.B., West Virginia University, 1927
 MARGARET KINKAID ECKELS, B.S., College of Wooster, 1928
 DOROTHY LOUISE EISSLER, A.B., Evansville College, 1925
 SALLYE MARTHA ELKINS, B.S., Southeast Missouri State Teachers' College, 1920
 EVELYN ALBERTA ELLIOTT, A.B., College of Emporia, 1925, with Honors
 RUTH LYDIA ELLIOTT, A.B., Parsons College, 1927
 RUTILLIA JAMES EUBANK, A.B., Texas Technological College, 1929
 LOIS ALEXA FARR, A.B., Grinnell College, 1919, with Honors
 DOLOREZ MAE FENNER, A.B., B.S., University of Oklahoma, 1928, 1929
 FRANCES BERNICE FIELD, A.B., Carleton College, 1927, with High Honors
 FREDERICK PERRY FORD, A.B., Oberlin College, 1912; B.D., Chicago Theological Seminary, 1920
 KATHERINE FOX, A.B., 1928, with High Honors
 ZELIA JANE FRENCH, A.B., Southwestern College, 1928
 RUTH CRAIG FUNKHOUSER, A.B., Indiana University, 1929
 ELISE GATHINGS, A.B., North Carolina College for Women, 1928, with Honors
 SYLVIA CORAL GILMORE, A.B., Nebraska Wesleyan University, 1920, with Honors
 ELSIE CADY GLEASON, B.L., University of Wisconsin, 1902
 FLORENCE HELENE GOODFELLOW, A.B., 1929
 VERA FERN GRAHAM, A.B., Dakota Wesleyan University, 1924; A.M., Northwestern University, 1927, with High Honors
 BEATRICE ODELL GREEN, Ph.B., University of Chicago, 1926
 MARCELINE MARY LOUISE GRIGNON, A.B., Lawrence College, 1928
 ARTHUR ERIC GROPP, B.S., Kansas State Teachers College of Emporia, 1927, with Honors
 LENNA ANN GUTHRIE, A.B., State College of Washington, 1925
 DOROTHY JEAN HALLAUER, A.B., University of Rochester, 1921
 ELEANOR HARDING, A.B., Western College for Women, 1929
 DELILAH BLANCHE HARGIS, A.B., Indiana University, 1929
 ANNA ELEANOR HARKINS, A.B., Mississippi State College for Women, 1927
 MILDRED ELIZABETH HARPER, A.B., James Millikin University, 1926
 LUCY CATHERINE HART, A.B., University of Oklahoma, 1926, with Honors

- ESTHER MAY HILE, A.B., Grand Island College, 1923, with Honors
 RUTH LUCILE HOFF, A.B., Friends University, 1925
 MARY EDITH HOUSTON, A.B., University of Texas, 1921
 PAUL HOWARD, A.B., University of Oklahoma, 1927
 HENRIETTA HOWELL, A.B., University of Kentucky, 1929, with Honors
 LEONE ISABELLE INGRAM, A.B., Carleton College, 1924, with High Honors
 SAMUEL SULEIMAN ISA, A.B., Lake Forest College, 1918; B.D., McCormick
 Theological Seminary, 1928
 LUCY EMMA JONES, B.S., Southwest Missouri State Teachers College, 1926
 GRETCHEN DOROTHY KNIEF, A.B., University of California Southern Branch,
 1927, with Honors
 KATHERINE MAY KNOOP, B.S., South Dakota State College of Agriculture and
 Mechanic Arts, 1928
 DONALD WINSTON KOHLSTEDT, A.B., 1929, with Honors
 FRANCES JANET KRAFT, B.S., Tarkio College, 1929
 ELVA LEONORA KROGH, A.B., University of Nebraska, 1922
 CLARISSA OLIVIA LEWIS, A.B., State University of Iowa, 1925, with Honors
 EDMON LOW, A.B., East Central State Teachers College, 1926, with High Honors
 RUTH LUCAS, A.B., Indiana State Normal School, 1922, with Honors
 ELSIE MARIE LUNDBORG, A.B., Dakota Wesleyan University, 1926, with Honors
 DOROTHY GIFFORD MARTIN, A.B., University of Utah, 1926, with Honors
 RUBY HENRIETTA MAUCH, A.B., Huron College, 1923
 LEONE WILHELMINA MAYER, B.S., University of Minnesota, 1926, with Honors
 VIRGINIA STEWART MCEACHERN, A.B., 1929
 EDNA MARY MCGRATH, A.B., 1926
 ETHEL MYRTA MCGRUER, A.B., University of North Dakota, 1920
 BESSIE MEDD, A.B., Lawrence College, 1911, with Honors
 HELENE ROSE MILLER, A.B., State University of Iowa, 1919
 SUSAN ELIZABETH MILLER, A.B., DePauw University, 1915
 AMANDA RACHEL MINICK, A.B., Wilson College, 1929
 ANNE AILEEN MURDOCK, B.S., George Peabody College for Teachers, 1929
 NELLIE RAY MYERS, A.B., Parsons College, 1928
 MILDRED AMELIA NELSON, A.B., Macalester College, 1926
 MARY LUCILE NICKELL, Ph.B., University of Chicago, 1922, with Honors
 WAVE LYNN NOGGLE, B.Ed., Illinois State Normal University, 1929
 ANNA MARIE O'DONNELL, A.B., State University of Iowa, 1928
 ELIZABETH OGAN, A.B., Iowa State Teachers' College, 1923
 ALICE ELLA PAINE, Ph.B., University of Chicago, 1925
 GENEVRA PARKER, A.B., University of Wisconsin, 1926, with Honors
 MARY FAITH PARMELEE, Ph.B., Grinnell College, 1910, with Honors
 HAZEL MARIE SHAW PEEK, B.S., University of Missouri, 1917
 RUTH LEE RINKEL, A.B., American University, 1929
 MARY ROBERTS, B.S., 1926
 JOSEPH WILLIAM ROGERS, A.B., Baker University, 1928
 RUTH MAE ROTHENBURGER, Ph.B., University of Chicago, 1929
 LOLA MAE ROZZELL, A.B., Texas Technological College, 1928
 GEORGIA MADGE SAYLOR, A.B., 1930
 ERNEST JUSTUS SCHEERER, A.B., Miami University, 1926
 EVELYN JULIA SCHNEIDER, A.B., A.M., University of Louisville, 1918, 1919, with
 Honors
 MARY JEANNE SCRIMGER, A.B., Illinois Wesleyan University, 1928
 RICHARD BURL SEALOCK, A.B., Eureka College, 1929, with High Honors
 MARY ELIZABETH SHERFY, A.B., McPherson College, 1925
 RAYMOND HOWARD SHOVE, A.B., Morningside College, 1928
 SISTER MARY ROBERT HUGH PENDERGAST, A.B., Mount Saint Joseph College,
 1925
 OLGA ELIZABETH SKARTVEDT, A.B., Saint Olaf College, 1921, with Honors
 VERA JOSEPHINE SMITH, A.B., 1928, with Honors
 EUNICE LUCILLE SPENCER, B.S., Oklahoma Agricultural and Mechanical College,
 1926
 ZONA GALE STEVENSON, A.B., State University of Iowa, 1929
 MARY LYNDAL SWOFFORD, A.B., University of Oklahoma, 1922, with High Honors

EMMA LOU TAGGART, A.B., Colorado College, 1929
 AGNES MARY TOMCZAK, A.B., University of Minnesota, 1919
 MARY MARTIN TORREY, A.B., University of Mississippi, 1929, with Honors
 BESSIE GUYNETH TRESSLER, A.B., College of Emporia, 1926, with High Honors
 IRA AURA TUMBLESON, A.B., Nebraska State Teachers College, 1928
 LEONORE BARR WELBORN, A.B., Indiana University, 1928
 ALICE BARBARA WESLEY, A.B., North Carolina College for Women, 1928
 MARCIA ALICE WHEELER, A.B., DePauw University, 1928, with High Honors
 ALBERTA ENGEL WILLIAMS, A.B., Colorado College, 1929, with Honors
 SARA METELLA WILLIAMS, B.S., Kansas State Teachers College of Emporia, 1927,
 with Honors
 BERTHA KATHERINE WILSON, A.B., Jamestown College, 1923
 IRMA MARY WOODS, A.B., State University of Iowa, 1920
 MARGARET CAMPBELL WOOLARD, A.B., 1927
 LOUISE ELIZABETH WRIGHT, A.B., College of Wooster, 1929

COLLEGE OF EDUCATION

Degree of Bachelor of Science

In Education

B LESLIE ADAMS	RUSSELL JOSEPH CRANE
MADLYN CHELLNISSA ADAMS	ADA MARIE CREATH
WILLARD CURRY ALDRICH	CHARLES CYRENUS CULLISON
ALICE MAY ANDERSON	LOUISE TAYLOR CUMMINS
LELAH ANDERSON	WILLIAM LESTER CUPPLES
WINFIELD SCOTT ANGUS	DOROTHEA ELIZABETH DANIELS
LUCILLE MARY ARMSTRONG	HALLIE EMMA DAUGHARTY
FLORENCE MARY ATTAWAY	BERNICE LUCILLE DAVENPORT
MARGARET ELIZABETH AUGUR	CHARLOTTE WILKENS DESELM
BESS CATHERINE BAER	RUTH JANE DICKSON
MABEL IRENE BAKER, with Honors in English	VIRGIL CLEOH DOLLAHON
ELIZA AMANDA BAUGHMAN	MARY GERTRUDE DOLLINS
MARION LOVONIA BERNARD	JAMES DONALD PAUL DOYLE
WILLIAM ROSENBERG BERNSTEIN	MYRTLE NELLIE DUNLAP
AUDREY ELIZABETH BIRTWELL	IRENE AGNES EBELING
THEODORE WALTER BLUM	DOROTHY MAYME EDWARDS
ELIZABETH BODINE	MARION ELLEN EGGLESTON
ROBERT ORDWAY BONE	HAZEL MARIE ENDICOTT
MADLYNN ELIZABETH BOOS	THELMA MARCELLA EUBANKS
ALBERT CECIL BOSTIC	FARMER LELAND EWING
CATHERINE FLORENCE BOYD	FRED CARL EXTER
LOUISE BREWSTER	MARIE VERONICA FARRELL
DANIEL MAC LACHLAN BUCHANAN	ERVILLE TALBOTT FARRAR
ANITA LILLIAN BURGER	FRANCES ROBERTA FLEMING
GLADYS M BURNESON	DOROTHY EVELYN FLETCHER
FRED THOMAS BURT	THERESA ISABEL FLYNN
ROLAND CROZIER BURTON	LURETA NELLER FRANKLIN
ALBERT HUGH CAMPBELL	THELMA MARGARET FRANKLIN
ROBERT JOSEPH CARR	CATHERINE ELIZABETH FREEMAN
ROBERT LEE CHAMBERS	MARY ELIZABETH FREESE
WILL LANGSHAW CLEGG	LILLIAN ETHEL GILL
POLLY FAYE CLINE	DOROTHY ELIZABETH GLANCEY
KENNETH ROSS COATNEY	MATTHEW WYMAN GLENN
HAROLD WAYNE COLE	GRACE MADALYN GODFREY
RUTH MARGARET COLE	JOSEPH ANTHONY GOELLER
GEORGE THOMAS CONLIN	MARION GEORGINA GORDON
CLARENCE DELMAR CONNAWAY	HARRY JOSEPH GOSS
LAMON KENDLE COONS	HELEN MARGARET GREENE
RUTH EDNA CORNWELL	MARY LOUISE GRIEGER
ENID MARJORIE CORPE	CHALMER ANDREW GROSS
	JAMES HENRY GROUTAGE

MARGARET MARY HAAS
 PAULINE ANN HACKBARTH
 OPAL BERNICE HACKER
 MARY KATHRYN HACKETT
 CLAYTON MAJOR HADLEY, JR.
 MARCELL HARRY HALL
 MARGUERITE EVELYN HAMMETT
 ELIZABETH CAROLINE HANAWALT
 OSCAR AUGUST HANKNER
 BUEFORD REUBEN HARPER
 WILLIAM ROY HARTMAN
 SHERRILL BERTRAND HAYDEN
 VIRGINIA PALMER HEIDMAN
 NEIL ELMER HEIKES
 MARIAN FRANCES HENDRICKS
 PETER SWAN HERBERHOLZ
 PEARLE DOROTHY HERSKOVITZ, with
 High Honors in Education
 LOYALLE WADE HINTON
 LEONARD FRANK HINZE
 ROBERT THEODORE HISE
 MERCEDES LUCILLE HOAG
 WALTER CALEB HODGE
 HENRY CLAY HOLT
 BERTHA HORWICH
 EVA ADALINE HOWARTH
 FRANCES ISABELLA HUDSON
 FRED HUMBERT
 KATHRYNE RAE HUNSICKER
 ANNA ELISE JAEGER
 PAUL JESSEN
 BERNICE CATHERINE JOHNSON, with
 High Honors in Education
 RUTH MARY JOHNSON
 ESTHER LOUISE JORGENSEN
 ANTON JUREZIZ, JR.
 JOHN EMMERSON KEAL
 MARY CHARLOTTE KEITH
 EMILY JOSEPHINE KELLEY
 KATHRYN ELLEN KENDALL
 VERNON ROBERT KENT, with High
 Honors in Mathematics
 DORIS OZEL KESSLER, with High
 Honors in Art and Design
 HELEN DOROTHY KIMBALL
 MARGARET MARY KINDER
 ETHEL ELIZABETH KINDERMAN
 LAURA WILHELMINA KINDERMAN
 MARY ELIZABETH KING
 MARGUERITE LOUISE KOELLN
 MILTON EDWARD KRAFT
 ELIZABETH JULIA KRESLER, with High
 Honors in Education
 CLAUDE GEORGE KRUECK
 HELEN DOROTHY KRUSE
 MARY K KUMLER
 WILLIAM CURTIS LANE
 DOROTHY FRANCIS LANNON
 EVERETT CHRISTIAN LARSEN
 EDWIN MILTON LEAMON
 ANDREW GEORGE LEARY
 BERNICE GENEVIEVE LEE
 LUCILLE MEREDITH LEE
 ALBERTA LEEPER
 JAMES WARREN LEWIS
 PHYLLIS FREDA LONG
 MILDRED LUDLOW
 ESTHER LOUISE MCBRIDE
 WAYNE EDWARD MCCLEERY
 JANE ADELAIDE MCCLURE
 VERNON CLARENCE MCGINNIS
 EDWARD LOHMAN MCGRATH
 MARSHALL OLIN MCMULLIN, with
 High Honors in Mathematics
 LUCILLE VIRGINIA MACHIELS
 MYRTLE EDGREN MAGNUSON
 ELLA MARIE MAGNY
 JAMES LAWRENCE MAJOR, JR.
 VICTOR DEFORREST MALONE
 RUFUS JULIAN MARSHALL
 WILBERT ARTHUR MARTIN
 KENNETH WILBUR MASON
 MABEL LIDA MASON
 HELEN MARIE MATHIS
 HERMAN WILLIAM MAYER
 ANN ESTHER MAZAC
 ANNA HURST MEIERHOFFER
 ELMER AUGUST MEYER
 LAVONA MILLARD
 KENNETH MILLEN
 DOUGLAS RAYMOND MILLS
 ELIZABETH BERNICE MITCHELL
 THOMAS CHARLES MOERS
 RUTH JANE MORRISON
 ISOBEL BLAIR MOWATT
 GRACE ROBERTA MOWER
 LOLA JEANNETTE MUNS
 ELIZABETH ANN MUNSON
 MARTHA EILEEN NICHOLS
 DOUGLAS GILLISON NICHOLSON
 LILLIAN METTA NIELSEN
 FRANCIS XAVIER O'KEEFE
 BESSIE MAE OLSON
 MILDRED ALICE O'NEIL
 ALIPIO DE VEYRA B ORENCIA
 PAUL ROBERT OSBORN
 MARY ELIZABETH PAUL, with High
 Honors in History
 ELSIE EMILY PENDLETON
 PAULINE ALICE PERCIVAL
 GERTRUDE BERTHA PESKE
 ESTHER PHARES
 RUTH ELIZABETH PHILLIPS
 PEARLE PIERCE
 RAMON BRIARD PIERCE
 JOHN PIUPPO
 GLADYS ELIZBETH PORTER
 SARAH HELEN PRICE
 CECIL CALVERT PRYOR
 IRVA JOSEPHINE RANKIN
 GERTRUDE MARY REDMOND
 VAN REEDER
 DANIEL SCOTT REESE
 AGNES HILARY REILLY

HELEN CATHERINE RIEPEN
 ELIZABETH EMILY ROE
 MARGARET LUCILLE ROMANUS
 LILLIAN VALLEY RONNEBERG
 LILLIAN JANE ROSENFELD
 MARY VIRGINIA ROWAN
 JOSEPH CHARLES SAPORA
 VIRGINIA HELEN SCHYE
 MARY MARJORIE SCOTT
 SUSIE WALTON SEARS
 BERTHA HELEN SHANNON
 MILDRED ELLA SHEPARD, with High
 Honors in History
 JULIA MARIE SIMONSEN
 DOROTHY GRACE SIMPSON
 HELEN BEATRICE SLEPICKA
 BRUCE SMITH
 TERRANCE HERBERT SMITH
 VIRGINIA BURKE SMITH
 MARY LOIS SNIVELY
 FREDERICK KENNETH SPIECKER
 ELIZABETH SQUIRES
 DOLPH STANLEY
 DAVID KENNETH STEERS
 ROSE MARY STEINPRESS
 FRANCES VIVIAN STEVENS
 MARY ELIZABETH STICE
 ELIZABETH COVERT STIVEN
 MARY REBECCA STONE
 JESSIE ANNE STRANG
 HELEN CALDWELL STULL, with Honors
 in Spanish

CLARICE VIVIAN SWINFORD
 JOHN TARWAIN
 MARY FOSTER TEMPLE
 LORENS HANSEN THAISEN
 JUDSON ALBERT TIMM
 CARL B TINGLEY
 SUSAN TOWNSEND
 HOWARD OSCAR ULLMAN
 IRWIN CHESSLEY ULLREY, with High
 Honors in Education
 ANTHONY MARTIN VAN DYKE
 ELLEN SOUTHWORTH VAN VLIET
 ALICE JEAN VODAK
 HOWARD EARLE WAITE
 FRANK HANSON WALKER
 WILLIAM EDWARD WALTER
 FRANK JOSEPH WARGA
 AGNES LOUISE WATHALL, with Honors
 in English
 ANNIE LAURA WEBSTER
 FLORENCE MARY WEIR
 BERTHA LUCILE WELCH
 MARY CATHERINE WELCH
 LEROY JOHN WIETZ
 MILTON LEONARD WILLIAMS
 FRAZIER SAMUEL WILLSON
 PAULINE WILSON
 MARVIN ROTCHFORD WINKLER
 FRANK REED WINSOR, JR.
 NAIOMA JANE WORCESTER
 WINIFRED FINETTE WRIGHT
 RITA JEAN WYLIE
 NORMAN ARTHUR ZIEBELL

In Home Economics Education

WINIFRED ELLEN ARMSTRONG
 MARIAN BENBOW
 MARJORIE ANN BOLIN
 LAURA ELLEN GARRISON

ELLA MARY SANDERS
 PEARL SAVILLA SITTER
 NELLIE MAE SPRATT
 DOLOROS MARY STALLARD

In Industrial Education

FARWELL GEORGE BROWN
 HOMER ELLIS DREMANN

CHARLES MAC FREESE
 EUGENE ALLAN KAFKA

In Music Education

EVELYN GERTRUDE BLOMQUIST
 LORENA MARIE ELIZABETH BRUNE
 LOIS ELIZABETH CAMPBELL
 GEORGIA JUANITA CLAPP
 THELMA RUTH GRAF
 AVIS MAURINE HERTZ

MARGARET LOUISE MALLATT, with
 High Honors in Education
 MARGRETHA RASMUSSEN
 ANNA ROSE SOLOMON
 MARTHA ELIZABETH SWISEGOOD
 V VERNETTE WHITE

In Physical Education

THORTON KENNETH AUWATER
 CARL HENRY BERGESON
 JAMES EARL COZZENS
 PHILIP WILLIAM ENGVALL
 ARTHUR HENRY FRANCK
 MILTON HAMME GOTWALT
 CHARLES WILLIAM HACKENSMITH
 SULO JOHN HERRALA

CLIFFORD GARFIELD HORTON
 ALLIE ROY MORRISON
 PALMER O MUHL
 ROBERT EDGAR PADGETT
 GEORGE REGINALD PAINE
 JAMES ALBERT PATERSON
 ARNOLD EMIL WOLGAST

SCHOOL OF JOURNALISM

Degree of Bachelor of Science in Journalism

CARL WILLIAM ANDERSON	JACK MACDONALD
HAZEL MILDRED CANNON	M MARION MARBERRY
MABEL EDNA CHAPPELLE	ALAN BOECKEN PRIESTER
PAUL EUGENE COURTNEY	DOROTHY ROSEN
EDITH KATHRYN DOUGLAS	WARD KERMIT SCHORI, with Honors
JAMES SMITH FLAGG	HELEN FRANCES SPAULDING, with Honors
LOUANE FORD	GERTRUDE FERN STANTON, with High Honors
CHARLES ROBERT FREDERICK, with High Honors	MILDRED CECILE STEIN
PAUL MAURICE GUERNSEY	WALTER LINDSAY STEWART
EUGENE ANDREW HACKETT	THOMAS ADAIR WATSON
CHARLES ARTHUR HEMMINGER	ALBERT MAURICE WHARFIELD
FRANCES ALICE HICKMAN	ANNABELLE WOODS
ELIZABETH EVANS HINCKLE	IRWIN WILLIAM ZEIGER
LEANORE OLA KENNEY	
PHILIP ROY MCKOWN	

Commissions as Lieutenants, Officers' Reserve Corps,
United States Army, and as Brevet Captains,
Illinois National Guard

JOHN ROBERT ALEXANDER	CHARLES ARTHUR HUEBNER
GLENN LINCOLN ANDERSON	FRED HUMBERT
CLYDE JOSEPH BALDWIN	WILBUR CLARK ISEMINGER
ARTHUR LEE BARRETT	HAROLD SNODDY JESTER
CHRISTOPHER COLUMBUS BAUMANN	RALPH KENETH JOHNSON
KENNETH EDWARD BISSHOPP	CHARLES FRANCIS KING
RAYMOND GEORGE BLACK	NEIL GEORGE KINGSNORTH
WILLIAM WOODRUFF BLAND	RUSSELL EMERY LAMOREUX
ELLIS VINCENT BROWN	WILLIAM CURTIS LANE
RAYMOND PAUL BRUHNKE	EDWIN JOHN LAWSON, JR.
LOUIS FLORETH BUNTE	HERBERT RICHARD LISSNER
JOHN OLIN CAMPBELL, JR.	PARKER CHESTERFIELD LIVINGSTON
PAUL ANKER CHRISTENSEN	FAY EMMITT MCATEE
WILL LANGSHAW CLEGG	GEORGE DOWNEY MATTHEWS
HAROLD WAYNE COLE	XAVIER CHARLES MEYER
ELBERT BOWMAN COLLINS	JOHN B MILLER
EDWARD WALTER COMINGS	CARROL VANDAVEER MILLS
JOHN V COOMBE	THOMAS CHARLES MOERS
WILLIAM HENRY CROOK	RICHARD LEIGH MOORE
WILLIAM LESTER CUPPLES	GEORGE WASHINGTON MURISON
HAROLD KINGSLEY DICKINSON	WALTER RUSSELL NELSON
RALPH UPHAM DODGE	RALPH JONAS ORNER
LOWELL A DOLLAHAN	HAROLD GEORGE PAINE
WILLIAM RICHARD DONIGAN	RICHARD MILO PALMER
GEORGE LOUIS DUWE	HAL CUSHMAN PATTISON
HARLAN GRANT FAIRCHILD	LEO PELLER
LEONARD VICTOR FINDER	LYNN WILSON PINE
JOHN PIERRE FIXMER	JOSEPH FRANK PROLA
JOHN JACOB FLORETH	ALOIS JOSEPH RACK
ARTHUR HENRY FRANCK	LUTHER GRIMM RAMER
CHARLES ROBERT FREDERICK	EDWARD FRANKLIN REAM
WILLARD WILSON FULLERTON	EDWARD LEONARD REITER
WESLEY CARTER GAULT	DANIEL FRANCIS ROLL
FRANCIS RALPH GRANT	ERNEST ROSCOE SCHWARM
WILLIAM AUGUST HEINZE	EDWARD THOMAS SCHWENDEMANN
CHESTER ALEXANDER HILL	ROLLIN KENNETH SNETHEN
LAWRENCE WEAVER HOCKADAY	FREDERICK KENNETH SPIECKER
WILLIAM M HONSA	FREDERICK WILLIAM STARK
JACK FARNELL HUDSON	WALTER LINDSAY STEWART

WILLIAM LEWIS TAYLOR
HENRY JULE TEBOW
ROBERT ROWLAND THOMAS, JR.
FRANKLIN HENRY VAN DOREN
FRANK JOHN WADDELL
HOWARD EARLE WAITE
LAWRENCE WARREN

SILAS GUNNELL WEINBERG
LESLIE STEPHEN WELLS
WILLIAM FOSTER WEST, JR.
ALBERT MAURICE WHARFIELD
LEONARD WILTON WINGET
FRANCIS CHESTER WOJTANOWICZ
WALTER WILLIAM ZITZEWITZ

**Commissions as Brevet Captains,
Illinois National Guard**

ABNER CALLAWAY ALLEN
RICHARD MCCREERY BALDWIN
MARION FRANCIS CARLOCK
CHARLES ALVIN DETURK
CHARLES HANSEN

BURTON EVANS JOLLEY
HERMAN HENRY JOST, JR.
ALBERT ISADORE SCHNEIDER
JAY STEWARD SEELEY
RICHARD SHAPIRO

GRADUATE SCHOOL

Degree of Master of Arts

In Botany

MARIBEL LOVING, A.B., University of Texas, 1929
MILDRED ELAINE RAGLE, A.B., Colorado College, 1928
EMILIANO F ROLDAN, A.B., B.S., M.S., University of the Philippines, 1919, 1922,
1923
GLEN SPELMAN WINTERRINGER, A.B., Illinois College, 1929

In Classics

JIM ISBELL, A.B., University of Arkansas, 1929
INEZ GOLDIA LOUGH, A.B., Franklin College, 1924
MARY MARGARET MORROW, A.B., Eureka College, 1929
KATHARINE SYBIL TUBBS, A.B., Bates College, 1928

In Economics

LEON ARTHUR BOSCH, A.B., Hope College, 1929
MILTON MONROE BROEKER, A.B., North Central College, 1929
ERNEST JOHN ENGQUIST, JR., A.B., Lawrence College, 1929

In Education

MYRA MILDRED BAUER, B.S., 1928
WILLIARD BRANNAN CANOPY, B.Ed., Illinois State Normal University, 1920
WILLIAM ALEXANDER LIGGETT, A.B., 1926
MILDRED MONTGOMERY, A.B., College of Emporia, 1925
AUDREY MIRIAM SUMMERS, A.B., Georgetown College, 1929

In English

ROBERT EUGENE ALLEN, A.B., DePauw University, 1926
LINDA MATILDA BERNHART, A.B., Rockford College, 1927
EUGENE EUGENE CHARLES, A.B., 1928
MABEL DEERE, A.B., 1929
MILDRED AMELIA GREEN, A.B., Illinois Wesleyan University, 1924
ROBERT HENDERSON, A.B., 1928
MARGARET PLOWMAN MCGLOTHLIN, A.B., 1929
ROBERT BORGIA ORLOVICH, A.B., 1929
ETHEL PARR, A.B., 1926
RUBY VENA PATTERSON, A.B., Hedding College, 1913
MARY EVA PEIRCE, A.B., Eureka College, 1929
RUTH HANNA ROSS, A.B., 1926
MAGDALENE IMOGENE RUFF, A.B., Illinois Woman's College, 1929
ELIZABETH JOSEPHINE SAWDEY, A.B., Rockford College, 1927
EDGAR ALAN SHOAFF, A.B., 1929

MYRTLE ELIZABETH TRAVIS, A.B., Bradley Polytechnic Institute, 1926
 OLGA MARIE VANEK, A.B., 1928
 HOWARD DEFOREST WIDGER, A.B., Yale University, 1910

In Geology

ALMYRA FRANCES DAMEIER, A.B., 1929

In German

MARGARET HELMAN, A.B., University of Missouri, 1928
 FRITZ MOORE, A.B., University of Akron, 1927
 SISTER MARY CALLISTA CAMPION, A.B., DePaul University, 1922

In History

JAMES ELLIOT ACREE, A.B., DePauw University, 1929
 WARREN RAY ALLBEE, Ph.B., University of Chicago, 1929
 WALTER GEORGE CIOLECK, A.B., Beloit College, 1928
 MILES WILLIAM DUNNINGTON, A.B., 1929
 ESTHER VIOLA EMMA GERHOLD, B.S., 1928
 JOHN SHERMAN KENYON, B.S., 1925
 ALMONT LINDSEY, B.S., Knox College, 1928
 RUTH ESTHER PARSONS, A.B., Albion College, 1929
 ELIZABETH BERTHA PECKENPAUGH, A.B., 1926
 GENEVIE BLANKENSHIP PICKNELL, A.B., 1926
 CAMILLA WOOD, A.B., Northwestern University, 1922
 SUSIE HARRIETT WOOD, B.S., 1927
 RUTH CLEWORTH YOUNG, A.B., 1925
 BURTON WORK YOUNT, B.S., 1929

In Home Economics

RACHEL CATHERINE DAVIS, A.B., Ohio State University, 1928
 CATHERINE M MACLAREN, A.B., Lawrence College, 1928

In Library Science

MARY LOIS CROUCH, A.B., Morningside College, 1916
 ELSIE DEANE SULLENS, A.B., Goucher College, 1923
 BARCUS TICHENOR, A.B., Butler University, 1910

In Mathematics

JOSEPHINE HUGHES CHANLER, A.B., Western Kentucky Teachers College, 1927
 LOIS ARLINE ENGLE, B.S., Huron College, 1929
 ESTELLE GERTRUDE HANSEN, B.Ed., State Normal School, Milwaukee, Wisconsin,
 1928
 HENRY ARTHUR HANSON, A.B., Wittenberg College, 1917
 RUTH MAURINE JOHNSON, A.B., James Millikin University, 1929
 HELEN KATHRYN MCCOY, A.B., Carthage College, 1929
 LURA MCKINLEY, A.B., 1922
 ALICE DOROTHY REAM, A.B., Lombard College, 1929
 CECIL BENJAMIN WRIGHT, A.B., Southern Methodist University, 1926

In Philosophy

EDWARD ERIC ANDERSON, A.B., 1929

In Physics

HAROLD Q FULLER, A.B., Wabash College, 1928
 JOHN ROBERT KERRY, A.B., Lake Forest College, 1929

In Physiology

DOMINICK JOSEPH VERDA, A.B., 1928

In Political Science

DORIS ISABELLE CAROTHERS, B.S., Northeast Missouri State Teachers College, 1926
 LINCOLN HSIU CHA, A.B., Boone University, 1922, B.L.S., 1929
 JOHN FRANCIS MILLER, A.B., 1929
 ALDEN LESLIE POWELL, A.B., 1929
 ARSHAG OHAN SARKISSIAN, A.B., Syracuse University, 1929
 CHUNG HSIU TSUI, A.B., 1929

In Psychology

SARAH CATHERINE FERRALL, A.B., 1929
 EMILY HELEN KNIEP, A.B., 1929
 GEORGE THOMAS KYLE, A.B., 1926
 WINONA LOUISE MORGAN, A.B., 1929

In Romance Languages

ROMA WILSON BUTCHART, A.B., Eureka College, 1928
 ELVERA ROSENA GROB, A.B., Greenville College, 1929
 GRACE MADELEINE ISLEY STRETCHER, A.B., 1929
 MARY ELIZABETH WELLS, A.B., Park College, 1929

In Sociology

WENDELL LEE EAST, A.B., 1929
 HAROLD LORAN GEISERT, A.B., 1929

In Zoology

CURTIS JAMES FIRKINS, B.S., 1929
 FLORENCE ANNE HECK, B.S., 1930
 EDWIN TOMLIN, A.B., Illinois College, 1929
 MABEL RUTH WALTER, A.B., North Central College, 1929
 MARGERY WASHBURN, A.B., Reed College, 1928

Degree of Master of Science

In Accountancy

GEORGE BURGER ELLIOTT, B.S., 1928
 WILBUR DEFORREST KNIGHT, B.S., 1929
 HALE LLOYD NEWCOMER, A.B., 1924; B.S., 1925
 HENRY MITCHELL SPACK, B.S., 1929

In Animal Husbandry

WILLIAM WALTER GLAISTER, B.S., University of Durham, England, 1928

In Architecture

HERSCHEL GUSTAVE ANDERSON ELARTH, B.S., 1929
 GRANVILLE SPEAR KEITH, B.S., 1927
 GEORGE HERBERT DAVID RECHER, B.S., 1929

In Botany

FRANCES BERNICE COTTRELL, A.B., 1928
 SETH JUDSON EWER, B.S., Massachusetts Agricultural College, 1928

In Business Organization and Operation

FRED MITCHELL JONES, B.S., 1927
 KEITH HESS ROBERTS, B.S., 1927

In Ceramic Engineering

ABDE ALLY, B.S., Alfred University, 1928
 ORA EDWIN MULVANE, B.S., 1928
 CLYDE LOWRY THOMPSON, B.S., 1927

In Chemistry

MARSHALL HERBERT BROWN, B.S., 1928
 CATHERINE CAROLINE BUHRMESTER, B.S., 1923
 LEWIS WILLIAM BUTZ, B.S., University of Pennsylvania, 1927
 KENNETH EDWIN CORRIGAN, B.S., Knox College, 1928
 FRED ALEXANDER DYKINS, B.S., 1929
 VERNAL RICHARD HARDY, B.S., McKendree College, 1928
 WILLIAM FOLEY HENRY, B.S., 1929
 EVA DELL JOHNSON, B.S., Knox College, 1928
 ERVIN CARLETON KLEIDERER, B.S., 1928
 MARTIN HENRY ROEPKE, B.S., Kansas State Agricultural College, 1928
 BERNARD GEORGE SMITH, B.S., Monmouth College, 1929
 HAROLD CARL STRUCK, B.S., 1929
 HAROLD DADFORD WEST, A.B., 1925

In Civil Engineering

ALPHONSE ANTHONY BRIELMAIER, B.S., C.E., Case School of Applied Science,
 1926, 1929
 HENRY LUTHER INTEMANN, B.S., University of Colorado, 1929
 JACOB KAROL, B.S., 1929
 RALPH WENDEL KLUGE, B.S., 1928
 DONALD EDWARD LARSON, B.S., Oregon State Agricultural College, 1928
 MARVEL FRED LINDEMAN, B.S., 1928
 JOSEPH MARIN, B.A.Sc., University of British Columbia, 1928
 JAMES MATHER, B.S., University of Utah, 1928
 ORRIN HENDREN PILKEY, B.S., Texas Agricultural and Mechanical College, 1927
 LAL SINGH, B.S., University of Michigan, 1929

In Dairy Husbandry

CYPRIAN REGINALD AGUSTUS CUNNINGHAM, B.S., 1929
 DEWEY DEWITT SHAW, B.S., Iowa State College, 1924

In Economics

ROBERT HAROLD GOOLD, B.S., 1925
 HERBERT WINDSOR MUMFORD, JR., B.S., 1929
 RANBIR SINGH, B.S., University of California, 1929
 RODNEY WHITAKER, B.S., Oklahoma Agricultural and Mechanical College, 1928

In Education

RAYMOND WAYNE ESWORDY, B.S., 1929
 JEPHTHAH OTIS HATHAWAY, A.B., 1928
 ALFRED WESLEY HEATH, B.S., Bradley Polytechnic Institute, 1923
 BURNIS HERMAN HOSTETTLER, B.Ed., Eastern Illinois State Teachers College, 1929
 CARL C MCCORMICK, B.E., Western Illinois State Teachers College, 1925
 ORAL FRANKLIN PATTERSON, B.S., 1924
 JESSIE RUTH STROUD, B.S., 1926
 EDITH WEBER, B.S., Columbia University, 1916

In Electrical Engineering

LIVA MORGAN CRAFT, B.S., 1929
 HAROLD NATHANIEL HAYWARD, B.S., 1925
 LINUS OTTO HUBBARD, B.S., 1929

In Farm Organization and Management

JOSEPH ACKERMAN, B.S., 1929
 REYNOLDS IRWIN NOWELL, B.S., Agricultural College of Utah, 1928
 SIEGFRIED VON CIRIACY-WANTRUP, Cand. agr. University of Bonn, 1928

In Geology

LYLYAN HILDA BLOCK, A.B., 1926
 SIDNEY EVERETTE EKBLAW, A.B., 1929
 ANNEMARIE ELISABETH KRAUSE, B.S., University of Minnesota, 1928
 CARL LEONARD LARSON, A.B., 1929
 CHARLES DENARD LEE, B.S., 1927
 MABEL ALICE PIETY, B.S., 1928

In Home Economics

HELEN JANE CADE, B.S., 1923
 OLGA JOSEPHINE ZWERMANN, B.S., 1929

In Library Science

JOHN PAUL STONE, B.S., Northwest Missouri State Teachers College, 1926, B.S.
 in L.S., 1929

In Mathematics

LORETTA ROBERTSON, B.S., Greenville College, 1927

In Mechanical Engineering

BERNARD BREAST BETTY, B.E., Vanderbilt University, 1926
 MAURICE KENDALL FAHNESTOCK, B.S., 1924
 PAUL EUGENE MOHN, B.S., Pennsylvania State College, 1922
 HERMAN JULIUS STOEVER, B.S., Purdue University, 1928
 DAVID YEVILEVITCH, B.S., Robert College, 1929

In Physics

MARTIN JOSEPH ARVIN, A.B., Indiana State Normal School, 1926
 FREDERICK WINFIELD BROWN, B.S., 1928
 JOHN JOSEPH GIBBONS, JR., A.B., 1928

In Physiology

LEORA PAULINE KNEER, B.S., Illinois Wesleyan University, 1928

In Railway Engineering

NILES HUTTON BARNARD, B.S., 1928

In Theoretical and Applied Mechanics

STANLEY GILBERT HALL, B.S., University of Maine, 1923

PROFESSIONAL DEGREES IN ENGINEERING

Degree of Civil Engineer

NEREUS HUBERT ROY, B.S., University of Texas, 1920, M.S., 1929
 LORENZ GEORGE STRAUB, B.S., M.S., Ph.D., 1923, 1924, 1927

Degree of Electrical Engineer

LUTHER BUNYAN ARCHER, B.S., University of Texas, 1922, M.S., 1924
 HOWARD HILL SMITH, B.S., 1925

Degree of Mechanical Engineer

PRESTON WIRUM CUMMINGS, B.S., 1911
 WILLIAM JAMES PUTNAM, B.S., M.S., 1910, 1919

Degree of Doctor of Philosophy

In Agronomy

CARL ELMER ROSENQUIST, B.S., M.S., University of Nebraska, 1924, 1926

In Animal Husbandry

EARL WILTON HENDERSON, B.S.A., A.M., University of Missouri, 1921, 1924
FRANK JAMES MCCLURE, B.S., M.S., Purdue University, 1919, 1924

In Bacteriology

ROY HANSEN, B.S., M.S., 1914, 1918

In Botany

ARTHUR DAVID MOINAT, B.S., Colorado State Agricultural College, 1924, M.S.,
Oregon State Agricultural College, 1925
GEORGE MYRON SHEAR, B.S., University of Maryland, 1927, M.S., 1928

In Chemistry

CHESTER WALLACE BENNETT, B.S., 1926, M.S., Northwestern University, 1927
DONALD DRAKE COFFMAN, B.S., 1927, M.S., University of Wisconsin, 1928
MARTIN ELI CUPERY, A.B., Hope College, 1924, M.S., Massachusetts Agricultural
College, 1926
RUTH HUMPHREY ELLIS, A.B., Wellesley College, 1924, A.M., 1928
HORACE BEAVEN GILLESPIE, A.B., Lawrence College, 1925, M.S., 1926
ESTHER MERYL GRIFFITH, A.B., A.M., University of Missouri, 1920, 1923
WILLIAM ABNER NICHOLS, JR., A.B., A.M., Oberlin College, 1925, 1927
LUCY WESTON PICKETT, A.B., A.M., Mount Holyoke College, 1925, 1927
SWANIE SIGUARD ROSSANDER, B.S., Tarkio College, 1924, A.M., 1928
SHIRLEY MONROE TROXEL, B.S., Illinois Wesleyan University, 1926, M.S., 1927

In Classics

AUBREY DILLER, A.B., A.M., University of Nebraska, 1925, 1927

In Dairy Husbandry

PAUL HUBERT TRACY, B.S., M.S., 1920, 1922

In Economics

CARL ELMER ALLEN, B.S., M.S., 1923, 1925
BURRUS SWINFORD DICKINSON, A.B., Eureka College, 1926, A.M., 1928
JAMES PUTNAM GEORGE, B.S., Iowa State College, 1918, M.S., Cornell University,
1925
HENRY GEORGE HENDRICKS, A.B., A.M., University of Texas, 1924, 1925
PETER NELSON, B.S., M.S., Utah Agricultural College, 1920, 1924
JOSEPH RETZ RAMSER, B.S., M.S., 1924, 1925

In Education

STEPHEN MAXWELL COREY, B.S., Eureka College, 1926, A.M., 1927

In English

QUINCY GUY BURRIS, A.B., A.M., 1924, 1927

In History

WINFRED AUDIF HARBISON, A.B., Wabash College, 1924, A.M., 1926
SISTER MARY EVANGELA HENTHORNE, B.V.M., A.B., Catholic University of Amer-
ica, 1916, A.M., Creighton University, 1922, A.M., 1927
VIVIAN KIRKPATRICK MCLARTY, A.B., A.M., 1923, 1924
ALYCE EDYTHE MANGE, A.B., Greenville College, 1926, A.M., 1927
HARRY EDWARD PRATT, B.S., M.S., 1923, 1926
MARY LUCILLE SHAY, A.B., A.M., 1917, 1925

In Mathematics

LEONARD BRISTOW, A.B., Colorado College, 1926, A.M., 1927
ELIZABETH MORGAN COOPER, A.B., Radcliffe College, 1913, A.M., Bryn Mawr Col-
lege, 1923

FRANCES HARSHBARGER, A.B., Grinnell College, 1923, A.M., West Virginia University, 1925

GEORGE WILLIAM STARCHER, A.B., Ohio University, 1926, A.M., 1927

In Physics

LANGFORD TODD BOURLAND, B.S., M.S., 1926, 1928

ALBERT NELSON GUTHRIE, B.S., University of Arizona, 1926, M.S., 1928

In Political Science

GEORGE ADAMS GRAHAM, A.B., Monmouth College, 1926, A.M., 1927

CARL GREEN, B.Ed., Eastern Illinois State Teachers College, 1924, A.M., 1925

IVAN MCKINLEY STONE, A.B., University of Nebraska, 1923, A.M., 1926

CHUNG-CHIN TIEN, A.B., Peking National University, 1923, A.B., University of Washington, 1925, A.M., 1927

HAN TAO WU, M.L., Tokyo Imperial University, 1924

In Romance Languages

McKENDREE PETTY, A.B., University of Vermont, 1916, A.M., Northwestern University, 1923

In Zoology

RUTH ANDERSON, A.B., University of Missouri, 1921, A.M., Columbia University, 1922

SAMUEL CHARLES KENDEIGH, A.B., A.M., Oberlin College, 1926, 1927

COLLEGE OF MEDICINE

Degree of Bachelor of Science

(Conferred June 7, 1930, in Chicago)

KENT ARCHIBALD ALCORN

LESTER WHITE BAIRD

HARRY GREGORY BECKER

DAVID ANDREW BENNETT

HARRY BERMAN

EDWARD CHARLES BERNELL

WILLIAM EDWARD BRETZ

WILLIAM JACKSON COPELAND

JAMES EBERT CRAVENS

EDWIN FREDERICK DIETRICH

WILLIAM CLAY DINE, JR.

SAMUEL IRWIN DITKOWSKY

CLAIRE MAURICE DIXON

RAYMOND FLOWERS DONOVAN

MURRAY SAYLE DUMONT, Ph.G.

GILBERT HAROLD EDWARDS, A.B.

ARTHUR LOYAL ENNIS

DANIEL FEIMAN

HOWARD ALBERT FINNEY

GEORGE HERMAN FLEISCHLI

ANDREW GALLOWAY

JOHN HAMILTON GILMORE

EPHRAIM FRANK GOODMAN

LEO JACK GREENBURG

MILTON HANDELMAN

IRVING MAURICE HARTER

RUDOLPH HECHT

BENJAMIN HIGHMAN, with Honors

HAROLD MACK HOOVER

PAUL HURWITZ

RUNYON HUNGATE IRVIN

DAVID SMEATON JAFFRAY

CLARENCE FRANCIS KELLY

ELMER JOSEPH KOCOUR

EMANUEL ALOYSIUS JOSEPH KOMINIK

HARRY KOTLER

JOHN ALBERT LAYMAN, A.B.

SAMUEL SHELDON LEAVITT

ABRAHAM LEFF

JOHN ALFRED LEGIER

DAVID LERNER

DAVID LEONARD LERNER

ARTHUR HARRY LEVINE

BEN WILLIAM LICHTENSTEIN

MAY BOYD McQUEEN

ALFRED KARL MEYER

D SIDNEY MILLER

JOSEPH SAMUEL MILLER

BURTIS EDGAR MONTGOMERY, B.S., with Honors

MILTON MITCHELL MOSKO

ALFRED HENRY MOVIUS, JR.

ARTHUR C NEESEMAN

THEODORE JULIUS NERRIM, A.B.

ROBERT HENRY NEWELL

ISADORE MAURICE NIMSOVITZ

JOHN TODD REYNOLDS, with Honors

PAUL MONTEL RICE

ARNOLD ELMER FREDERICK RITT

GEORGE RONSTROM

MARTIN ROSENTHAL

HARRY EDWARD RYAN

WILLIAM FRANK SAYLE
 AMBROSE DANIEL SCHNEIDER
 ARTHUR HENRY SCHUMACHER
 ARTHUR SCHWARTZ
 NORMAN MORRISON SHURE
 JOSEPH STAGMAN
 ISADORE ELIHU STECK
 LOUIS MARK STEINER
 CARL SUGAR
 CECIL EARL TATE
 EDGAR ABNEY THACKER, A.B.
 ISADORE TUROWETZKY

ISADORE C UDESKY
 FRANK RUDOLPH URBAN
 HARLEY ROOSEVELT VARNEY
 JOHN WILLIAM WALL
 LAVERNE MYRON WALLHEISER
 WILLIAM HESTER WALTON, Ph.B.
 JOHN CAMPBELL WASHINGTON
 LOUIS SOL WEINBERG
 LORIN DIXON WHITTAKER, A.B.
 FINIS ELLSWORTH WILSON
 ROBERT BRUCE WILSON
 ADELBERT EARNEST WUESTEMAN, B.S.

Certificate in Medicine

ORVILLE LINDSAY ABBOTT, B.S.
 KENT ARCHIBALD ALCORN
 ROBERT HOWARD ALLISON
 DOROTHY JESSIE ARENZ, B.S.
 DAVID MERTON BANEN, B.S.
 WALTER EARL BARTON, B.S.
 JEWELL LEE BASS, B.S.
 ALBERT ALAN BEST
 PAUL VERCO BRINLEY, B.S.
 MARTIN VAN BROWN, B.E.
 BEHLE BASIL BURNS, B.S.
 WILLIAM TRACY BURTON, A.B.
 EUGENE SPENCER BUSBY, B.S.
 ALVIN HOWARD CLARK, B.S.
 ROGER BRANDT COGLON, B.S.A.
 IRVING DREYER, B.S.
 HENRY WILLIAM EGGERS, B.S.
 BENJAMIN EISENBERG
 MILTON WILLIAM EISENSTEIN, B.S.
 NATHAN EPSTEIN, B.S.
 EUGENE ISADORE FALSTEIN, B.S.
 JEROME GORDON FINDER, A.B., B.S.
 CHARLES FINKELSTEIN, B.S.
 NICHOLAS FRANCONA, B.S.
 BERNARD FRAZIN, B.S.
 LEO GAMBERG
 ELMER DELOSS GAY, B.S.
 JACOB BENJAMIN GIER, B.S.
 OTIS BERYL GLTNER, B.S.
 WILLIAM EVERETT GLASS, B.S.
 JAMES EDWARD GRAHAM, B.S.
 HARRY GREENSTEIN, B.S.
 FREEMAN CURTIS HARRIS
 ROBERT BEGG HEMPHILL
 HERMAN STEWART HENDRICKSON, B.S.
 FORD KIMMEL HICK, B.S., with Honors
 ALBERT DABNEY HURT, B.S.
 GEORGE ALBERT INGRISH, B.S.
 DAN DE WITT JAMISON
 JOSEPH JANOFKY, B.S.
 ALBERT HERBERT JENKINS, B.S.
 ESTHER CONCORDIA JOHNSON, B.S.
 LOUIS DAVID JOSEPH
 FRANK BURT KAISERMAN, B.S.
 SOL STEIN KAUFMAN, A.B., B.S.
 IRVING EDWARD KAVENEY, B.S.
 ROBERT DANA KNAPP, B.S.
 LYLE BURNSIDE KNIGHT, A.B.

NOAH MEYER KOENIGSBERG, B.S.
 SAMUEL H KRAINES, B.S.
 DAVID HERMAN LANDO, B.S.
 ALBERT HERMAN LAZERE, A.B.
 LEONARD OWEN LEADER, B.S.
 LEO ADRIAN LEE
 SAMUEL LEVINE
 LOUIS ROBERT LIMARZI, B.S.
 HUGO LONG
 EARL MATTHEW LUSTGARTEN, A.B.
 DICK CAUTHEN MCCOOL, JR., B.S.
 LYNN POPE MCGOLDRICK
 ROBERT GLEN MCMILLAN
 CHARLES ANDREW MACK, B.S.
 WILFORD JOHN MASON, A.B.
 JACK GREENE MEARNS, A.B., B.S.
 SIDNEY DAVID MESIROW, B.S.
 CHARLES HIMES METZEL, A.B.
 WILLIAM EDWARD MILLER, A.B., B.S.
 JAMES WILBUR MORELAND
 LAWRENCE JOSEPH MURPHY, B.S.
 VIRGIL LEROY MURPHY
 O HAROLD MUUS, A.B., B.S.
 JULIAN ANTHONY OSSMAN, B.S.
 LOUIS PHILLIPS
 FRANK JOSEPH PISZKIEWICZ, B.S.
 ALFRED GEORGE RICE, B.S.
 DWIGHT WILLIAM RIFE, B.S.
 ROY OTIS RISER, B.S.
 NAHUM L ROBBIN, B.S.
 JAMES J RODGERS, B.S.
 ROBERT RODIN, B.S.
 PERRY W ROSS, Ph.G.
 MAX RULNEY, B.S.
 HERMAN ALBERT SACKS, B.S.
 MARTIN HENRY SEIFERT, Ph.G., B.S.
 GUY EMIL SEYMOUR, A.B., B.S.
 LOUIS WILLARD SHABAT, B.S.
 SAMUEL SHAPIRO
 GEORGE SHROPSHEAR, B.S.
 HENRY ABRAHAM SIEGAL, B.S.
 IRVING SIEGEL, B.S.
 ABRAHAM SIMON, B.S.
 JACK D SINGER, B.S.
 BERNARD ISAAC SKORODIN, B.S.
 FREDERICK STEIGMANN, B.S.
 D LOUIS STEINBERG, B.S.
 JOHN WAYNE STEVENS, B.S.

WILLIAM THOMAS STICKLEY	LOUIS STEPHEN VARZINO, B.S.
PETER STROFS, B.S.	GEORGE HEYWOOD VERNON, JR., A.B., B.S.
CLIFFORD PATRICK SULLIVAN, B.S.	HENRY EUGENE VOGEL, A.B.
JAMES SHERWOOD TAYLOR, B.S.	DAVID WAGNER, A.B.
JANET CAMPBELL THAYER, B.S.	CHARLES MORSE WEINBERG, B.S.
PHILIP THOREK, B.S.	BEN IDE WEININGER, B.S.
JOSEPH S TSCHETTER	CHARLES P WHALEN, B.S.
BENJAMIN EDWARD TWITCHELL, A.B., B.S.	IRVING WOLINSKY, B.S.
FRANCIS JAMES PATRICK TWOHEY, B.S.	WALDO WAITE WYNEKOOP, B.S.
MARTIN JEROME URIST	MAURICE L YOUNG, B.S.

COLLEGE OF DENTISTRY

Degree of Bachelor of Science

(Conferred June 7, 1930, in Chicago)

HENRY GAMBALE CERULLI	SUREN MANOOG SERON
PETER PAUL IAGMIN	ALFRED EDWARD TOBIASZ
ALEXANDER MORELLENBAUM	

Degree of Doctor of Dental Surgery

CARL A ANDERSON	EINAR HOLAND
HERMAN MILLARD ANDERSON, A.B., B.S.	JOHN JAMES HOLUB, JR.
PAUL BRIAN BASS, Ph.G.	LOUIS LIONEL HOLZMAN
STANLEY WARNER BECKER	JOSEPH ALOYSIUS KAJA
DAVID SLOTKIN BELINOFF	RALPH LOUIS KANE
CHARLES MATHEW BUCKMAN	BEULAH GRATTAN NELSON, A.B., B.S.
EDWARD DASHUT	HARRY HARVEY PITLUCK
THOMAS LUCIEN DE VITO	OLGA IRENE TOBIASZ, B.S.
LOUIS M GARFINKLE	ROBERT FRED WALDBERG
RENATTO MICHAEL GERMANO	THADDEUS VICTOR WECLEWSKI
WILLIAM RICHARD GUBBINS	LYNN CARTER WILKINSON
MORTON MAX HERZON, B.S.	PETER ANTON WLODKOWSKI
MAYNARD KIPLINGER HINE	JAMES JOSEPH YARBER
FLOYD JOHN HIRTH	JACK MICHAEL ZICK

SCHOOL OF PHARMACY

Degree of Pharmaceutical Chemist

(Conferred June 7, 1930, in Chicago)

SIDNEY ACKERMAN	JOSEPH EDWARD DOYLE
RAYMOND SIGFRID ADAMSON	HENRY CHRISTIAN DRECHSLER
HENRY W ANDRZELCZYK	WILLIAM DUZANSKY
CELIA ARNOLD	ROGER URBAN EHRHART
DOMINIC ARTHUR AVALLONE	MARTIN EPSTEIN
DANTE ROSARIO BARONE	DOMINIC ESPOSITO
DOROTHY ELIZABETH BATES	ERNEST THEODORE FAIGLE
GEORGE WILLIAM BOLJESIK	FRANKLIN JAMES FETHERSTON
DAVID BOSTIC	ABRAHAM DAVID FINKEL
LEROY J BOWERS	HARRY ARTHUR FITZEL
BERNARD BENJAMIN BRODY	WALTER HARVEY FORNEY
GERSTON BRUCH	JOSEPH FRANKLIN
BESSIE FILOMENA BURDA	STANLEY JOHN GARMUS
JACOB J BRUNSTEIN	JOSEPH GENTILE
RALPH ALLEN CARPENTER	NATHAN GOLAND
CHARLES CERNY	BARNEY GOLDBERG
IRVING EDWARD COHEN	MORTON RAY GOLDBERG
JOHN GEERS COLLINS	HERMAN GOLDENSON
WILLIAM ROBERT COLLINS	JACK HAROLD GORDON
VASO CHELOVICH	SIDNEY MILTON GORDON
JOHN PETER DEGROOT	ALFRED ROBERT GOSLIN
RAYMOND ALFRED DOBIN	WILLIAM J C GRUEBLING
RICHARD CARVEL DODGE	JOHN JOSEPH HARLACHER

ERWIN HASSEN
 JAMES PAUL HOFT
 ELBERT HAROLD INHOFF
 JULIUS IRVING KAHN
 KALMAN KADISH
 EDWARD WACLAW KAMINSKI
 DAVID KAPLAN
 SOL P KAPLOVITZ
 JACOB KASS
 FRANCIS JOSEPH KAVENEY
 EDWARD FRANCIS KEATING
 WALTER ANDREW KRAMARCZYK
 MARVIN HENRY KRUEGER
 HERBERT JOHN LACEY
 CHARLES BACH LAEGELER
 LESTER LAEGELER
 DAVID HARRY LEVENSON
 JACOB LIBERMAN
 GLENN A LONG
 JOSEFINA LUPIAN
 PAUL HAROLD LIPSCHUTZ
 THOMAS SIDNEY MCCLINTOCK
 ROBERT MANNABERG
 BENJAMIN MARCOFF
 KATE ALLISON MATHEWS
 JOSEPH SAMUEL MEILACH
 MORRIS M MENDELSON
 EDWARD EDMUND MIASTOWSKI
 CARL WESLEY MILLER
 ROBERT HARRY NITZBERG
 ANTHONY JOHN OKONSKI
 JOSEPH A PATKES
 JOSEPH A PERDENZA
 HERSHEL PICKER
 HOWARD FRANCIS PIPPENGER

GEORGE JOSEPH PLESHAR
 EDWARD FRANCIS PINTA
 IRVING G REISLER
 LOUIS WILLIAM REZABEK
 JULIUS A RITT
 PHILIP RITZLIN
 IRVING ROTH
 EDWARD IRVING SAGER
 CHESTER BENJAMIN SAMMONS
 BERNARD SAX
 LOUIS ANTHONY SCHEFFEL, JR.
 JOSEPH A SCHNEIDER
 CALVIN LAMAR SMITH
 FRANK ANTHONY SOJAT
 REUBEN A SONSHINE
 LEO STANGLE
 FRANCES STARULIS
 HOWARD G STEPHENS
 MICHAEL TANNY
 LOUIS SAMUEL TEITELBAUM
 IRWIN STANLEY THORNTON
 VICTOR TRISCINZZI
 WILLIAM TRUHFART
 FRANK TEPPER
 HARRY E WALLACE, JR.
 JOHN WARNING
 MAX WAYTZ
 ISADORE WEINBERG
 WILLIAM HARRY WEINSTEIN
 PAUL WEISSMAN
 VERA IRENE WILSON
 YOLAND BARTAS WILSON
 EMIL FRANK ZAVREL
 MORRIS ZFANEY
 PHILIP ZIMAN

(As of the Class of 1929)

FRANK NICK DIGILIO
 JOSEPH EDWIN FAINGOLD
 SAMUEL L FLOREST

THORKILD NORDBY HANSEN
 MORRIS LANG
 ERNEST NACHTMAN

Certificate in Pharmacy

MILTON IRVING BALCHOFSKY
 LOUIS GDALMAN
 SOLOMON GERSHON

ADOLPH KATRA
 ALBERT ROSENBERG
 SAMUEL TAYLOR

GRADUATE SCHOOL

Degree of Master of Science

In Bacteriology

JEROME GORDON FINDER, A.B., 1926, B.S., 1928
 BURTIS EDGAR MONTGOMERY, B.S., McKendree College, 1922
 JANET CAMPBELL THAYER, B.S., 1924

In Pathology

WILLIAM SCLAIR BOIKAN, B.S., 1925, M.D., 1927
 JOSEPH CYRUS REINGOLD, B.S., 1927

In Pharmacology

HENRY WILLIAM EGGERS, B.S., 1928

In Oral Surgery

ELI OLECH, D.D.S., 1923

APPOINTMENTS MADE BY PRESIDENT KINLEY

The Secretary presented also for record a list of appointments made by the President of the University.

Alexander, H. W., Assistant in Ceramic Engineering, in the College of Engineering, for ten months beginning September 1, 1930, at a cash compensation at the rate of one hundred and eighty dollars (\$180) a month. (June 17, 1930)¹

Bliss, Horace H., to give instruction in Chemistry in the Summer Session of 1930, on one-half time, beginning June 16 and ending August 9, 1930, at a cash compensation of one hundred twenty-five dollars (\$125) for the session. (June 13, 1930)

Doty, J. R., Special Research Assistant in Chemistry, on one-half time, for twelve months beginning June 15, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month (to be absent without pay from August 15 to September 15, 1930). (June 17, 1930)

Giesecke, Minnie, to give instruction in Education in the Summer Session of 1930, on two-thirds time, beginning July 1, and ending August 9, 1930, at a cash compensation of one hundred thirty-three dollars and thirty-three cents (\$133.33) for the session. (June 19, 1930)

Gribben, Hugh John, Special Research Graduate Assistant in Chemical Engineering, in the Engineering Experiment Station, College of Engineering, for ten months beginning September 1, 1930, at a cash compensation at the rate of eighty dollars (\$80) a month. (June 17, 1930)

Hayden, Henrietta S., Special Research Assistant in the Department of Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of eighty dollars (\$80) a month. (June 17, 1930)

King, Ameda Ruth, to give instruction in History in the Summer Session of 1930, on two-thirds time, beginning June 16 and ending August 9, 1930, at a cash compensation of one hundred eighty-eight dollars and eighty-eight cents (\$188.88) for the session. (June 19, 1930)

Kluge, Ralph Wendell, Instructor in Civil Engineering, in the College of Engineering, for ten months beginning September 1, 1930, at a cash compensation at the rate of two hundred and ten dollars (\$210) a month. (June 17, 1930)

Murphy, Glenn, Special Research Graduate Assistant in Civil Engineering, in the Engineering Experiment Station, College of Engineering, for ten months beginning September 1, 1930, at a cash compensation at the rate of sixty dollars (\$60) a month. (June 17, 1930)

Stamatoff, G. S., Special Research Assistant in the Department of Chemistry, on one-half time, for ten months beginning September 1, 1930, at a cash compensation at the rate of seventy-five dollars (\$75) a month. (June 17, 1930)

Wilson, Harold Kenneth, Special Research Assistant in Dairy Husbandry, in the Agricultural Experiment Station, on three-fifths time, for one year beginning June 1, 1930, at a cash compensation at the rate of eighty-three dollars and thirty-three cents (\$83.33) a month. (June 14, 1930)

The Executive Committee adjourned.

H. E. CUNNINGHAM
Clerk

GEORGE A. BARR, *Chairman*
LAURA B. EVANS

¹The date in parenthesis is the date on which the appointment was made by the President of the University.

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