

ALUMNI NEWS



UNIVERSITY OF MINNESOTA

ALUMNI NEWS

(Our 59th Year)

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Cover Story

The dramatic cover photo shows physics assistants filling a plastic balloon preparatory to launching it in the never-ending probe of



outer space. University physicists, headed by Dr. Edward Ney, Dr. John R. Winckler and Phyllis Freier, have spearheaded the assault on the problems of space and through their experiments have discovered new phenomena which may prevent man

from venturing beyond the moon. Their invaluable discoveries have added immeasurably to the knowledge of the problems our first space traveler might encounter. The National Science Foundation has granted them \$350,000 for a 13-month program of continuous balloon monitoring and the National Aeronautics and Space Administration has given them \$70,000 for investigation of cosmic rays. For the story of how the University is aiding in this program, see page 12. (General Mills photo)

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"Nuff Sed"

Mr. Haislet:

Your letter regarding joining the University Alumni Association and news regarding the reunion of the Class of 1910 is here. It just happens that my membership card of last year is dated Jan. 23. This happens to be my birthday and I'll be 79 on that date. So it is possible that this will be my last five-year reunion. So I enclose a check of \$4, the reduced fee. I expect to be there with my wife who is also a 1910 graduate (Nee Julia A. Rossi), and seven years younger than I.

I am the older member of a family of 10 so had to work my way through both preparatory school and college. Part of the time I carried four jobs which included an assistantship in the psychology department and one in the physics department. I took two years work in mechanical engineering, 1½ in S.L.A. and a half-year in the College of Education. I also took work in the College of Agriculture.

Tough? Yes, but I had an excess of 26 semester credits and I had a job when I left school.

No one wanted engineers in those days. Work in those four colleges would not have been possible had they not all been at the University proper. I don't like the idea of breaking up such a good combination.

Nuff sed.

George O. Brohaugh '10BAED
St. Cloud, Minn.

RE: Hospitals

Editor:

I read with great interest in the December issue the moving story of the University of Minnesota Hospitals by Phyllis Wiegand and especially the chapter involving the Variety Club Heart Hospital . . .

Missing in this story I found the fact that the American Legion, Department of Minnesota, raised \$500,000 for a research professorship at this fine hospital, which for

several years was a major project and effort by the men and women of the American Legion and its fine Auxiliary.

Hans Kruger
St. James, Minn.

We Lost

Editor:

As I write this note in Brazil on November 14, the Minnesota-Purdue game is being played, if it goes on schedule. I would like to be there to watch it but won't even know the outcome for from one to three weeks.

I would also have liked to attend the Pre-Game Luncheon, remembering the enjoyable time we had at a luncheon at Purdue the last time that Minnesota played there.

I have been in Brazil on an agricultural education program since September, 1958, but expect to get back to Purdue in time to see some football games in the fall of 1960.

Lynn Robertson '14BSAg
Chief of Party
Purdue-Brazil Program

Uncle!!

Editor:

This communication refers to the article in the November number of the *News* entitled *Northrop Field Becomes a Memory*, a most interesting article to an old grad, but Mr. Wagner is off on his dates.

Doc Williams did not come to Minnesota until 1900. I enrolled in the law class at the University in the fall of 1899. At that time Henry Alexander Scandrett, Law 1900, was captain of the football team. The football field was adjacent or near the old West Hotel. I remember attending my first game at the University at this field, a game against Ames which we won by a narrow margin. The Northrop Field was dedicated in the fall of 1900 and I remember being one of those who felt a personal interest, having helped to nail boards on the surrounding fence.

Louis A. Dyar '03LLB

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Which Reminds Us . . .

Folwell Hall, Campus Patriarch

William Watts Folwell



There are few who remember Old Main when it was heated with 43 wood-burning stoves — or when its fifth floor provided living quarters for students at \$3 per term including stove, bookcase, mattress, bedstead, washstand, table and chairs — or when there were no Monday classes because Dr. Folwell “feared the dilatory might be tempted to violate the Sabbath with attention to secular matters.” But all alumni of the University from the year 1907 remember “New Main,” or Folwell Hall.

Since 1858 Old Main, in addition to living quarters, had served as headquarters for all functions of the University — administrative offices, classrooms, Regents’ meetings, library, chapel, theater and student union. Three times fire threatened to destroy the building, but damages were repaired. The fourth succeeded.

In 1907, with \$65,000 from insurance and \$350,000 from the state legislature, “New Main” became a reality.

Many will remember the controversy over the naming of so-important a building. Cyrus Northrop, the beloved president of the time, was the name on the lips of the current students. Here the alumni stepped in.

“To name the new building Northrop Hall would deprive a man whom students and alumni love and respect, of an honor that is justly his,” wrote a correspondent to the *Alumni Weekly*.

Editorially the *Weekly* wrote: “There seems to be a peculiar fitness in thus honoring the first president — Dr. Folwell — a name associated with the beginnings of the University — his work a most thankless task, but done with wisdom and fidelity that deserves some signal recognition.”

The community, the city newspapers, the students and other alumni joined in influencing the Regents to name “New Main” Folwell Hall. At the dedication ceremony, Dr. Northrop said, “A fitting tribute to a man so largely instrumental in making the Minnesota educational system what it is today.”

William Watts Folwell had served as president of the University from 1869 until 1883. He had remained on the campus as a professor in political economy and as librarian until 1906. Students even as late as 1929 remember that trim, alert figure crossing the campus on his way to his office in the Library Building. He spent those years writing his famous four-volume *History of Minnesota*.

A plaque in his honor, placed in the entrance of Folwell Hall by the Alumni Association, expresses the feelings of those who knew him:

“Dr. Folwell organized the University upon lines broad and far-reaching. He guided it through the pioneer period — left his ineffaceable impression upon the institution which he served so well for 38 years — a faithful servant to the public.”

In the fall of 1907 the doors of Folwell Hall were opened to classes. Students and faculty were im-

ALUMNI NEWS

Then . . . And Now

The ashes of "Old Main" gave birth to the individuality of Folwell Hall, the "New Main" of 1907

pressed with the size of the building, the largest on the campus.

It housed not only all the classrooms for English, mathematics, foreign languages and history, the postoffice, study rooms both for men and women, the alumni office, but also that of the president, deans and assistant deans, and still allowed space for each faculty member to have his own private office.

The smell of fresh varnish, plaster and cement greeted the 3,307 students who met for classes that first day. The clean, varnished surfaces of the arm chairs temporarily restrained the initiallers and doodlers. No "No Smoking" signs adorned the walls. To President Northrop — who enjoyed his pipe by his own fireside but had forbidden smoking on campus grounds — smoking in classrooms was unthinkable.

The Italian marble on the walls of the first floor hall, now unnoticed, was conspicuous because it had almost been eliminated by the Regents in their struggle to keep costs within the budget.

The outside of the building represented individuality, as it does today. At this time it was the policy of the Regents to make every building on the campus different. Pillsbury, Nicholson, Jones and Shevlin Halls, Mechanic Arts and the Library bear mute testimony to this fact.

From the time architect Cass Gilbert was called on for a new plan of expansion, building plans have followed the same pattern — red brick, straight lines, etc. The Chemistry Building was the first to be built under this plan. Older alumni will remember that the west side of the campus from Nicholson and Pillsbury Halls was



BUILT TO REPLACE the first building on campus, Folwell Hall has remained unchanged.

a residential area. Sidewalk supervisors, both students and faculty, watched with interest the removal of the homes, one by one, to make room for the Mall and the new campus.

Folwell Hall has not changed since 1907. The treads of the stairs are worn thinner, the furniture is now receiving a new blond finish, the outside walls have had a face-washing and the traditional ivy has been removed to cut maintenance costs. But the Italian marble, the tiled floors, the oak woodwork and the facades over the doors have remained the same.

The administrative offices, the private faculty rooms, mathematics and history have moved on to other buildings to make room for more students in more classes in English

composition, literature and languages.

Folwell Hall, built to replace the first building on the campus and named for the first president of the University, has become the first introduction to the University for practically every one of the more than one-third million students whom T. E. Pettengill, recorder, estimates have entered the University.

Time has proven the accuracy of the alumni's name for "New Main." Just as that building stands for the academic life of the campus, so does Northrop Memorial Auditorium stand for the cultural life of the campus — both typical of the men for whom they were named, of equal importance, but entirely different in personality.

**The original Italian marble
walls still welcome incoming
freshmen with a warmth
kindled by more than 50 years**

Memo

TO Members of the Association

FROM The Executive Secretary

SUBJECT Is Decentralization of the University Ahead?

The University of Minnesota is one of the distinguished and productive universities of the country. It has attained its position of distinction and greatness because of certain reasons.

First, because provision for a state university to provide good education for all the youth of the State was written into the Territorial Charter and State Constitution. It was the recognition by the early settlers that the growth of the State was bound inexorably to the growth and development of a state university. It provided from the beginning then, the kind of a climate that is needed for the development of a great state university.

Second, the recognition by the early lawmakers that a university, to grow and develop, must have complete control over its destiny and to be as free as possible from the political process and partisan influence. This was achieved by placing the destiny of the University in the hands of a virtually independent Board of Regents.

Third, the locating of the University in the center of the State's population. Approximately one-half of the State's population is within commuting distance of the University. This not only allows the University to serve more students, but by reason of its location in the most urban area of the State, gives to the University tremendous educational and cultural advantages otherwise not possible. Likewise, its location near large industry has not only aided its research program, but made possible the growth and development of its professional schools (Medicine, Law, Dentistry, Pharmacy). Then, too, location in a large urban area allows students to find needed employment and take care of their housing needs.

Fourth, the early identity of the University with the growth and development of the State itself. It is, indeed, difficult to visualize the growth of the State without the help and support of the University. For instance, the leadership of the University in the establishment of a state system of public schools; its early identity with the agriculture of the State; the establishment of the University's professional schools, which has furnished most of the doctors, lawyers, dentists, engineers, pharmacists, and teachers for the State; its research that has helped the development of industry and the increased wealth of the State; its research in medicine and public health, which has meant so much to the health of the people of Minnesota.

Fifth, the fact that it is the only university in the State. More than one state university means unavoidable duplication of faculty, staff, facilities and curricula. The ultimate cost to the State is always greater. Competition for State funds has the effect of watering down the educational process. Why, you ask? The strength of a university is in its unity. A university consists of a number of separate colleges and schools each with separate faculties and curricula. All are located together. The center or core of a university is the Liberal Arts College with its strong emphasis on the basic sciences. Thus, it is that the Liberal Arts College serves all the other colleges of the university. All the colleges of the university are thus inter-related because of curricular requirements. Faculty often serve as members of more than one college staff. Facilities are not singular to any one college or school. Classrooms, laboratories, workshops, student centers, health services, hospital laboratories and food services are used by all. Likewise, one main library serves all students. Recreational facilities are shared. A single power plant and maintenance department serve all the colleges and schools. The curricula within colleges, while separated into upper and lower division work, are dependent upon the same faculty and same facilities. Actually, the separation between upper and lower division work is not rigid. Often students in the junior-senior years, while taking advanced work, at the same time will be taking lower division (freshman-sophomore) courses. This is particularly true of transfer students who make up about 50% of the students who enter the University each fall. The graduate school is not separate and distinct by itself. It consists of certain outstanding scholars selected from all the colleges and schools that offer graduate work. The graduate school is dependent upon the facilities of all the colleges. Graduate students are recruited as teaching assistants which greatly bolsters the regular teaching staff of a university.



Sixth, the greatness of a university can best be measured by the quality of its faculty. Over the years, the University has built one of the outstanding faculties of the country—and thus, greatness has resulted.

Seventh, in the final analysis a university depends upon the caliber of its graduates for the alumni are the ultimate continuing strength of a university. A study of Minnesota's alumni would show a continuous record of high achievement, distinguished service, devoted careers in every possible field of endeavor.

Eighth, is the support by the people of the State and the legislature.

The people of the State are proud of their university. They place major reliance upon the University of Minnesota for the education of their youth, at the undergraduate and graduate levels, and for work in the professions. Their belief (and support) is the real reason why the University has grown to greatness.

The legislature over the years has granted magnificent financial support to the University. Of all people, they know how closely the welfare of the University is related to the continued growth and development of the State. Without the financial support granted by the legislature, the University could never have achieved greatness.

I have pointed out these reasons for the greatness of the University because there are those who would destroy the University. They would destroy it by decentralizing the University. They advocate decentralizing the University by subtraction. The separation of some parts of the University into a separate new college or university. They talk about decentralizing the University by substitution—by this, they mean building another university, or another kind of an institution of higher education at the expense of funds for the operation of the University.

Those who want to decentralize the University are dangerous because they don't realize what they advocate. They don't realize that the growth of a university to greatness is a long hard road—and the greatness of a university can be destroyed quickly to the detriment of every person in the State—and to the detriment of the State itself. They should read again the 1957 report of the Governor's Committee on Higher Education and what they say about this particular point. The report states, and I quote, "the first essential in the public interest of the State and its citizens is to maintain the pre-eminent position which the University has achieved in the fields of instruction, research, and service." They will inevitably call for great expansion of the University program in the decades ahead..."

Sincerely,

Ed Havel

"The citizenship education and leadership training programs of ancient Rome, with its ideals of service to the state, obedience to law, and individual efficiency, produced a galaxy of statesmen such as Cato, Cicero, Pompey, Julius Caesar and Octavius Augusta. Few if any living Americans could equal their capacity to influence and direct the affairs of state, although many of our public officials have had much more formal training than these men had."

These words — written six years ago by one of the outstanding authorities on this country's and the world's leadership (or lack of it) — vividly point up one of the major dilemmas facing our nation today.

Russell H. Ewing '22LLB '23BA, president of the National Institute of Leadership and training coordinator for Packard Bell Electronics Corp., both of Los Angeles, recognizes the dilemma and its inherent dangers.

"The recurring dilemma of leadership in this democracy is due, in part, to overemphasis on citizenship education and underemphasis on leadership training. It is like training an army without advanced training for its officers. As a result, we have had a deluge of fixers and bosses, and a drought of leaders and executives who are worthy of being followed."

And what is true in government is equally as true in private industry, Ewing feels.

There is no quick, cheap and easy way to master the art of leadership, but if a person has intelligence, natural aptitude and native interest in a field, he can learn the techniques and principles of leadership and apply them. "Leaders are trained and developed — not born" — is the basis of Ewing's entire philosophy on leadership.

Dr. Ewing (he received an honorary degree of Doctor of Laws from Los Angeles University in 1948) felt his first interest in the problem of leadership during his undergraduate days at Minnesota and later during his graduate studies at Columbia University.

"While at Minnesota I met and knew personally Presidents Folwell, Northrop, Vincent, Burton and Coffman. All of these men were, to me, shining examples of inspired and enlightened leadership on the local and national scene."

At Columbia he studied under Dr. Ordway Tead, author of the pioneer book in the leadership field, *The Art of Leadership*.

He encouraged Ewing to do research and writing in this field, and a dozen or so pamphlets and magazine articles were the result. The two still correspond frequently and exchange publications. Dr. Tead now is vice president of Harper & Brothers.

Also at Columbia he studied under John Bassett Moore, the outstanding authority on international law and arbitration, who was the author of about 20 volumes in this field. He also studied under John Dewey, one of the outstanding philosophers and educators this country has produced.

"Perhaps my former colleagues are wondering why I switched from political science to business administration!

With an eye to the future,

Leadership Is His Business

Russell H. Ewing



"In two universities I found it difficult to practice what I was teaching about 'good government.' I feel that 'preaching without practice' . . . 'words without works' . . . are not only vain, but frustrating.

"I concluded that if political scientists were real scientists . . . if they would really train civic and



community leaders to defeat political bosses and dismantle their machines . . . they would be running the great cities of America, instead of the political bosses. At least, this was my pet theory and explains my basic interest in leadership."

The National Institute of Leadership was originally organized in 1943 under the name of the National Bureau of Civic Research. Its founders were a group of about 30 university professors and researchers who were primarily interested in the problems of civic and community organization and leadership. The Institute conducts research, edits manuscripts and publishes pamphlets and monographs in this and related fields.

"At the close of the Korean War I was tempted to give up the effort and close the Institute, but my wife took over the details of finance, bookkeeping, sales and correspondence, and the Institute has thrived ever since."

Mrs. Ewing also is an author and shares her husband's preoccupation with the leadership problem. Writing in *National Republic* magazine last year, she stated: "Our national leadership will reflect the individual courage, conviction and purpose developed in each organization,

large or small" . . . and "Our national background of freedom's energetic forces powers the development of leaders with the sublime courage to say and do what duty and moral conviction require."

Ewing, who has studied at six universities and taught at 13 (including the University of Minnesota where he was assistant instructor in political science from 1922-23), has written many articles for magazines as well as dozens of books, manuals and pamphlets. His articles have appeared in *The Christian Science Monitor*, *The Diary of Alpha Kappa Psi*, *American Law Review*, *World Affairs Interpreter*, *Trained Men*, *Factory and Supervisory Management* as well as book reviews in the *Interpreter*, *Political Science Quarterly* and *Social Forces*.

In addition to articles for the National Institute of Leadership, he also has done them for the American Management Association and during and following World War II wrote a series of 22 training



guides and studies for the War Department and Air Force.

He has served as president of the Minnesota Chapter of Phi Alpha Delta law fraternity, Sigma Phi Epsilon, Grail, honorary men's society and is a member of Alpha Kappa Psi commerce fraternity and Pi Sigma Alpha, honorary political science fraternity.

The Ewings have two sons, Robert, a practicing architect in Pasadena, and Russell Jr., a student in architectural and industrial design engineering. Ewing's two stepsons, Kent and Roger Redelings, are college students. Kent is a junior at U.C.L.A. and Roger is a freshman at Santa Monica Junior College.

OAA Winners, Foreign Students To Be Featured

Two special issues of the *Alumni News*—one devoted to the University's Outstanding Achievement Award winners—will be carried this year.

The special issue devoted to the University's 300 Outstanding Achievement Award winners will be carried next month, marking Charter Day which will fall on Thursday, Feb. 25.

The award is conferred only upon alumni or former students of the University who have attained distinction in their chosen fields, professions or public service and who have demonstrated outstanding achievement and leadership on a community, state, national or international level.

Candidates are recommended by the University Honors and Administrative Committees for final approval by the Board of Regents.

Some of the outstanding figures in business, government, education and the sciences have been recipients of this cherished award and the total list will be carried in next month's *Alumni News*. It will be the first time such a directory has been compiled.

The April issue of the magazine will carry the fascinating story of the foreign student on the University of Minnesota campus. Foreign student enrollment at the University for fall quarter totaled 1,031 students, representing 78 countries. In addition, 195 foreign nationals are affiliated with the University.

The countries with the most representation on campus are Formosa, 192; India, 142; Canada, 132; and Korea, 113.

How did the foreign student program get its start? What about the exchange program?

These and other questions will be answered in the April issue of the *Alumni News*.

Through quotations from his writings . . .

Ewing Speaks on Leadership

The lack of executive timber in the nation is due in part to the fact that some people prefer a lackey to a leader.

• • •

If it is true that no organization is any better than its leaders then it behooves us to investigate and evaluate the character, capacity and courage of our leaders and rapidly repair any weakness which may be found in our leadership system. If we fail to do this the greatest democracy the world has ever known may fall and the dark night of Communism will set in.

• • •

The great need for gifted leaders can never be met until leadership training takes front and center in our educational system.

• • •

He leads best who loves the most. A leader's love for God must find expression in selfless service to mankind if he is to succeed in an enduring sense. In all true leadership and followership there is a conscious yielding to Divine direction.

• • •

If we become a second-rate nation and lose to the Communists it will be because we are poorly led, poorly organized and poorly managed.

• • •

Position-holders and those who inherit wealth or office are not necessarily leaders. The mere fact that you have been appointed to some position doesn't insure your success as a leader. But it is an opportunity to prove that you are one. Don't stand heavily on your title, your dignity, or your authority.

JANUARY, 1960

When one is asked, "Train leaders for what?" – the answer must be: "To plan, organize, staff, direct, control and operate an enterprise." We are not concerned here with training scientists, engineers and technicians as such, but with training the executives who supervise them. We need managers as much as mathematicians.

• • •

The direct evidence of over two thousand years of history discloses that no government or civilization has ever survived the breakdown of its leadership or the corruption of its citizenship.

• • •

Few areas in the life of the nation have aroused greater concern and presented a greater challenge to the western world than the problems of leadership, executiveship and supervision. The discovery and development of better managers and administrators in business and industry, and more effective leaders in politics and government is the greatest challenge facing us today.

• • •

By refusing to face up to the faults in our leadership system, we consent to their continuance, and as a result, the most vital element in national defense is seriously imperilled.

• • •

We need, and the free world needs, more adequate leaders, that is to say, scientists, engineers, statesmen, soldiers, who put character above selfish gain, whose goodness of heart balances the greatness of mind. Only then can our nation's future be made secure, and the recurring dilemma of democracy be resolved.

The Sky Is The Limit

University physicists with the help of balloons have discovered new phenomena in space — which may prevent man from venturing past the moon.

Yet Dr. Edward Ney is confident in the ability of science to overcome these obstacles which advanced scientific methods have discovered.

Early this summer a team of University physicists including Ney, Dr. John R. Winckler and Phyllis Freier, discovered unpredictable rays coming from the sun which periodically penetrate the earth's atmosphere.

"These rays would be lethal to man," said Ney. Like enormous sun beams, these rays are so wide that they would be impossible for space travelers to avoid.

This is the story of their discovery: On May 10 a sun flare erupted. Word reached the University on a teletype network set up during the 1957-58 International Geophysical Year. Since Ney, Winckler and their colleagues are one of the leading university groups in the world flying their own research balloons, they immediately made preparations to get them in the air.

On May 11 a phone call from a radio astronomer in Alaska reported a radio black-out that was later to produce one of the greatest sun spots of the past two years. The University balloonists put up everything

they had. "We put up five balloons in 10 hours that night," Ney reported.

Instruments in the balloons showed radiation at about 60,000 feet, or just over 11 miles into the atmosphere. Photographic emulsions carried aloft showed tracks of positively-charged protons from the sun.

"Since it is believed all matter is neutral, we got to asking what happened to the negative electrons," Ney said.

This is how scientific discoveries are made, through a never-ending curiosity linked with a scientific method. The University men started with the theory that atoms, which comprise all matter, are neutral. They also knew that atoms contain positively-charged particles called protons, negatively-charged particles known as electrons and neutral particles called neutrons. Matter is discovered which lacks one ingredient — in this case the electrons. The physicists ask where these electrons are? And how do we find out where they are?

In order to find these missing electrons from the sun, the sun's corona would have to be observed during a total eclipse, when the corona is most visible. Fortunately a total eclipse of the sun would be visible from parts of Africa on Oct. 2.

The University physicists, without balloons, went to Africa.

"We thought that in passing through the sun's corona the negative electrons were removed by synchrotron radiation. Synchrotron radiation is a process which takes place with light-weight particles. It causes these particles to lose energy rapidly and to radiate light.

"So far," Ney said, "the general appearance of the sun's corona seems to uphold our hypothesis. But we've only analyzed about 10 per cent of the data."

So it seems that the mystery of the missing negative electrons may possibly be solved.

While this is a great scientific discovery, it still means additional hazards in conquering outer space. The missing electrons perhaps have been found but these fluxes from the sun are still death rays to potential space travelers.

Yet Dr. Ney is optimistic about space travel.

"The more we know about outer space, the better we'll be able to predict when it's safe to send a man into orbit. We could possibly send a man into orbit around the equator (these beams do not reach to equator but are concentrated near the poles) and below the dangerous Van Allen belt."

DR. NEY (left) and an assistant prepare a balloon for launching.



Carrying a payload of a Geiger counter, photographic emulsions, counting devices and radio equipment, the 60-foot balloon begins its eleven-mile ascent

by Phyllis Wiegand

JANUARY, 1960

ALUMNI NEWS



(The Van Allen radiation layers were discovered in 1958 by Dr. James A. Van Allen at the State University of Iowa. These belts of rays and particles—probably the most important discovery of the International Geophysical year—were thought to be a barrier to space travel from any exit point but the poles. The discovery of the proton beams, which are thought to be related to the Van Allen belts, mean that space travelers may have to use extreme caution in leaving earth even from the poles.)

“But the most important thing now is to get a man into space and recover him. This is an engineering problem now,” said Ney, “nothing else.”

It is hoped that Dr. Ney is right. That by the time a man is sent into space and safely returned, the same science which discovered obstacles to putting a man into outer space will have discovered a way for man to overcome these obstacles.

The University's continuing balloon experiments may find a way to overcome these obstacles.

Last July Doctors Ney and Winkler accepted a \$350,000 grant from the National Science Foundation for a 13-month program of continuous balloon monitoring. They also have \$70,000 from the National Aeronautics and Space Administration for investigation of cosmic rays including the new-found protons.

“Continuous balloon monitoring is terribly important,” said Ney. “By monitoring about 10 per cent of the time we discovered two new phenomena (the presence of x-rays in northern lights and the protons from the sun). Think what we might learn if we had balloons up all the time, rather than having to wait until *after* something begins to happen in space.”

Dr. Winkler's group hasn't been able to begin continuous monitoring yet; a federal regulation restricts each balloon's payload to 10 pounds. Reducing the weight of the instruments has been a hard job, but they hope to have balloons up night and day by next summer.

A payload consists of a Geiger counter, photographic emulsions to



A BALLOON IS filled with air to test its expansion.

measure the sun's radiation, counting devices to measure radiation directly and radio equipment to send this information back to earth.

Balloons rather than planes are used because of the height which must be obtained. Conventional planes can go only 50,000 feet into the atmosphere. To investigate outer space the equipment must be carried as close to the rim of the earth's atmosphere as possible. But at the same time, the balloon must have air to support it.

“So it's a game of making the balloons thinner and thinner and bigger and bigger so less air will be needed to hold them up,” said Ney.

The balloons, made of polyethylene plastic, are 60 feet long,

100,000 cubic feet in volume and will go up about 23 miles. While it is possible to control the height these balloons will reach by their size, it is impossible to control where they will travel. Occasionally the physicists chase their quarry in planes but 90 per cent of the time the balloons and instruments are returned by the farmers who find them in cornfields or city folk who find the funny looking contraption atop a garage.

But regardless of the Van Allen belt and the proton rays from the sun, if men such as Dr. Ney are confident that space travel will be possible, it would seem likely that within the next few years a man will be put into space and returned.

These remarks are excerpts of Dean Richard L. Kozelka's final report at the School of Business Administration Alumni Institute, held last November. The institute, which marked the 40th anniversary of the founding of the School of Business Administration, was the largest ever held by an alumni constituent group. Dean Kozelka last fall announced his resignation as dean to devote more time to teaching.

"The Soaring Sixties"



Dean Kozelka

The public is aware that education for business at the college and university level is under severe criticism at the present time. Two reports, by two economics professors, Gordon and Pierson, have been published within the last two weeks and have created quite a stir. The reports are severely critical of the quality of students and of the curriculum. Our faculty has begun a careful study of these reports, but on the basis of advance information, we are not taking these criticisms lying down.

Our students compare favorably in capacity and potential with students in other parts of the University, and I am sure that our alumni will testify that the School of Business Administration at Minnesota is no bed of roses or haven for the lazy.

As for the curriculum, the University of Minnesota has, from the beginning, leaned away from emphasis on the vocational approach, and stressed broad, fundamental preparation. Two years ago, after long and careful study, our faculty tightened up on both standards and curriculum for the bachelor's degree by increasing the stress on mathematics, the sciences, and the humanities, thus anticipating some of the criticisms of the two recent reports.

As a state university seeking to serve our young people who have limited time and resources, but unlimited confidence and high capacity, we do not go along with the

general recommendation of Gordon and Pierson that preparation for business should be entirely at the graduate level. Nevertheless, we have revamped our Master's degrees and we hope to strengthen them further in an effort to serve the graduates of our liberal arts colleges, both in and out of Minnesota, who wish to carry on at the professional level in business.

At the present time our enrollment is 645, as compared to 776 a year ago, and 881 two years ago. Various explanations have been offered. Veteran benefits have run out. The depression of 1958 was discouraging. Our potential students do not approve of our tightening up of standards. For this last, I offer no apology, because higher quality needs no apology, but will help us in the long run.

We have just had a grant from the New York Life Insurance Co. for three years, which will permit us to grant an undergraduate and a graduate scholarship. The generosity of our alumni, through the School of Business Alumni Service Fund, has enabled me to make an undergraduate and a graduate scholarship award this fall.

According to the Pierson and Gordon reports, the demands of business management in the future will require even higher standards of competence in technical skill and sound judgment. Business does not speak with one voice on what it needs, and we sometimes have difficulty separating the urgent from

the important. From the days of Dean Dowrie, we have enjoyed consistently good relations with the business community, both locally and nationally. We have tried to keep abreast of, and, if possible, ahead of their needs.

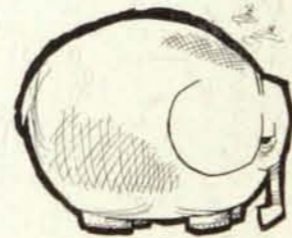
We are on the threshold of a new era, "The Soaring Sixties." The School of Business Administration will lead the parade with a new functional building on the extended campus, on the west bank of the Mississippi. We have a young and vigorous faculty with high potential and a growing national reputation. We are aware of new needs and we are preparing new programs. We shall carry into the new era much that has been useful in the past, but there is no denying that we are moving into a new age — from the age of the calculator to the age of the Univac; from the age of the Mississippi River and the "Pioneer Limited" to the age of the Seaway and the jet airplane; from the age of "trend" and "seasonal and cyclical variations" and "index numbers" to operations research.

What better time could there be for the School of Business Administration to enter the "Soaring Sixties" with its troubles and challenges and opportunities, with a new dean who can look and plan and work for the seventies and the eighties? It has been a privilege and a pleasure to have served under the vision and guidance of President Morrill. I hope that my successor is equally fortunate under the new president.



Mayor P. Kenneth Peterson

A Tale of Two Cities



Although he didn't plan to go into politics, Minneapolis Mayor P. Kenneth Peterson unconsciously prepared himself for a public life while at the University.

Formost among the memories of his college career are garden seeds, campus politics and debate.

The garden seeds Peterson sold for Northrup King & Co. to put himself through school. He thinks this job was a "most valuable" part of his education since he traveled in Washington, North Carolina, Ohio, Kentucky and Indiana.

The Progressive Party was the minority student political party when Peterson, a junior, transferred to the University from North Park College in Chicago. He soon met Eric Severaid, Lee Loevinger, Neil Potter and Fred Rarig who headed the Progressives and worked with them to oust Earl Larson's Gopher Party from power.

Debate, Mayor Peterson remembers for a couple of reasons. While at the last debate at Northwestern he fell asleep at the table and had to be awakened by another team member. But they won the debate. In 1936 Peterson won the Pillsbury Oratory Contest — while awake.

"I believe the training obtainable in extra-curricular activities at the University such as the *Minnesota Daily*, debating and oratory are valuable as general requirements for a career in public life; they help you to think quickly and accurately.

"There can be no question but that University training is invaluable," says Mayor Peterson, "not only in public life but in the general satisfaction that comes from the training obtainable at the University. I thoroughly enjoyed my years as a student and will always have a warm place in my heart for the University of Minnesota."

Time magazine selected Peterson as one of the "100 News Makers of Tomorrow" a few years ago. And he has been making news since he was chosen to represent United States' universities on a European Goodwill Mission in 1937.

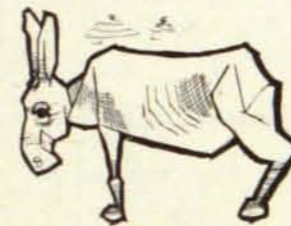
He served four years in the Navy during World War II, entering as seaman 2/c and leaving Naval Air Intelligence as a Lieutenant Commander.

He was elected to the Minnesota state legislature in 1946 and re-elected in 1948, 1950 and 1952 and in 1949 was voted "Outstanding Young Man of the Year" by the Minneapolis Junior Chamber of Commerce.

He was a delegate to the National Tax Conference in 1951 and to the Mid-Century White House Conference on Youth in 1950 and was appointed by President Eisenhower to serve on a three-man commission to survey Middle East Refugee conditions. He recently was appointed to the National Civil Defense Advisory Council.

Peterson, a staunch Republican, was re-elected mayor last June. He is married and has three children.

Mayor Joseph E. Dillon



In 1933 Joseph E. Dillon won a carrier contest sponsored by the old *St. Paul Daily News*. He has been winning ever since.

Just over two decades after winning a trip to the Chicago World's Fair, Dillon won his first election. He won again in 1956 and again in 1958. Although the mayor's race is non-partisan, Dillon has been supported by labor and the Democratic-Farmer-Labor party.

Dillon entered the army as a private in 1941. After serving for 5½ years, including combat duty with the 102nd Division in France and duty with the military government in Belgium and Germany, he was discharged as a major in the anti-aircraft artillery.

Although 24 years old, he enrolled at the University in pre-law, earning his BSL and LLB both in the same year, 1949. He worked his way through the University doing leg-work for a law firm.

Shortly before his graduation, Dillon spoke at a Young Democrats meeting at St. Thomas College in St. Paul. After the meeting a young St. Catherine's co-ed who was majoring in political science came up to Joe Dillon and told him how much she had enjoyed his speech.

He was impressed with Joan DuBoe's political interest, so much so that he married her a month before



graduation. They now have four daughters, Kathleen, Elizabeth, Teresa and Julia.

In 1949, the same year he was married, Dillon opened a private law practice in St. Paul. Except for 1952 when he was assistant regional counsel for the Office of Price Administration, he practiced law in St. Paul until 1954 when he was elected mayor.

In 1956 Dillon was convention chairman for the Young Democrats of America as well as convention speaker for the Wisconsin Young Democrats Clubs.

During the last Congressional election, Dillon ran for Congress as an independent. He was defeated in the primaries.

At the present Dillon, a staunch supporter of Minnesota Senator Hubert Humphrey, is organizing mayors throughout the country for "Humphrey for President."

The Dillon family's hobby is their cabin on the St. Croix River which they built a few years ago. The mayor has an 18-foot runabout he uses on the river and last summer divided his sparetime between water skiing and planting trees around the cabin.

However, Dillon has little free time. He is vice-chairman of the Metropolitan Airports Commission, on the board of the National Conference of Mayors, Chairman of the Ramsey County Board of Commissioners and President of the St. Paul City Council as well as serving as an office in 27 other governmental organizations.



ONE OF THE BEST attended seminars was that sponsored by the Twin City Personnel Managers Association. The panel, which was moderated by Prof. Herbert G. Heneman of the School of Business Administration, discussed "Industrial Psychology."

In the largest alumni constituent group gathering, the School of Business Administration salutes

A TWO-PART seminar sponsored by the National Office Management Association dealt with the "Impact of Mechanization on Office Management" and "Operations Research." The afternoon seminars were followed by the Sixth Annual Banquet of the Alumni Association.



DR. LUDWIG HUTTNER, manager of Stevens, Thrurow and Associates, Inc., had an attentive audience when he spoke on "Personal Adjustment in Business." His seminar was sponsored by the National Secretaries Association.

THE MINNESOTA CHAPTER of the American Society of Insurance Management, Inc., had another well-attended session. Their subject, "Some Problem Areas in Insurance," was very well received. It was one of eight seminars conducted that afternoon.



CAPPING OFF THE day's activities was the huge banquet, attended by almost 700 persons. Five alumni were presented with Outstanding Achievement Awards and featured speaker was R. Conrad Cooper '26BSCE, executive vice president of United States Steel Corp.

40 Years of Progress

OUTSTANDING ACHIEVEMENT AWARD winner Harold E. Wood '18BA was one of the panelists at the seminar sponsored by the Minnesota Group Investment Bankers Association of America. Topic of the seminar was "What Makes Us Tick."



In the newspapers they called Glenn Reed a liaison when he got the job Oct. 26. Reed calls himself "coordinator of the financial aid program" of the University Athletic Department — which is probably a more accurate description of his position.

Either way, it was about time somebody got the job. When the current Big Ten aid plan was adopted in 1957, most of the member schools wasted no time in appointing coordinators, usually the assistant athletic director.

Minnesota doesn't have an assistant athletic director, so when a choice was finally made during the third year of the plan, the University assistant basketball coach was in line.

Young Glenn Reed, 10th and final coordinator in the conference, seems to be the right man for the job. As a glorified public relations man, the coordinator must be able to get along with people, in addition to handling the various legal duties.

"There are two kinds of aid for the student-athlete," Reed says. "If a boy is in the top quarter of his high school class, he qualifies for aid under the Williams plan, strictly on scholarship. If the boy doesn't make the top quarter, he can get aid based on his need, provided he's in the top two-thirds of his class."

That part about need provides Reed with most of his work. The Big Ten is the only conference in the country with a need clause in its athletic aid policy.

"We keep a list of prospects," Reed says, "and sometime near the middle of the boy's senior year in high school we send out a Parents' Confidential Statement. The parents must fill out the Expected Family Contribution (EFC) and send it to the Big Ten office to be computed. Then we are notified as to how much aid we can give a boy — tuition, fees, books, room, board at the most."

More red tape follows.

"Around the 1st of May, we start sending out tenders. Each Big Ten school is given 100 at a time. Once a boy signs a tender and returns it to George Risty (in the University Bureau of Loans and Scholarships), he's committed to Minnesota and can't go to another Big Ten school to play a sport. Of course, he can go to a school outside the Big Ten for sports.

"Then Risty tells us which tenders are returned so we can tell the boys what kind of aid we can give them."

Reed's work doesn't end at the close of spring quarter, however. As soon as finals are over, he gets together with T. E. Pettengill, official registrar, and they go over the grade blueprints of all the athletes on the aid program.

"That way," Reed says, "we can let the boys know just what credits they must make up."

In the late summer, just before fall quarter, Reed contacts the athletes to renew their scholarships and inform them of their requirements for the coming year — how much money they can earn, for example.

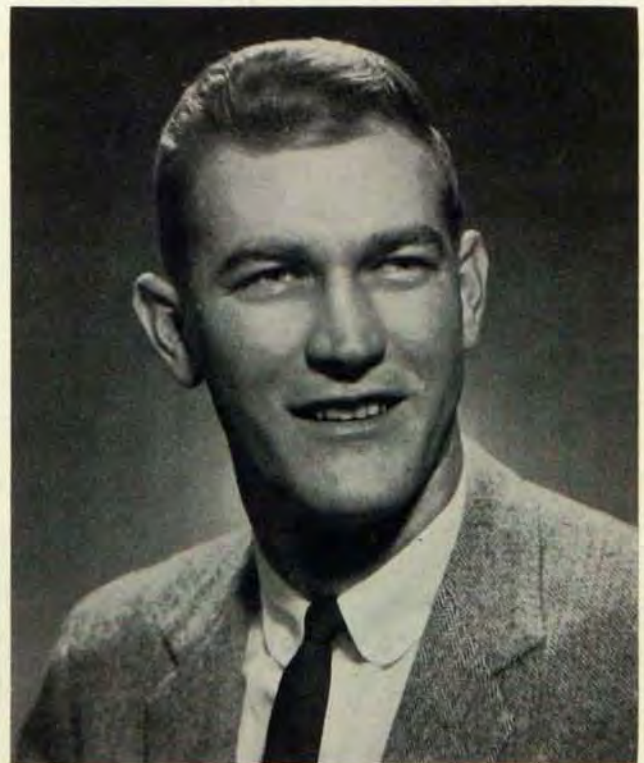
All athletes must fill out financial statements which go to the Big Ten office where they might find out

"Liaison" or "Coordinator"

The Job's The Same

by David Butwin

Minnesota Daily Sports Editor



Glenn Reed

ALUMNI NEWS

through the statement about a boy who is working and shouldn't be.

Job regulations under the new plan disturb Reed, as well as many of the coaches.

"In the past," Reed says, "the athletes got work through the downtown job programs and earned the money to pay for books, tuition and the rest by themselves. I worked at Brown & Bigelow when I attended the University and was responsible for earning my money. Now it costs the athletic department money directly because it must pay the boys for whatever work they do through the Student Employment Bureau.

Wrestling coach Wally Johnson echoes his sentiments.

"The conference should keep the upper two-thirds requirement. That's all right. But they should toss out the aid part."

"If a boy can't make the top quarter of his class and if his father has a little money, about all we can do is shake the boy's hand," Reed continued. "At least if he got a little aid from us, he's have the prestige factor. A shake of the hand doesn't mean much when other schools in other conferences are offering free rides."

It's a lot of work.

"But we can alleviate other people's work, too—the Bureau of Loans and Scholarships, the coaches. Now when a coach has a problem, he doesn't have to bother Risty, Pettengill or Stanley V. Kinyon, the faculty representative."

Many hours each day are spent on his other job, as well. In the early afternoon, following several hours devoted to his job as coordinator, Reed goes over plans for basketball practice with head coach John Kundla.

They then conduct practice for a few hours after which Reed grabs a quick dinner at home and then goes out to watch high school basketball.

What's more, he teaches a basketball course for education majors three times a week and in November even helped out with the play *Tall Story*—about basketball, of course.

UMD Stadium Plans Move Ahead With Naming of 50-Man Committee

A 50 member UMD Stadium Advisory Committee has been announced by Roy Teppen '33 DSTC, president of the UMD Alumni Association. The committee will coordinate and oversee the alumni-sponsored drive to raise \$100,000 for a 4,000 seat football stadium on UMD's new campus.

A kickoff dinner for the 50-member committee was held December 16 at Kirby Student Center. Robert Murray '52 UMD, Duluth, was named chairman of the committee. The campaign will officially open Feb. 8.

The fund campaign will be carried on simultaneously among UMD alumni, faculty and students with other interested persons and organizations invited to make contributions or pledges.

More than \$12,000 of the goal already has been raised or pledged. Reidar Lund, former executive sports editor of the *Duluth Herald and News-Tribune*, raised \$2,278 through his sports column during the last quarter of 1958.

Ole Haugrud, president of Minnesota Sports, Inc. of Duluth, said his group would give a check for \$10,000 once the \$90,000 mark had been reached.

It is hoped the \$100,000 will provide not only the 4,000 seats for the campus stadium but also such facilities as locker rooms, concession stands, lavatories, a press box and field lighting.

Members of the UMD Stadium Advisory committee are Provost R. W. Darland, University Regent Richard L. Griggs, Robert Bridges, Emmett Davidson, Walworth Plumb, Lloyd Peterson, Jim Malosky, Ward Wells, Roy Teppen, Dr. Dale Amundson, Robert Murray, Julian Hoshal, Arno Goethel, Bob Junkert, Marsh Nelson and Bud Lomoe, all of Duluth;

Reidar Lund, St. Paul; Armando DeYoannes, Virginia; Elmer Courteau, Hibbing; Kenneth Hickman, Grand Rapids; Ed Garrity, Hibbing; Roger Bergman, Proctor; Mrs. Lloyd Egerdahl, Proctor; William H. House, Two Harbors; Bob Provost, Ray Chisholm and Winston A. Close, Minneapolis.

Ole Haugrud, Ed Martini, Wayne Keto, Tom Kraus, Dick Nelson, Art Gustafson, Audrey Hoi-lund, Kenneth Duncan, Reinar Gabrielson, Walter Wiski, Robert S. Mars Jr., Duane Rappana, Francis LaBrosse, John Dickerson,

George Barnum, Bob Morris, Glen Weld, Jerry Doran, Gwinn R. Whitney, John Vucinovich, Dave Testor, Tony Fiskett and H. Warner Griggs, all of Duluth.

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Intercollegiate Athletics Policy

Senate Committee on Intercollegiate Athletics
Reaffirms University's Stand on Sports

Long experience at the University of Minnesota has amply demonstrated that intercollegiate athletics are a challenging and valuable part of the total enterprise of the University. Through the years intercollegiate athletics have provided thousands of young men opportunities to develop their physical skills, to experience the values of dedication to a purpose, of perseverance and of team effort for the attainment of a common goal.

Participation in intercollegiate athletics has enriched the educational experience and the later lives of these men.

In a larger sphere, intercollegiate athletics have served as a focal point and desirable bond of common interest among students, faculty, and friends of the University, and the citizen-constituency of the institution.

Deeply conscious of these tangible values the University will continue its policy of whole-hearted support of a program of intercollegiate athletics, which, through excellence in all phases, will maintain the high standards which Minnesota teams have reached in the past.

The University welcomes opportunities for cooperation with other educational institutions and high schools in the development of sound programs of sports for the young people of this state.

To integrate the role of intercollegiate athletics with other activities and purposes of the University and of its student body, the University desires to maintain a strong and successful program of intercollegiate athletics in accord with these principles:

1. All qualified students are encouraged to participate in the program of intercollegiate athletics.

★ ★ ★

2. To protect the collegiate character of athletic activities, participation in intercollegiate athletics is restricted to regularly enrolled, bona-fide students who meet the prescribed standards of admission to and continuation in established curricula and who are pursuing a regular academic program of study. In keeping with this concept, the academic work of the student takes precedence over athletic activity.

★ ★ ★

3. Within the framework of their academic obligations and over-all educational objectives as bona-fide students, our student-athletes will be given every opportunity to develop their athletic aptitudes and skills and their good sportsmanship in competition, under the guidance of a competent staff in the Department of Physical Education and Athletics for Men, and through maintenance and improvement of its facilities.

★ ★ ★

4. The University will continue to provide, as athletic income and other funds permit, and as authorized by the Big Ten Conference, financial assistance for the education of students who can contribute to the success of our teams and at the same time meet the prescribed scholastic standards.

5. Minnesota teams have always been truly representative of the student body, the University and the State of Minnesota. While the University welcomes all qualified students who wish to avail themselves of the educational opportunities offered by Minnesota, it is its policy to seek the enrollment of student-athletes primarily from those areas which supply the majority of the student body.

★ ★ ★

6. In scheduling intercollegiate competition the University is interested in a reasonable number of in-season contests, primarily with members of the Big Ten Conference and other associations to which it belongs, or which adhere to similar standards of athletic conduct and policy.

★ ★ ★

7. The University reaffirms adherence to the principle of faculty control over intercollegiate athletic policy: it will continue to work, within the Big Ten Conference and the National Collegiate Athletic Association for the development of sound rules for conduct of athletics which conform to the dignity and mission of a university, with the requirement that its athletic staff and its students will adhere strictly to both the letter and the spirit of these rules to the end that Minnesota athletics may exemplify the integrity of the University and deserve the confidence and whole-hearted support of all concerned.



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OUR COLORFUL SPORTWEAR
featuring our own exclusive styling**

Interesting designs and materials, and bright colorings highlight cruise and Southern resort wear this season. Our selections include:

(shown) *New 'wash-and-wear' Odd Jacket of Dacron*-and-cotton in a neat checked pattern with patch pockets. Brown-and-tan or navy on natural grounds, \$37.50*

Lightweight Odd Jacket of Dacron-and-wool in unusually interesting new colorings in good-looking plaid and striped patterns, \$70*

Odd Trousers of washable Brookswear, our original Dacron and cotton blend in bamboo, navy, tan, red, mustard, charcoal or medium grey, \$16.50*

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The Real Mac Guf

by Robert Provost
Director, Greater University Fund

Fund raising efforts in behalf of American higher education have been the spearhead to an increased philanthropic awareness by John Q. Public.

In this picture, the increase in the private foundation has an interesting history. According to Dr. Benjamin J. Fine, Education Editor of the North American Newspaper Alliance . . . "The upsurge of American Foundations came at the turn of the century. Andrew Carnegie in 1911 set up the Carnegie Corporation to advance and diffuse knowledge. John D. Rockefeller also began to give away money in 1915 when the Rockefeller Foundation was organized. Other wealthy persons and families followed these leaders. By the middle of the 20th Century approximately 60 foundations, each with assets of \$10 million or more, were created. Today there are more than 125.

The real impact of foundations on education came in the mid-forties. A series of tax laws provided for substantial exemptions for charitable contributions.

Undoubtedly, many Minnesota Alumni have been instrumental in the establishment of new foundations — both corporate and private. Many of you hopefully will be in a position to establish a private foundation.

Recognizing the many responsibilities to a community that such foundations, of necessity, must assume, we trust that Minnesota Alumni identified with private Philanthropic Foundations will consider the many opportunities for gifts that exist at the University. The Greater University Fund office will submit information on general or special interest projects at the University of Minnesota which play a vital role in the University's responsibilities in education, research and service.

ALUMNI NEWS

Edwin Willson New President Of IT Alumni Association

Edwin A. Willson '30EEE was named president and Otto J. Pfeifer '29BME '35MSME first vice president at the 21st annual meeting of the Institute of Technology Alumni Association, held last month.

Other officers for the coming year are Peter Warhol '29MetE, second vice president, and Arndt J. Duvall '25BSC, secretary-treasurer.

New board members are J. Leonard Frame '43BAeroE, aeronautical engineering; Robert R. Ryder '42BSC, civil engineering; and Gary O. Haglund '37BME, mechanical engineering.

Two alumni — James J. Lingane '35BCh '38PhD and George L. Tuve '20BS '21ME — were presented with the University's Outstanding Achievement Award at the meeting and Professor Emeritus Samuel C. Lind was presented with a faculty citation, in absentia.

Dean Athelstan Spilhaus spoke for the Institute and MAA ExSecy Ed Haislet spoke for the Alumni Association. Scholarship recipient J. P. Canner also spoke.

The IT Alumni Association Board of Directors will hold their first meeting of the year at 5:30 p.m. Monday, Jan. 11, on the third floor of Coffman Union.

The Institute of Technology Stag for department heads and members of the Alumni Board of Directors has been set for Tuesday, Feb. 2, at the Normandy Hotel. The Stag will start at 6 p.m.

TOM LIND (left), grandson of Professor Emeritus Samuel C. Lind, was on hand at the Institute of Technology Alumni Association meeting to accept this citation for his grandfather from Dean Athelstan Spilhaus. The faculty citation was presented at the annual meeting Dec. 3, attended by more than 130 alumni, faculty and friends.



Dentistry Board Sets Jan. 16 Meeting

The Board of Directors of the School of Dentistry Alumni Association will hold their first meeting of the year on Saturday, Jan. 16.

The luncheon meeting will be held at 11 a.m. in the board room of the Campus Club, Coffman Union.

Oklahoma Club Fetes Kundla, Team

Members of the University of Minnesota basketball team and Coach John Kundla were honored at a luncheon last month in Norman, Okla., when the Gophers met Oklahoma University.

Hosts were members of the Big Ten Club headed by Carl Dahl '29BSEd '34BS.

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You have always admired this type of chair for its beauty in design and comfort . . . and now you may own one with that added "personal touch" . . . the Minnesota seal has been attractively silk screened, in gold, to the front of the chair.

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Minnesota Women's Club of Detroit Sets Monthly Meetings for '59-60

A series of monthly programs which started in October with the opening of the 1959-60 season of the University of Minnesota Women's Club of Detroit will continue until June with the highlight of the year coming March 4 with a dinner meeting for couples.

The program for the meeting, which will be held at Topinka's Town and Country House, Detroit, will be movies of Russia shown by Dr. E. Smyd. Hosts and hostesses will be Mr. and Mrs. Frank Atkinson, Mr. and Mrs. Mel Elmquist and Mr. and Mrs. A. L. Malmstrom.

Mrs. Carol Green '30BSEd '30MA will entertain at a salad luncheon on Friday, Jan. 8. Plans will be formulated for the Benefit Bridge luncheon which will be held the following month. Hostesses for the January meeting will be Mrs. Victor Drummond '40BS(PHN), Mrs. Carl E. Larson and Mrs. Frank Atkinson.

Chairman of the Benefit Bridge luncheon will be Mrs. John Joyner. It will be held Feb. 5.

A salad luncheon at the home of Mrs. John Avedissian '14BA will be held April 1 with Mrs. Maurice Garabrandt presenting the program, *Women of the Bible*. Hostesses will be Mrs. Raymond Boaks, Mrs. Merl Baker '34BS, Mrs. A. L. Malmstrom and Mrs. George Turner '41AA.

A bridge luncheon at the Birmingham Country Club will be held on May 6 with Mrs. Arthur Zebedee '31GN and Mrs. Carl Nepper as co-hostesses.

The season will end June 3 with a pot-luck luncheon at the home of Mrs. M. J. Patterson.

Hostesses will be all officers and board members and the group will discuss club activities for the 1960-61 season.

Officers for the club, which has 42 active and five inactive members, are Virginia MacIntosh, president; Carol Burry, vice-president; Edith Costley, second vice president; Shirley Kenning, secretary; Evelyn Patterson, corresponding secretary; Gertrude Nepper, treasurer; and Elda Christensen, assistant treasurer. Committee chairmen are Edith Costley, program; Carol Burry, membership; Jean Joyner, scholarship; Marilyn Larson, publicity; Lucille Zebedee, social; and Lorraine Kenjoski, C.W.V.S.

Final Plans Set For Third Annual Camelback Reunion

Plans have been completed and the stage has been set for the Third Annual Southwest Alumni Reunion which will be held this month from the 7th to the 11th at the famous Camelback Inn in Phoenix, Ariz.

Special rates for the reunion are \$14 per day per person, including meals, and for the special benefit of Minnesota alumni the rates will apply from Jan. 7 until the morning of Jan. 16.

Thursday, Jan. 7—a get acquainted reception in the Cholla at 6 p.m. Dinner together at 7:30 p.m. in the Main Dining Room.

Friday, Jan. 8—a complimentary cocktail party at the home of host Jack Stewart, followed by the alumni banquet at 7:30 in the Cholla. MAA ExSecy Ed Haislet '31BSEd and MAA President Wendell T. Burns '16BA will speak.

Saturday, Jan. 9—a Dutch treat cocktail party and dinner dance.

Sunday, Jan. 10—free day.

Monday, Jan. 11—free day and departure.

Alumni in the area are especially invited to attend the Thursday, Friday and Saturday evening events. Reservations for these events should be made at once.

A local "host" committee headed by H. Y. (Bert) Sprague, treasurer of the State of Arizona, and including the board of directors of the Valley of the Sun (Phoenix) Alumni Club, which sponsors the annual event, have completed final arrangements, assuring a good time for all.

Other committee members include Dr. Ralph Peterson '27DDS, William Fowler '32BBA, E. Courtney Smith, Jim Gebhard '47BAE, Dr. Emanuel Barnett '30MD, Mrs. Paul Martin '47BA, Mrs. W. H. Bodley '36BS, Ernie Mulch '50BS and George Sachen '50BA.

School of Business Board Meeting Jan. 5

Election of officers for the University of Minnesota School of Business Administration Alumni Association will be held at noon Tuesday, Jan. 5, at a Board of Directors meeting on the third floor of Coffman Union.

Board members were elected at the sixth annual banquet of the group in November and the board elects its own officers.

The Association held its second annual Student-Alumni Board Luncheon on Dec. 1. Twelve students representing 11 different organizations attended. Board members attending were Jim Aldridge, '49BBA, Walter Carpenter '46BBA, Donald Clarkin '52BSEcon, Ken Glaser '42BBA, Waldo Hardell '26BSB, Chester Hursh '37BBA, Irene D. Kreidberg '30BSB, Kay McGaw '30BBA, Roberta Nelson '39BBA, Ed Schleh '37BBA, Hartwell Wilkerson '28BSB and Dean Richard Kozelka.

Two such meetings will be held each year as a means of getting to know the student leaders and of offering the Alumni board help in any way that they can. The next luncheon will be in the spring.

On Thursday, Dec. 3, the first annual Faculty-Alumni Board Stag was held at the Wayzata Country Club. The Stag and dinner were attended by 12 board members and 13 faculty members.

Central Indiana MAA Chapter Announces Plans for This Year

The Central Indiana Chapter, University of Minnesota Club, one of the most active with almost 100 members, has announced its program for the coming year.

The 1959-60 season, which started last October with a wiener roast for members and their children, will end June 18 with a picnic and swimming party at the home of Walter ('29MetE '32MS) and Burdella Gulleston. Committee members are Doug ('51BME) and Loris Thompson, Ed ('54BME) and Cynthia ('54BA) Dewes, Ervin ('48BBA) and Helena Slind and Mr. and Mrs. Gulleston.

On Feb. 6 the club will hold a pitch-in dinner followed by bridge. The committee consists of Wilbur and Ruth ('28BSEd) Shannon, Bob and Zonda Montgomery, Mr. and Mrs. Don Rustad and Mr. ('50BSEd) and Mrs. Kermit Swenson.

A pitch-in dinner and bingo will be held April 2. Committee members are Ervin ('11EM '16MetE) and Pauline ('10BA) McCullough, Mr. and Mrs. Ervin McCullough Jr., Doug ('49BCE '55MS) and Betty Brackney and Mr. and Mrs. Roger Cooper.

On Nov. 14 members of the club attended the Minnesota football game at Purdue and on Dec. 5 the group held a pitch-in dinner and Monte Carlo party. Committee members were Mr. ('37BBA) and Mrs. William R. Takala, Duffy ('50BSEd '54MEd) and Nancy ('52BS) Bauer, Lawrence ('48BBA) and Betty Gaubatz and Miss Frances Shaw '56MA.

Officers of the club are Bruce Stenberg, president; Bob Myers, vice president; and Margie Garzon, secretary-treasurer. The board of directors, consisting of former president, is Clark Dohm, Doug Thompson, Walter Gulleston and Ervin Slind.

St. Louis Alumni See Football Films At December Meeting

Twenty-seven alumni and two guests attended a meeting Dec. 5 of the Minnesota Alumni Club of Greater St. Louis.

Films of the Minnesota-Vanderbilt homecoming game were shown and L. M. Rowe of Union Electric Co. was guest speaker at the dinner meeting which followed. President R. C. Wallsmith '38BBA conducted the business meeting and Dick Cross, member of the board of directors, was program chairman.

Other officers are Norris Johnson '22BSAg, vice president, and Mrs. Fred Habenicht '21BSEd, secretary-treasurer.

Tentative plans call for additional meetings in January, March and May. Prior to the final meeting a nominating committee is appointed to line up a slate which is elected at the meeting and an officer-directors meeting is held in September to plan activities for the coming year.

The club pioneered and emphasized a scholarship for several years under the leadership of Dawes Potter '42BA.

Veterinarians to Hear Johnny Mariucci

John Mariucci, Gopher hockey coach, will be the guest speaker at the annual meeting of the Veterinary Medical Alumni Association which will be held at noon Thursday, Jan. 26, at the St. Paul Hotel.

Other speakers at the luncheon meeting will be Dean W. T. S. Thorp who will report on the school and MAA ExSecy Ed Haislet.

Any last minute changes will be carried in the Veterinary Grad which is scheduled for publication on Jan. 15.

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New York Club Holds Annual Dinner

Outstanding Achievement Award winners in the New York area and 1959 graduates of the University of Minnesota were among those attending the annual dinner of the University of Minnesota Alumni Association, New York Chapter, recently.

The meeting was held at the New York University Club and guest speaker was Dr. Jacob George Harrar '35PhD, director of Agriculture of the Rockefeller Foundation and an Outstanding Achievement Award winner.

The group also laid plans for the coming year's activities which include a social party Jan. 28 at the American Scandinavian Club in New York City, a luncheon in

April, and sectional meetings in June.

Officers for 1959-60 are Karl W. Windhorst '36BSL '38LLB, president; Mrs. John Benson, '35BSEd, first vice president; Eric B. Berglund '27BSEE, second vice president; and Miss Joanne Huseby '58BSHE, secretary-treasurer.

Members of the board of governors are Benjamin D. Black '21BSB, Burt Cohen '55BA, Miss Jean McMillan '53BSEd, John McNiff '50BSL '51LLB, Melvin C. Steen '29LLB and James E. Weldy, '38BBA, terms expire in 1960;

Carl M. Anderson '27BA '30LLB, Sigurd Hagen '15BA, Levon West, Lloyd J. Westin, John E. Sperzel and Dr. Harold Leonard '12DDS '15BA, terms expire in 1961; and Jim Morris '56BS and Donald Miller '50BS with terms expiring in 1962.

Bob Eddy Heads Journalism Alumni

Bob Eddy '40BA '48MA, managing editor of the St. Paul Dispatch, has been re-elected president for 1959-60 of the University of Minnesota School of Journalism Alumni Association.

Vice president of the association is Sheldon Peterson '34BA, news director of WTCN radio and television, Minneapolis. Nancy Schutzbach '55BA, copy supervisor of Knox Reeves Advertising, Inc., Minneapolis, is secretary.

Eddy has held Nieman and Reid fellowships for study and travel by working journalists.

Nursing Alumnae To Meet Jan. 20

Wednesday, Jan. 20, has been set by the School of Nursing Alumnae Association for its annual meeting.

The group will meet at 7:30 p.m. in Powell Hall amphitheater.

Chief item of business will be a proposed revision of the group's constitution and bylaws.

The proposed change calls for a quorum to consist of the members present at a regular called meeting of the Association providing the membership has been informed of the meeting by means of the Association Newsletter, the *Alumni News* or by a letter to all members at least four weeks prior to the meeting.

Final plans for the Jan. 20th annual meeting will be carried in a Newsletter prior to the meeting.

Greater Chicago Club Will Meet Jan. 22

The Minnesota Alumni Club of Greater Chicago will hold its annual meeting Friday, Jan. 22.

The meeting will be held at the Chicago Lake Shore Club, 850 North Lake Shore Drive.



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Two University Alumni Named To Direct Land-Grant Centennial

Two University of Minnesota alumni have been named to direct the national centennial observance of the country's land-grant colleges and universities.

President J. L. Morrill is one of 16 leading U.S. educators who will serve on a steering committee for the centennial program.

Director of the centennial will be Jay Richter '38BA, son of Mr. and Mrs. Walter J. Richter, Albert Lea, Minn. His assistant will be Mrs. Frances McStay Adams '36BA, daughter of Mrs. E. M. Stevens, Duluth.

The centennial program will be observed at individual colleges and universities and nationally throughout the 1961-62 academic year. The specific centennial date is July 2, 1962, the day 100 years before that President Lincoln signed the act establishing the land-grant system of higher education.

Plans for the event include an international convocation in November, 1961. The president of the

United States, secretary general of the United Nations and prominent educators throughout the world will be invited to speak.

Richter, who was editor of the *Minnesota Daily*, served in the Navy during WWII and has since been a magazine writer in Washington, D.C.

Mrs. Adams is the wife of a foreign service official. She has worked on educational projects in this country, South America, Egypt, India and England.

Alumnus Named College Head

Dr. Leonard Haas '54PhD, dean of instruction at Wisconsin State College in Eau Claire since 1948, in November was named president of the college by the state board of college regents.

Dr. Haas was selected by the board at a meeting in Madison at which candidates for the position were interviewed. W. R. Davies retired as president at the beginning of the fall term and Dr. Haas had been acting president since then.

He joined the faculty of the college in 1941 as an instructor in history and government.

He received his bachelor of education degree from Wisconsin State College, his master's degree in history from the University of Wisconsin and had taught at Watertown, S.D., the University of Wisconsin and Wausau, Wisc., senior high school before joining the Wisconsin State College family.

When is a Right a DUTY?

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Around and About With the Alumni

'99

Arthur C. Pratt '99EE, consulting engineer of the Montana Power Co., resigned recently after 60 years' service to Montana residents. He has been consulting engineer since his retirement from the company in 1949. He joined a predecessor of Montana Power in 1899.

'08

Carl F. Remer '08BA is conducting a research project in the field of International Economics of Communist China. It is being carried out in association with the Center for Chinese Studies at the University of California and is being sponsored by the Rand Corporation.

'11

George Morgan Drake '11EM, president and general manager of Johnson, Drake and Piper, Inc. construction firm, recently was named one of the winners of the awards given annually by The Moles for "outstanding achievement in construction." Formal presentation of the honors will be made at the Moles' Awards dinner in New York this month.

'13

Harold S. Morton '12BSE '13ME received the highest honor the Navy can give to a civilian, its Distinguished Public Service award. He won the award for his design work on missile warheads.

'19

William P. Pan '18BSChem '19MetE was honored recently at a party in his honor marking his retirement after 40 years with Oliver Mining. Pan was assistant chief mining engineer for Oliver's western mining district at Hibbing, Minn.

'28

Hugo Erickson '28BSCE, former Minneapolis city engineer, has taken a new top-level coordinating post set up by the Minneapolis city council in October.

'31

Col. Kenneth F. Ernst '28BS '30MB '31MD, a pathologist at Ft. Baker, Calif., recently was presented with the Army's Commendation Ribbon.

'33

W. J. McNamara '33BChemE has been promoted to the newly-created position of manufacturing manager for the reflective products division of Minnesota Mining and Manufacturing Co., St. Paul.

William N. Matheson '33EM has been named executive vice president of Oliver Iron Mining Division, U.S. Steel Corp. At the time of his new promotion, Matheson was Oliver's vice president in charge of operations. Since 1956 he has been responsible for the production of iron ores and concentrates from Oliver's mines and ore processing plants.



DR. J. ARTHUR MYERS '20MD (left), professor emeritus, School of Public Health, is shown here receiving the University's Outstanding Achievement Award from Dr. Robert B. Howard '42BA '44MB '45MD '52PhDMed, dean of the Medical School. Dr. Myers, career tuberculosis fighter, is the author of 17 books and more than 700 scientific articles on the control of tuberculosis. He began his teaching career at the University Medical School in 1914. Now retired, he presently is compiling an extensive research report on the history of tubercular patients seen during his years of medical practice.

'34

H. C. (Bud) Richardson '34BA has been promoted to vice president of Donaldson's department store, Minneapolis.

'36

Keith E. Yandon '36BBA, former assistant director of research for the Washington state department of business development, has been named manager of business and economic research for the Washington state department of commerce and economic development.

'37

Cledo Brunetti '32BEE '37PhD is vice president and general manager of Grand Central Rocket Co., Redlands, Calif., which recently announced a three-year multi-million expansion program with an ultra modern new solid propellant research laboratory. Dr. Brunetti received the University's Outstanding Achievement Award in 1958.

Robert T. DeVany '37BA has been named director of the National Industrial Council through which some 350 state, trade and industrial relations organizations are affiliated with the National Association of Manufacturers. DeVany is a staff member of the NAM's govern-

ment relations division and formerly government relations director of the NIC.

'38

Robert Spaeth '38BA has been named a vice president of Leo Burnett Co., advertising agency. He joined the agency as account executive in 1958 and became a brand supervisor last year.

Dr. Herbert W. Schmidt '32MB '33MD '38MSMed, a member of the Mayo Clinic staff since 1937 and professor of medicine in the Mayo Foundation, graduate school of the University, has been named a member of the board of governors of the clinic.

'40

Anne Smeland '31BS '40MA is enrolled at Garrett Biblical Institute, Evanston, Ill., for theological study.

Milton G. Boock '40MA, principal of the Frankfurt American High School, recently was presented with a citation from Maj. Gen. Edward J. O'Neill, chief of staff, U.S. Army, Europe. After having served for two years as principal of the high school and supervising principal of the American schools of Orleans, France, Boock in August was appointed principal of the Frankfurt school.



William M. Galbraith '47BA has been named director of advertising and sales promotion for Curtiss Candy Co., Chicago. Prior to joining Curtiss he was account executive for H. W. Kastor and Sons advertising, Chicago.

William A. Jarvey '47BChemE, former technical service supervisor, has been named product manager of Archer-Daniels-Midland company's vinyl plastimizer department.



Donn L. Williams '47BAeroE has been appointed assistant operations manager at Autonetics, a division of North American Aviation, Inc. William aids in the direction of product development, manufacturing and marketing of the computers and data systems division.

Kimball C. Cummings '44BEE '48MEE has been named manager of engineering of Minneapolis-Honeywell's Beltsville, Md. division. He formerly was associate director of research of the company's aeronautical division.

Capt. Warren W. Wendt '48BA has been assigned to the human factors branch of the Air Force Ballistic Missile Division.

Quinn Brunson '48BSUMD is a graduate assistant in the University of North Dakota College of Education.



A. L. Anderson '48BChE, Ponca City, Tex., has been promoted to research group leader at Continental Oil Company's research and development department. He will serve in the department's petroleum products division.

Robert Forsythe '49BSL has been appointed assistant secretary for legislation of the Department of Health, Education and Welfare. The appointment was made by President Eisenhower. Forsythe's previous position was congressional liaison officer for this department.

Rev. Earl J. Hoagberg '49BSEd has been appointed chaplain of Mounds Park and Midway hospitals and Mounds-Midway School of Nursing in St. Paul. He is former pastor of First Baptist church, Grand Island, Neb.

David V. Swenson '49BSFor received a \$2,500 Northwest Paper Foundation fellowship to do research in the continuous forest inventory system.

Ray Weis '50BA, merchandise manager for McKesson and Robinson, has resigned to join the Robert G. Johnson law firm in Willmar, Minn.

Thomas D. Olson '50BMetE has been appointed works supervisor, process control, in the metallurgical department at Duluth works of U.S. Steel's American Steel and Wire division.

Richard C. Polister '51BA has been appointed production coordinator for George Ryan Films, Inc., Minneapolis.

Dr. J. A. Gibilisco '48DDS '51MSD, consultant in the section of dentistry and oral surgery of the Mayo Clinic, has been appointed consultant in clinical dentistry for the department of dental sciences in the School of Aviation Medicine, U.S. Air Force Aerospace Medical Center, Brooks Air Force Base, Texas.

James E. Bye '51BBA was a featured speaker at the ninth annual Tax Institute at the University of Denver. He spoke on *Acquisition of Loss Corporations*.

H. F. Drew '51PhD has been named associate director of Procter and Gamble's research division, in charge of the organic research department at the company's Miami Valley laboratories.

Orlando B. Andersland '52BCE has joined the Michigan State University staff as assistant professor of civil engineering.

Dean P. Kirkpatrick '53BSPhm has been named salesman for Eli Lilly and Co. in Brainerd, Minn.

Gary R. Anderson '55BSEd who received his PhD in educational psychology and counseling from Northwestern last August, now is serving as dean of men at Arizona State University, Tempe.

James R. Weinel '56BCE has been named a project leader at the G. T. Schjeldahl Co. As a project leader he serves as an engineer in the Schjeldahl air-supported building division and is conducting practical research on air-supported structures.

Capt. Clarence W. Goldey '56MSME has been assigned as signal officer at the Atlantic Missile Range Army Field Office, Cape Canaveral, Fla.

Dr. Dennis P. Rahn '57BSVM has been named instructor in pathology in the University of Illinois College of Veterinary Medicine.

Charles R. Imm '57BA has been awarded a \$3,000 scholarship from the U.S. Public Health Service to pursue graduate study in clinical psychology at Stanford University.



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Kenneth I. Mumme '57BChE, instrument applications engineer at Kimberly-Clark, co-authored a paper presented at the Technical Association of the Pulp and Paper Industry's meeting recently.

E. F. Nuebel '57BSAg has been appointed milk foreman at Kansas City for Fairmont Foods Co.

'58

Richard B. Zoller '53BSAg '58PhD has been named director of a new economic research department established by F. H. Peavey & Co., pioneer Minneapolis grain company.

Dale F. Stein '58BMet has joined the alloy studies section of the Metallurgy and Ceramics Research Department of General Electric Research Laboratory.

Dr. Troy G. Rollins '45BS (Md) '46MB '48MD '58MS (Derm) now is the dermatologist at Woodland Clinic in Woodland, Calif.

'59

Frank Richard Rawlins '59BBA has enrolled as a member of the June 1960 class of the American Institute for Foreign Trade.

Patrick A. Brooks '57-59 was named professor of English at Nebraska Wesleyan University.

Edna Jordahl '59MS was appointed extension home management specialist at the University. For seven years she was home management supervisor of the Farmers' Home Administration in North Dakota and also served as home agent in Minnesota for several years.

Dr. Alfred H. Sather '57DDS '59MSDS has been appointed a member of the Mayo Clinic staff.

Represent University

University alumni during recent months have represented the University of Minnesota at college and university inauguration ceremonies throughout the country.

Recent representatives are *Dr. Duncan McConnell '37PhD*, University of Virginia; *Leo A. Isaac '20BS*, Portland State College, Portland, Ore.; *Selmer H. Berg '24MA*, Mills College, Oakland, Calif.; *Dr. William R. Sears '34-BAE*, Keuka College, Keuka Park, N.Y.; *Carl W. Painter '15BA*, The Cooper Union for the Advancement of Science and Art.

Dr. E. A. Larson '37BS '38MB '39-MD '46PhD, Western Washington College of Education, Bellingham, Wash.; *Dean Frank H. Heck '28MA '29PhD*, Georgetown College, Georgetown, Ky.; *C. W. McMullen '30-BChemE '35PhD*, Westover School, Middlebury, Conn.

Dr. Robert Keller '40MA '47PhD, St. Paul Bible College; *Ben F. Penrose '32ME*, University of Toronto; *D. F. Jurgensen '31BChE '32MS '34-PhD*, West Virginia University, Morgantown, W. Va.

ALONZO J. VROOMAN '34BME (right), Springfield, Va., recently was the recipient of a certificate and a cash award for "sustained superior performance" of his duties at the U.S. Army Engineer Research and Development Laboratories, Ft. Belvoir, Va. Shown here receiving congratulations from Col. A. H. Bagnulo, assistant director, Vrooman was cited for his work as chief of the applications engineering branch in the mechanical engineering department.



Summa Cum Laude



to A Medal Winner

Col. Kenneth W. Foster, departing assistant commander of the U.S. Army Communications Zone in Orleans, France, on his receiving the Legion of Merit, second-highest U.S. peacetime award. The award was presented in November, the same month that Col. Foster received the Legion of Honor, France's highest decoration which was presented for the first time since World War II. Col. Foster was commissioned in the Army in 1926 on completion of his ROTC training at the University of Minnesota, where he was a Distinguished Military Graduate. He entered active Army duty in 1940. Col. Foster, who will retire soon, is a 25-year gold star member of the Reserve Officers Association. His military decorations include the Bronze Star, Army Commendation Ribbon with pendant, two French Croix de Guerre with gold stars, and the French Legion of Honor, Chevalier grade. Other medals include the American Defense Medal, American Theater Medal, European Theater Medal with two campaign stars, Victory Medal, Occupation Medal for both Japan and Germany and the Armed Forces Reserve Medal. He received his bachelor's degree in civil engineering from the University in 1926.

A Presidential Appointee

John S. Samson, Omaha attorney, who recently was appointed by President Eisenhower as a member of the National Water Pollution Control Advisory Board. Samson, 51, has been chairman of the Nebraska State Pollution Control Council and a member of special federal hearing boards on water pollution in Sioux City, Ia., and St. Joseph, Mo. Engaged in the active law practice since 1937, he has been admitted to practice in the state courts of Nebraska, U.S. district courts of Iowa and Nebraska, the U.S. court of appeals at St. Louis and the Supreme Court of the U.S. He has been interested and very active in water pollution abatement for the past 15 years. He is past president of the Nebraska Young Republicans Club, was a regional director of the Young Republican National Federation, an alternate delegate to the last four Republican National Conventions and is a member of the Central Committee, delegate to the state and county Republican conventions. He attended the University from 1929-31 and graduated from Creighton University College of Law in 1937.



An ICA Director

Dr. Raymond B. Allen, former chancellor of the University of California, on his appointment as director of the International Cooperation Administration's Mission to Indonesia. Dr. Allen, who is president of the Second World Conference on Medical Education, recently has been making a survey of higher education for the Indonesian government on a special assignment under the ICA technical assistance program. Prior to assuming his office as chancellor of the University of California at Los Angeles in 1952, Dr. Allen served for five years as president of the University of Washington. Dr. Allen '24BS, '25BA '28MD '34PhD also has received honorary LLD degrees from Tulane, the University of Illinois, Lake Forest College, the University of Hawaii, Boston University, Gonzaga University and the University of Southern California, and the DSc degree from Whitman College.



Members Listed, Whereabouts Unknown

In hopes that some of our more than 16,000 MAA members might know the whereabouts of their classmates, the Alumni News will run, from time to time, names of members who have insufficient addresses for mailing purposes.

The following are all *paid-up life members*. If you know someone on the list—and know his address—drop us a line. Their memberships are waiting for them and you'll be doing both the MAA and your friends a real service if you can help us locate them.

'19

Mrs. Charles D. Bowen '19BA
(Alma B. Wolean)
Mrs. Theodore Hatch '19BSHE
Mary P. Lean '19BSED

'20

Harold A. Jules '20E
Dr. Robert H. Kennicott '20MD
Dr. R. E. St. Clair '20MD
Clarence P. Tenneson '20BA
Russell E. Westberg '20BSE

'21

Mrs. Vere H. Broderick '21BA
(Jessica Potter)
Margaret E. Cross '21BA
Ralph E. Graham '21BSED
Dr. Allen T. Newman '21DDS
Leona Thomas '21BSHE
Dr. Gregory J. Van Beeck '21MD

'22

J. Carroll Barr Jr. '22EM
Mrs. Lloyd C. Beach '22BSHE
Maurice Chernus '22BSCE
Vivian A. Gibson '22BA
Marguerite K. Myles '22BSHE
Dr. David W. Smith '22DDS

'23

Mrs. C. P. Van Schaack '23PhD

'24

Victor H. Bouquet '21-24
Dr. Janette H. Jennison '24MD
Rev. Taito A. Kantonen '24BA
Josephine Lies '24BSHE
Ralph M. Montgomery '24BSEE
Margaret Nary '24BSED

'25

Falmar Bjerre '25ME
Edith B. Kiehle '25BSED
Elesa Simonson '25GN

'26

Dr. Mary Fetter '26MD
Mrs. Leo A. Henkora '26BSED
William G. Littell '26BSB

'27

Alice M. West '27GN
Isaac J. Wilson '27BSED

'28

Dorothy Motl '28GN

'31

Emily E. Grant '31GN

'33

Ralph S. Hardiman '33LLB

'34

Mrs. M. A. Hass '34AA

'44

Agatha J. Nelson '44BSHE

'50

Lois I. Maxwell '50BSHE

'51

Irene Haarstick '51BSNursEd

Dates unknown

Edward H. Bertram
Blanche Christie
Elizabeth Healy
Lucille S. Levine
E. Donnell Meeks
Glenn H. Nelson
Joseph M. Thill

New Life Members

Dr. Henry A. Korda '39BS '41MB
'42 MD

Pelican Rapids, Minn.

Dr. Walter G. Benjamin '18BS
'20MB '21MD

Mrs. Walter G. Benjamin '22BSHE
Pipestone, Minn.

Dr. William J. Blackwell '42MSMd
Evanston, Ill.

Dr. Theodore J. Konig '47BA
'49BSMd '51MB '52MD
Fontana, Calif.

Estelle G. Griffen '57BS
Mpls., Minn.

Dr. Frederic F. Wiperman '37MB
'38MD
Mpls., Minn.

Dennis T. Wilson '56BA '58MA
Mpls., Minn.

L. A. Malkerson '35BSAgE

Mrs. L. A. Malkerson '36BSHE
Mpls., Minn.

Mrs. K. W. Anderson '22BSEd
Excelsior, Minn.

Mrs. N. M. Breiseth '30BA
Los Angeles, Calif.

H. C. Gabrielson '50BEE
Sunnyvale, Calif.

S. Devakula '52Nurs
Bangkok, Thailand

Clare I. Long '14-17
Mpls., Minn.

H. A. Nelson '51UMD
Richmond, Va.

Deaths

Grads Before 1900

Frederic Carrol Baldy '95BA '98LLB, a Master at St. Mark's School, Southboro, Mass. for 37 years, Nov. 14 at Mount Kisco, New York. Senior Master when he retired in 1939, he taught mathematics and physics. During the past 20 years he had devoted his time to the ideology of Moral Re-Armament. He traveled with Dr. Frank Buchman, initiator of Moral Re-Armament in this country and Europe, and participated in World Assemblies at Mackinac Island and Switzerland. Before going to St. Mark's he taught for several years at Shattuck Military Academy, Faribault, Minn.

Thomas Wallace '93BA '95LLB, 88, died Nov. 30 in Minneapolis after an extended illness.

A member of Phi Beta Kappa honorary society, Phi Delta Phi legal fraternity and Chi Psi social fraternity, he was former president and chairman of the board of Farmers & Mechanics Savings Bank of Minneapolis.

He served as president of the Greater University Corp. during its campaign to build Northrop Auditorium and Memorial Stadium and in 1951 he received the University's Outstanding Achievement Award.

William Aspley Harding '97BS, 84, Nov. 7 in a Raymondville, Tex. hospital after an illness of two weeks. From 1907 to 1911 he served in the Minnesota House of Representatives and in 1913 he moved to the Rio Grande Valley where he was a pioneer settler and developer of Willacy County. *Alva Andrew Lindahl* '97BS, his brother-in-law and also a pioneer in the area, passed away in 1954.

Joseph Bailey McIntosh '98SME last year in Hollywood, Calif.

Harry Clark West '02LLB in Buffalo, Minn., recently.

Dr. Oliver Milton Porter '02PhmC '05MD recently in Willmar, Minn.

Miss Nellie S. Trufant '95-'03 recently in Minneapolis.

Charles A. Lang '06EE Nov. 25 in Minneapolis. He was a construction engineer for the Nicollet Hotel and Rand Tower as well as other Minneapolis buildings.

Margaret E. McFetridge '08BA Nov. 9 in Fresno, Calif.

Eliot Bryant Josephson '10EE on August 22 in Red Wing, Minn.

Morgan J. Hanrahan '10LLB on June 5 in Denison, Iowa.

Dart Hendrickson Lyford '11EE last December in Los Angeles, Calif.

Deaths

Carrie Dorothea Schabacker '11BA, a chemistry teacher, recently in Asheville, North Carolina.

Josephine Theresa Littel '12BA recently in Minneapolis.

Mrs. Hermann A. Meybohm '14BSHE recently in Minneapolis.

Dr. Benjamin John Stahmann '14DDS recently in Minneapolis.

Mrs. Lillian Kronzer '15BA Nov. 10 in Houston, Texas.

Harry Hartwick Nord '16ME, retired automobile dealer, on April 11 in Buhl, Minn.

R. T. Elstad '19BSE, 64, president of U.S. Steel's Oliver Iron Ore Mining operations in northern Minnesota, Dec. 14 at his Duluth home. A former member of the MAA Board of Directors, he received the University's Outstanding Achievement Award in 1951. Elstad joined the Oliver division 40 years ago and worked his way up from engineer to the position of president in 1946.

Dr. O. L. Veach '19MB '20MD recently in Sheridan, Wyo.

Professor Emeritus Charles W. Boardman '19-20 passed away Nov. 23 in a Minneapolis hospital after having suffered a stroke a month previously.

Prof. Boardman had received the University's Outstanding Achievement Award last June and also was holder of the Outstanding Alumni Award from Grinnell College, Grinnell, Iowa.

He retired from the University in 1954 after serving 30 years on the faculty. He joined the staff in 1924 and for many years served as principal of University high school and director of student teaching. He also was instrumental in the founding of the Minnesota Association of Secondary Schools.

Miner J. Markuson '23BSArch, associate professor of agriculture engineering at the University of Massachusetts, recently in Amherst, Mass. He retired two years ago after 32 years of teaching. He designed many homes in the Amherst area as well as several buildings on the University of Massachusetts campus. He served with the U. S. Engineers in 1918

and 1919 and from 1923 to 1925 taught at the Virginia Polytechnic Institute, Blacksburg, Va.

Vernon M. Babcock '23BSEE, president of Pioneer-GMC Trucks, Inc., Nov. 29 in Minneapolis. After graduation he worked for General Motors Corp. serving as regional fleet manager on both west and east coasts.

George James Wolf '25BA recently in Minneapolis.

Miss Jean Reinhardt '27BSEd '27GN recently in Fountain City, Wis.

William O. McMillan '28BA Nov. 14 in Minneapolis. He had been an insurance salesman for 21 years.

Dr. Detlof Emmanuel Johnson '26BS '28MB '29MD recently in So. St. Paul, Minn.

Mrs. Helen Carlson Otto '29BA, a social service worker at Minneapolis General Hospital for 22 years, Nov. 15 in Minneapolis.

Walwin Henry Hoffman '29BME recently in Houston, Texas.

Wilfred Kenneth Nissen '29LLB recently in Winona, Minn.

Oliver I. Schwager '30BME in September at Fargo, No. Dak.

Dr. Leopold Gordon Samuelson '29BS '30MB '31MD recently at St. Peter, Minn.

Frank Joseph Smykal '31BEE last spring at Hopkins, Minn.

Herald Kenyon Palmer '38MSME, 59, assistant professor of mechanical engineering, passed away Nov. 20 following a heart attack.

He suffered his first attack last August and had returned to part-time work in October.

Mrs. Coletta A. Hanson '32GN Nov. 16 in Minneapolis. She was head nurse of the maternity ward at Abbott Hospital.

Clarabelle Fredheim '36MS recently. She was a teacher at Community High School, East Peoria, Ill.

Helen L. Crowley '28-'31 Nov. 23 in Minneapolis.

Calvin Howard McClintock '24BSAg '37MA, head of the industrial arts education department at Bemidji State Teachers College, recently in Bemidji, Minn.

Frank A. Janes '29BA, 51, of a heart attack in December. The Minneapolis attorney was a member of Chi Psi fraternity.

Dr. Nelson Lionel Johnson '39DMD recently in Renville, Minn.

Kenneth Jerome Larson '42DST recently in Cloquet, Minn.

Muriel DeElda Siverson '45BSEd recently in St. Paul.

Homer W. Godfrey '42MA, 64, in December. He was superintendent of schools of Waseca, Minn., for 10 years and at Olivia, Minn., for seven. At the time of his death, he had been principal of Harding high school, St. Paul, for 20 years.

Elmer L. Swanson '35BSEd '48MA last year in St. Paul.

Winfred Orville Winchelmann '48BBA recently in Glencoe, Minn.

James A. Wales '50BBA recently in Minneapolis.

James Cecil Keyes '51BBA recently in Minneapolis.

John D. Conklin '54BSEd, a speech pathologist for the crippled children's services, Minnesota Department of Welfare, Nov. 25. He had taught from 1954 to 1958 at the Michigan School for the Deaf and was working toward a master's degree at the University of Michigan when he died.

A. B. Samela '43BSAg '46MS '58PhD, 45, on Dec. 12. He was assistant professor and animal husbandman at the University's North Central School and Experiment Station, Grand Rapids.

Mrs. Margaret Mumford Neale, 63, who taught home economics at the University from 1918 to 1922, last month in Minneapolis. She was the wife of Dr. M. G. Neale, professor emeritus of education at the University. After losing her sight six years ago, Mrs. Neale devoted her time to work for the blind. Among her projects was a "talking book" of recipes for sightless homemakers. She also worked with the Minneapolis Society for the Blind on a set of records for teaching typing to the blind.

Space-age careers at Boeing



This year, engineering and science alumni will find more challenging and rewarding careers than ever at Boeing. Advanced missile and space-age programs are expanding, and the proportion of engineers and scientists to Boeing's total employment is growing steadily. Boeing programs include the Dyna-Soar boost-glide vehicle, Minuteman solid-propellant ICBM, BOMARC defense missile system, B-52G missile bomber, KC-135 jet tanker-transport, the Boeing 707 jetliner, and lunar, orbital and interplanetary systems and advanced research projects. A few of the many immediate openings are listed below:

ADVANCED CONFIGURATION DESIGN

WICHITA AREA

M.S. or Ph.D. in A.E. to create configuration of new vehicles proposed by potential military or civilian customers. Creative design of vehicles based on general parameters of missions (payload, performance, etc.). In addition to configuration, special features such as handling payload (i.e., cargo, passengers) and comparison with competitors proposals are investigated.

INFRARED

SEATTLE AREA

Electrical engineer or physicist with advanced degree to set-up and direct an Infrared System Group involved in: (1) Studies and analyses of infrared systems, techniques and phenomena, (2) Definition of models and parametric relationships, and (3) Synthesis of advanced infrared sub-systems (search, track, terminal guidance, mapping, surveillance, and scientific instrumentation) for integration into larger systems.

ELECTRONICS-RELIABILITY

SEATTLE AREA

Electrical engineer with B.S. degree minimum (graduate work or equivalent experience desired) to organize and manage reliability programs; to establish requirements, evaluate reliability data and initiate corrective action for missile components and tactical test equipment.

ELECTRONICS-DIGITAL COMPUTER

SEATTLE AREA

Engineers with advanced E.E. degree or particularly applicable experience to design and integrate digital computers in advanced military and space programs, involving internal logic design of the computers and the external organization of the associated equipment used in the guidance and control system.

ENGINEERING ANALYSIS & PROGRAMMING

SEATTLE

Mathematicians or engineers with B.S. to Ph.D. degrees to work in engineering computing and analysis areas. Analysis positions involve correlation and conversion matrix studies, trajectory simulation programs, error analysis and simulation studies and many others. Computing positions involve programming a wide variety of complex engineering problems to be solved with high-speed electronic data processing machines—digital and analog.

PLASMA PHYSICS

SEATTLE AREA

Experimental physicist with Ph.D. in physics for the staff of the Plasma Physics Laboratory, Boeing Scientific Research Laboratories, to conduct studies in the field of Basic Experimental Micro Wave Plasma Physics, Basic Transport Properties of Plasmas and in Theoretical and Experimental Quantum Plasma Physics.

OPERATIONS & WEAPONS SYSTEMS ANALYSIS

WICHIT.

M.S. or Ph.D. in math, physics, electrical or aeronautical engineering to obtain data on the anticipated operational environment of the devices under study by Advanced Design Staff. Devise analytical models of procedures describing operation of the devices in order to estimate the operational utility of same under study. Studies compare Advanced Design products with other companies and demonstrate anticipated utility to the customer.

ELECTRONICS-TELEMETRY

SEATTLE AREA

B.S.E.E. with good knowledge of telemetry systems, transducers, and systems providing inputs into telemetry systems, to work on telemetry systems integration. This requires ability to represent the company in meetings with the customers and associate contractors.

ELECTRO-MAGNETICS

SEATTLE AREA

Ph.D. in electrical engineering or physics to direct and participate in the work of a research group engaged in the theoretical and experimental investigation of the propagation and reflection of electro-magnetic waves in the presence of a plasma.

WELDING ENGINEERING

SEATTLE AREA

Engineers with degree in Met.E., Mech.E., E.E. or equivalent, to maintain weld equipment, design tools, develop techniques and direct proper use of this equipment, and establish processes for all types of welds used in the unit, including weld settings for qualification programs.

PERFORMANCE & STABILITY & CONTROL ANALYSIS

SEATTLE AREA

Aeronautical engineers at B.S. and M.S. level to conduct performance analysis and stability and control analysis. Each field is intimately associated with flight testing and wind tunnel testing. Performance assignments include preparation of sales presentations, operating instructions and preliminary design work in connection with new aircraft; stability and control assignments cover wing and tail design as well as studies concerning detailed control systems.

GEOSTROPHYSICS

SEATTLE AREA

Theoretical physicists or astronomers with Ph.D. in physics or astronomy on the staff of the Geostrophysics Laboratory, Boeing Scientific Research Laboratories, to carry out theoretical research studies in the field of Geostrophysics, particularly in connection with the phenomenology and physics of the planetary system. Excellent support is available for research in Solar Physics, Solar Terrestrial relationships and Upper Atmosphere Physics.

Advantages you'll enjoy at Boeing include up-to-the-minute facilities, unexcelled research equipment, insurance and retirement programs, and a company-paid graduate study program (M.A. and Ph.D.) designed to help you get ahead faster.

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ALUMNI NEWS

ALUMNI NEWS

(Our 59th Year)

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JOSEPH H. DAVIDSON '56BA Editor
EDWIN L. HAISLET '31BSEd Managing Editor

THE MINNESOTA ALUMNI ASSOCIATION
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Term expires 1960: Wendell T. Burns '16BA, Charlotte Winget Chope '27BA, Malvin J. Nydahl '28BA '35MD, Raymond O. Mithun '30BA.

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Term expires 1963: Elmer L. Andersen '31BBA, John A. Moorhead '30BA, Arthur H. (Red) Motley '32BA, Cyril P. Pesek '25BS, Otto A. Silha '40BA.

Representatives on Coffman Union Board of Governors: D. G. Wolfangle '49BEE. Representative on St. Paul Union Board of Governors: Mary Ellen Hanson McFarland '43BS(HE). Representatives on University Senate Committee: Athletics, Elmer F. Engelbert '20BA, Leif R. Strand '29DDS; Military Affairs, Norman E. Hendrickson '16BSE, Robert L. Stuebing '32NG; Student Affairs, Madeline Roth Merriman '38BSEd, Victor S. Rotering '49BA.

MAA Standing Committee Chairmen: Honors, Arnulf Ueland '17BA; Investments, John A. Moorhead '30BA; Past President, Arthur R. Hustad '16BA.

Representing the Constituent Alumni Associations: Axel Bendickson '52BSVetMed '54DVM, College of Veterinary Medical Alumni Association; Seymour Grossman '51BSPHm, College of Pharmacy Alumni Association; Leif S. Harbo '32MA, Alumni Association of the College of Education; Clifford L. Jewett '31BSChemE, Alumni Association of the Institute of Technology; Phyllis Lee '48BS, School of Nursing Alumni Association; Kenneth C. Glaser '42BBA, School of Business Administration Alumni Association; Neil E. McGraw '55AMS, Mortuary Science Alumni Association; Carroll K. Michener '07BA, College of Science, Literature and Arts Alumni Association; Roger R. Nolop '46DDS, School of Dentistry Alumni Association; Howard E. Olson '47BS Alumni Association of the College of Agriculture, Forestry and Home Economics; Roy H. Teppen '30DSTC, UMD Alumni Association; Virgil J. P. Lundquist '42MB '43MD '53MS, School of Medicine Alumni Association.

Representing the special non-constituent groups: Carmen Ruth Nelson Richards '13BA, Minnesota Alumnae Club; Norb Koch '50BSEd, "M" Club.

Honorary Board Members

Past Presidents: William F. Braasch '00BS '04MD, Victor Christgau '17SchAg '24BSAg, George Earl '06BA '09MD, Arthur R. Hustad '16BA, Arthur O. Lampland '30BBA '34LLB, Harvey Nelson '22BS '25MD, Ben W. Palmer '11BA '13LLB '14MA, Wells

Cover Story

The University of Minnesota has one honor which it gives only to its alumni—the Outstanding Achievement Award. It is presented for exceptional achievement in the recipient's field of endeavor. To receive this highest of all honors for a University alumnus, he must be chosen by the University Board of Regents on the basis of recommendations by the Committee on University Honors.

In the 12 years since the award has been established, only 299 have been conferred—a small number when compared with the University's more than 400,000 former students.



Shown on the cover of this month's *Alumni News* are just a few of the winners. The rest are inside the issue, which is devoted to the University's select 299.

Pictured on the cover in the two center pictures are Halsey W. Wilson '90-92 receiving his award from President J. L. Morrill, and David Wield Robertson '20MS '28PhD receiving his award from Dean C. H. Bailey.

Wilson, now deceased, was one of the first recipients of the Award in 1948. He was founder of the H. W. Wilson Publishing Co. New York. Robertson, head of the agronomy department at Colorado State University, received his in 1947.

Other award winners pictured on the cover are (clockwise from the top lefthand corner) Charles H. Rogers '18PhD; Robert J. Noble '22MS '23PhD; R. Conrad Cooper '26BSCE; William H. Cartwright '37BSEd '42MA '50PhD and Charles W. Boardman, deceased, '19-20; James J. Lingane '35BChem '38PhD; William Dawson '06BA; Dr. Jay Myers '20MD; Frederick R. Kappel '24BEE; Elmer W. Engstrom '23BSEE; Harrison E. Salisbury '30BA; and Dr. Jee Lum Wong '22DDS.

For the story of the University's awards and recognitions see page 4, followed by a directory of the University's Outstanding Achievement Award winners.

J. Wright '36BSL '36LLB, Edgar F. Zelle '13BA, Francis A. Lund 1931-35, Hibbert M. Hill '23BSCE, Glenn E. Seidel '36BME, Leif Strand '29DDS, J. D. Holtzermann '21BA.

Past Treasurers: Thomas F. Wallace '03BA '05LLB, Arnulf Ueland '17BA, Wendell T. Burns '16BA, Sam W. Campbell '25BA '27LLB.

Honorary Life Association Members: Dr. J. L. Morrill, President of the University.

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Historian, Educator, Administrator

Regents Name

Dr. Wilson

New President



President O. Meredith Wilson

The University of Minnesota's nine-month quest for a successor to President J. L. Morrill ended Thursday, Jan. 14, when University Regents gave unanimous approval to Dr. O. Meredith Wilson, president of the University of Oregon.

Dr. Wilson's election was announced at 5:10 p.m. Jan. 14 by Honorable Ray J. Quinlivan, chairman of the Board of Regents.

President Morrill will retire June 30, having reached the mandatory retirement age of 68. He has been president since 1945.

In announcing the election of Dr. Wilson, Quinlivan said that the president-elect's responsibilities to the University of Oregon may make it impossible for him to take office on July 1, the originally-designated date.

The Oregon State Board of Education will meet March 8 to determine the remaining duties of the new University president. Although the board may prolong Dr. Wilson's tenure at Oregon, he will take over full duties at the University by Sept. 1.

Dr. and Mrs. Wilson and their six children will occupy Eastcliff on North Mississippi River Boulevard in St. Paul, the home given to the University by the Edward Brooks family for the use of future presidents.

In accepting the University presidency, the University of Oregon's ninth president, who will also become the University of Minnesota's ninth, stated:

"I'm sensitive to the honor of being elected to the chancellorship of the University of Minnesota. I have been attached to and happy at the University of Oregon and will leave it with considerable sorrow."

Dr. Wilson, 50, has had a distinguished career as a history professor as well as administrator.

His six-year term as president of the University of Oregon has been distinguished by emphasis on the liberal arts and encouragement of research and intensive scholarship at all levels, particularly in the graduate school.

Born in Mexico where his father headed a Mormon academy, he was reared in Utah where he did his undergraduate work at that state's Mormon Brigham Young University, graduating with Phi Beta Kappa honors in 1934.

He subsequently taught history at Brigham Young, did graduate work at the Universities of London and Heidelberg, Germany, and received his PhD from the University of California in 1943.

There followed a period of teaching at the University of Chicago, where he also was associate dean of the college, and the University of Utah where he became dean of university college in 1948.

He left in 1952 to become executive secretary and operating head of the Fund for the Advancement of Education, a subsidiary of the Ford Foundation, a post in which he remained until his election to the Oregon presidency in 1953.

Last October he was named chairman of the American Council on Education, an organization charged with coordinating the work of other nationwide educational groups.

Last May the Council on Higher Education for American Republics named him to serve on a commission to strengthen relations between universities of North and South America. He left last month after being named University president on a six-week tour, visiting the universities of nine South American countries before attending a conference on higher education in Chile Feb. 22-26. He was accompanied by Mrs. Wilson.

“Distinguished Graduate of the University....”

These words preface the presentation of the University's highest award to an alumnus . . . the Outstanding Achievement Award.

Less than 300 of the University's more than 400,000 former students have received this award—which is conferred only upon alumni or former students of the University who have gained distinction in their chosen fields, professions or public service, and who have demonstrated outstanding achievement and leadership on a community, state, national or international level.

From June 11, 1948—when the first two Outstanding Achievement Awards were presented on Alumni Day—until Dec. 3, 1959—when the two most recent awards were presented at the annual meeting of the Institute of Technology Alumni Association—only 299 Outstanding Achievement Awards have been presented, an indication of the honor.

Alumni to receive the Outstanding Achievement Award are chosen by the University Board of Regents on the basis of recommendations by the University Honors Committee. Nominations may be made to the committee by any member of the faculty or staff of any department, school, college, institute or other unit of the University, the Alumni Association, or alumnus.

The Outstanding Achievement Award, to which this issue of the *Alumni News* is devoted, is only one of several awards and recognitions which the University confers on prominent local, state, national and international figures who have achieved distinction and

recognition in public service, education, science, literature or the arts.

Honorary degrees, another form of University recognition, may be conferred upon individuals who have achieved distinction in scholarship or public service. The recipient must be a person of acknowledged eminence and a substantial contributor to the arts, literature, science, the professions or the field of public service.

Nominations for honorary degrees are considered only if the individual (1) Has rendered distinctive service to the University; (2) Has rendered distinctive public service to the state, or; (3) Is a former University student or graduate who has achieved unusual distinction in a particular field.

Honorary degrees are conferred only sparingly by the University. In the period between 1925, when the first of such degrees was awarded to former University President William Watts Folwell, until 1958, only 37 such degrees were awarded.

The Alumni Service Award, likewise a University Regents' Award, may be conferred upon alumni or former students of the University in recognition of service given to the University, its schools, colleges, departments or faculty, or to the Alumni Association or any of its constituent groups. Nominations for the award will be accepted by the University Honors Committee only from or after review by the Alumni Honors Committee of the Minnesota Alumni Association.

Col. Bernard Aabel

'32BS(Phm). Chief of the Medical Service Corps, Office of the Surgeon General, Department of the Army, Wash-



ington, D.C. Entered active duty in 1941 as a 2nd lieutenant of the Medical Administrative Reserve Corps and in 1950 was made colonel. A veteran of the European campaign during World War II, Col. Aabel was decorated with the bronze star, purple heart and commendation ribbon. Phi Delta Chi. *Received Outstanding Achievement Award May 1, 1956.*

Dr. Fred L. Adair

'98BS '18MA. Professor Emeritus of Obstetrics and Gynecology of the University of Chicago. Now living in Mait-



land, Fla. Dr. Adair, who received his MD in 1901 from Rush Medical College at the University of Chicago, has been nationally honored for his work in reducing maternal mortality. He started his teaching career at the University of Minnesota in 1903

as an assistant professor of obstetrics and gynecology, leaving as a professor in 1929 to join the Chicago faculty. In 1931 he was named chairman of their department. Sigma Xi, Delta Upsilon, Nu Sigma Nu. *Received Outstanding Achievement Award Oct. 8, 1951.*

Dr. Raymond B. Allen

'24BS '25MA '28MB '34PhD. U.S. Foreign Aid Director to Indonesia and former Chancellor of the University of California. In 1934



appointed associate dean in charge of graduate studies at Columbia's College of Physicians and Surgeons and associate director of the Postgraduate Medical School in 1936. Past dean of Wayne University's College of Medicine. Executive

dean of the Chicago Colleges of the University of Illinois from 1939-46. President of the Second World Conference on Medical Education. Sigma Xi, Alpha Omega Alpha, Phi Delta Kappa, Phi Beta Kappa. *Received Outstanding Achievement Award Oct. 8, 1951.*

Edna P. Amidon

'19BSHE '27MS. Chief of the Home Economics Education Branch, Federal Security Agency, Washington, D.C.



Through membership in national educational organizations she has contributed to the broader field of education. She has been co-author of many bulletins and pamphlets, books for secondary schools, and contributes articles to national educational journals. She is a member of Phi Upsilon Omicron, Omicron Nu and Pi Lambda Theta. *Received Outstanding Achievement Award March 31, 1953.*

Elmer L. Andersen

'31BBA. President of H. B. Fuller Co., St. Paul. He joined the industrial adhesives company, which he now heads,



in 1934 in advertising and sales promotion, became sales manager in 1937 and president in 1941. He was a member of the state legislature from 1949-59. Active in politics, he was chairman of the Republican State Convention in 1952 and a delegate to the 1948 Republican national convention. He is past president of the Adhesive Manufacturers Association of America, active in civic affairs and a member of the MAA executive committee. *Received Outstanding Achievement Award Nov. 19, 1959.*

Carlyle E. Anderson

'32BBA. President of Wyckhoff Anderson Co. In addition he has been president of Monogram Glass Co., Inc., Evan-



ston, Ill., since 1937, and president of Monogram Glass Co. of Canada, Ltd. He began his business career in the sales department of Marshall Field & Co., Chicago, in 1933, and from 1936-38 was creative editor of Hart Publications, Inc., Chicago. In

1938 he was named vice president of Hart in charge of the creative and sales department. Other business activities include director of First National Bank and Trust Co. of Evanston. Kappa Sigma, Alpha Delta Sigma. *Received Outstanding Achievement Award Nov. 19, 1959.*

Frank M. Anderson

'94BS '96MA. Professor of History at the University from 1898-1914 and Professor of History at Dartmouth from



1914 until his retirement as Professor Emeritus in 1941. Now living in Florida. A historian who believes that history must embrace the present to interpret the past. The oldest living University of Minnesota alumnus in the history field.

Anderson, a specialist in American and modern history, served for three months on the staff of the American Commission to Negotiate Peace at the Paris Peace Conference. Beta Theta Pi, Phi Beta Kappa. *Received Outstanding Achievement Award May 22, 1953.*

G. Lester Anderson

'41PhD. Professor and Dean of Education of the four colleges of the City of New York. He is a distinguished writer, speaker, teacher, research worker and educational consultant. Consultant on teacher education for the U.S. Office of Military Government for Germany in 1947 and has been extremely active in major educational organizations of the U.S. He is the author of several monographs and many articles in educational journals, has written numerous educational articles and published in the area of educational research. A member of Phi Delta Kappa. *Received Outstanding Achievement Award March 28, 1956.*

Joseph A. Anderson

'24BSME. Vice President and General Manager of AC Spark Plug Division of General Motors. While at the University



he was a member of the Engineering College's student council and president of his class. In 1924 he became plant foreman of the AC Spark Plug Co. and after 29 years attained his present position. He has been on the board of directors of the Flint Junior

Chamber of Commerce and is past president and board director of the Industrial Executives Club. A member of Tau Beta Phi, honorary engineering society, of Detroit. *Received Outstanding Achievement Award Dec. 9, 1955.*

Lawrence B. Anderson

'26BS '27BS(Arch). Professor and Head of the Department of Architecture at Massachusetts Institute of Technology, Cambridge, Mass.



Anderson, who received his MARCH at the Massachusetts Institute of Technology in 1930, was Student Ecole des Beau Arts in Paris from 1930-32. Active in outside architectural activities, he also is a partner in the Anderson,

Beckwith and Haible architectural firm. A Fellow of the American Academy of Arts and Sciences and Royal Academy of Fine Arts, Copenhagen. Received Outstanding Achievement Award Oct. 5, 1950.

Minton M. Anderson

'20BBSchem '21BBSchemE. Vice President in Charge of Personnel and Industrial Relations, Aluminum Co. of America. Following graduation in 1921 he was appointed manager of the Minnesota Union and served in that capacity until 1930 when he resigned to join the Aluminum Co. of America where, in 1942, he was appointed vice president in charge of



personnel and industrial relations. He also is vice president and director of the Pittsburgh Children's Service Bureau and the National Association of Manufacturers, president and director of Tri-State Industrial Association. Received Outstanding Achievement Award May 14, 1954.

William Anderson

'13BA. Professor Emeritus of Political Science at the University of Minnesota and Former Chairman of the Department. Prof. Anderson began his teaching career in 1915 as an instructor in government at Harvard University but joined the University staff in 1916 and served until his retirement in 1947. A member of the Commission on Intergovernmental Relations since



1953, he served as president of the Minneapolis Research Bureau from 1941-47. He is former first vice president and president of the American Political Science Association. Author of several books. Phi Beta Kappa. Received Outstanding Achievement Award Oct. 22, 1959.

Grace Armstrong

'28BA '33MA. Associate Director of Professional Education at Mankato State College, Mankato, Minn. She is well known for her leadership in the preparation of elementary and rural teachers in Minnesota, insight into the problems of a classroom teacher and a scholarly approach to these problems and her untiring efforts to lift the standards of the teaching profession. The author of several books and articles, she also is the member of many local, state and national educational groups. Delta Kappa Gamma, Pi Lambda Theta. Received Outstanding Achievement Award June 25, 1958.



profession. The author of several books and articles, she also is the member of many local, state and national educational groups. Delta Kappa Gamma, Pi Lambda Theta. Received Outstanding Achievement Award June 25, 1958.

Dr. L. Earle Arnow

'34PhD '40MB '40MD. Vice President and Director of Research of Sharpe & Dohme Division of Merck & Co., Inc., New Jersey. Dr. Arnow, who has held his present position since 1953, joined the firm as director of biochemical research in 1942. He taught in the physiology chemistry department at the University from 1931-42. He has published numerous articles and is the author of two textbooks. Gamma Sigma Epsilon, Rho Chi, Phi Sigma, Alpha Epsilon Delta, Alpha Omega Alpha, Sigma Xi, Sigma Chi, Phi Beta Pi, Gamma Alpha. Received Outstanding Achievement Award Sept. 14, 1955.



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Mrs. Clara Brown Army

'13BA. Professor Emeritus in Home Economics Education at the University of Minnesota. Author of eight studies in the home economics field, Mrs. Army also was a frequent contributor to the educational journals. She served as consultant to President Roosevelt's Advisory Commission on Education in 1937 and was a consultant to the Workshop of the American Home Economics Association and General Home Education Board in 1946. From 1942-45 she was director of a Survey of Home Economics in Liberal Arts Colleges for two national organizations. Omicron Nu, Pi Lambda Theta, Phi Upsilon Omicron. Received Outstanding Achievement Award June 25, 1958.



Economics Association and General Home Education Board in 1946. From 1942-45 she was director of a Survey of Home Economics in Liberal Arts Colleges for two national organizations. Omicron Nu, Pi Lambda Theta, Phi Upsilon Omicron. Received Outstanding Achievement Award June 25, 1958.

Myrtle K. Aydelotte

'39GN '39BSEd '47MA '55PhD. Professor of Nursing at the State University of Iowa. She is co-project administrator of "An Investigation of Significant Relationships Between Specific Nursing Activities and Patient Welfare" being conducted at Iowa and supported by the U. S. Public Health Service. She was teaching surgical supervisor at St. Mary's Hospital from 1941-42, an instructor at the University from 1945-49 and consultant to several foundations. Author of several papers and articles. Phi Lambda Theta, Psi Chi, Sigma Theta Tau. Received Outstanding Achievement Award May 7, 1959.



of "An Investigation of Significant Relationships Between Specific Nursing Activities and Patient Welfare" being conducted at Iowa and supported by the U. S. Public Health Service. She was teaching surgical supervisor at St. Mary's Hospital from 1941-42, an instructor at the University from 1945-49 and consultant to several foundations. Author of several papers and articles. Phi Lambda Theta, Psi Chi, Sigma Theta Tau. Received Outstanding Achievement Award May 7, 1959.

Stuart L. Bailey

'27BSEE '28MSEE. President of Jansky & Bailey, Inc., Washington, D.C. consulting radio engineering firm. A Fellow in the Institute of Radio Engineers, he served as president of the group in 1949. He is a member of the Armed Forces Communications and Electronics Association and the Association of Federal Communications Consulting Engineers, which he helped establish in 1948. Sigma Xi, Tau Beta Pi, Eta Kappa Nu. Received Outstanding Achievement Award Nov. 30, 1956.



in the Institute of Radio Engineers, he served as president of the group in 1949. He is a member of the Armed Forces Communications and Electronics Association and the Association of Federal Communications Consulting Engineers, which he helped establish in 1948. Sigma Xi, Tau Beta Pi, Eta Kappa Nu. Received Outstanding Achievement Award Nov. 30, 1956.

Joseph Warren Beach

'00BA. Professor Emeritus of the University of Minnesota Department of English and its former chairman. Deceased. Made the University of Minnesota famous through three books which are known wherever the study of English Literature is taken seriously. They are *The Method of Henry James*, 1918; *The Twentieth Century Novel*, 1932; and *The Concept of Nature in 19th-Century English Poetry*, 1936. Following retirement in 1948 he taught in the Salzburg Seminar in Austria for one summer, Harvard University for a year, and was visiting professor at the University of Illinois. Beta Theta Pi, Phi Beta Kappa. Received Outstanding Achievement Award April 19, 1951.



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John H. Beaumont

'25PhD. Director and Horticulturist at the University of Hawaii, Honolulu, Hawaii. Deceased July 16, 1957. Instructor at the University of Minnesota from 1919-25, he was an assistant professor from 1926-28. He became head of the department of horticulture at North Carolina State College and later taught at the University of Maryland. In 1936 he was appointed to the faculty of Hawaii. His primary research was in nutrition and reproduction in coffee, variety selection and propagation of Macadamia ternifolia and pruning and fertilization of tree fruits. *Received Outstanding Achievement Award May 25, 1951.*

Walter C. Beckjord

'09BSEE. President, Director and Chairman of the Board of the Cincinnati Gas & Electric Co., Cincinnati, Ohio.



Also President and director of Miami Power Corp., The Union Light, Heat and Power Co. and West Harrison Electric and Water Co., Inc. He also serves in an executive capacity for various other firms and corporations and is extremely active in civic affairs. He is vice president of

the board of trustees for the Cincinnati Symphony Orchestra and memberships include American Gas Association, American Society of Mechanical Engineers, Tau Beta Pi, Sigma Xi. *Received Outstanding Achievement Award Oct. 5, 1950.*

S. Clark Beise

'22BSB. President of the Bank of America, San Francisco, since 1954. Beise began his banking career in Minneapolis



and from 1924-27 served as national bank examiner from the Office of Comptroller of the Currency in Washington, D.C. From 1927-33 he served as trust officer for a Michigan Bank, returning to the Comptroller's Office from 1933-36. He has

been with the Bank of America since 1936. From 1945-51 he was executive vice president and from 1951-54 he served as senior vice president and chairman of the managing commission. *Received Outstanding Achievement Award April 21, 1955.*

James Ford Bell

'01BS. Chairman on the Committee on Finance for General Mills, Inc., Minneapolis. Founder



of General Mills in 1928, he served as president of the firm from 1928-34 and chairman of the board from 1934-47. He has served continuously on the University Board of Regents since Feb. 7, 1939. He has been decorated with the French Legion of Honor and the Belgian Order of the Crown. He expanded the General Mills laboratories so that ideas and new products developed by the company have taken the enterprise into fields far removed from flour milling. Chi Psi. *Received Outstanding Achievement Award May 24, 1951.*

into fields far removed from flour milling. Chi Psi. *Received Outstanding Achievement Award May 24, 1951.*

Dorothy A. Bennett

'30BA. Editor and Art Director of Golden Books for Simon and Schuster, New York, N.Y. Following graduation from the University of Minnesota in 1930 with a BA degree, Miss Bennett joined the staff of the American Museum of Natural History in New York. In 1939 she returned to Minnesota where she became sales manager of the University of Minnesota Press on the University campus. In 1943, however, she went back to New York to become editor of Golden Books with Simon and Schuster, Inc. She has written two of the Giant Golden Books, *The Golden Almanac* and *The Golden Encyclopedia*. *Received Outstanding Achievement Award June 24, 1954.*

Selmer H. Berg

'24MA. Superintendent of Schools, Oakland, Calif. He has rendered a high type of community service and leadership



as superintendent of schools in six different cities including Lake Mills, Ia., Stoughton, Wisc., Rock Island, Ill., Rockford, Ill., and St. Paul. Today he heads one of the forward-looking school systems in this country with outstanding vision and leadership

in educational administration. Contributor to several educational magazines, he has been active in the National Education Association and the Association of School Administrators. Phi Delta Kappa. *Received Outstanding Achievement Award April 9, 1952.*

Evelyn Bergstrand (Mrs. Emery Owens)

'28BS '39-41. Retired Dean of the School of Home Economics, University of Connecticut, from 1942-49. Now living in Wisconsin.



After graduation from the University she worked as a nutritionist for the Long Island Committee on TB and Public Health. She was an instructor in home management and child development at two universities until 1939

when she returned to the University. In 1941 she became an assistant professor at Michigan State. Delta Kappa Gamma, Iota Sigma Pi, Kappa Alpha Theta, Omicron Nu, Pi Lambda Theta, Phi Upsilon Omicron. *Received Outstanding Achievement Award May 25, 1956.*

Lloyd V. Berkner

'27BSEE. President of Associated Universities, Inc., New York. Berkner was the engineer on the first Byrd Antarctic expedition



1928-30 and from 1930-33 served as an electrical engineer for the National Bureau of Standards. Since 1951 he has been research associate on the section of exploratory geophysics for the atmosphere at the Department of Terrestrial Magnetism, Carnegie Institution.

He holds the Congressional Gold Medal, Legion of Merit and Order of the British Empire among other honors. Theta Tau, Eta Kappa Nu. *Received Outstanding Achievement Award Sept. 29, 1952.*

Theodore J. Berning

'27BSED '27BA '32MA, Assistant Commissioner of Education for the Minnesota State Department of Education, St. Paul.

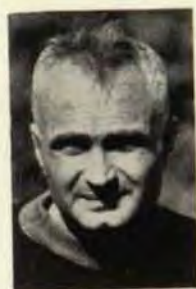


He has had experience in rural schools of Minnesota as superintendent in two different towns, as chief statistician in the State Department of Education and as assistant commissioner. He has worked untiringly for the improvement of education in Minnesota and the promotion of legislative programs of benefit to the schools. The author of several bulletins and publications. Phi Delta Kappa. *Received Outstanding Achievement Award March 28, 1956.*

Bernie W. Bierman

'16BA. Professor Emeritus of Physical Education at the University of Minnesota. Head football coach at the University from 1932-50 except for two years active duty with the U.S. Marines. While at Minnesota he had five national championship teams and six conference championship teams. His teams won 93, lost 35 and tied six games and 13 players were named All-American.

Member of the National Football Hall of Fame and Helms Hall of Fame, in 1935 he was president of the American Football Coaches Association. Alpha Delta Phi. *Received Outstanding Achievement Award May 20, 1955.*



Guy Richard Bisby

'18PhD. Senior Assistant Mycologist, Imperial (now Commonwealth) Mycological Institute, Kew, Surrey, England. Deceased 1959. He received a BA from South Dakota State College in 1912 and an MA in 1917 from Columbia. An instructor at the University of Minnesota from 1916-20, he also taught at Manitoba Agricultural College, Winnipeg. At that time he became a Canadian citizen. Author of more than 100 books and papers on plant pathology and mycology, he is best remembered as a taxonomist. *Received Outstanding Achievement Award March 3, 1955.*

Guy N. Bjorge

'12EM. Vice President of the Homestake Mining Co. of Lead, S.D. Makes his home in Berkeley, Calif. He joined Homestake Mining Co. in 1932 as assistant general manager, becoming general manager in 1936 and vice president in 1940. He began his mining career with Pickands Mather & Co. in Gilbert, Minn., in 1912, did reconnaissance work in Venezuela from 1912-13 for Barber Asphalt Paving Co. and rejoined Pickands Mather in 1913 as assistant chief engineer. From 1917-32 he was a consultant in California. Tau Beta Pi, Delta Upsilon, Sigma Rho. *Received Outstanding Achievement Award Oct. 5, 1950.*



Ben D. Black

'21BS(Bus). Retired Vice President and Treasurer of James McCreery & Co., New York. A leading authority on expense control in the retail industry, he is the author of many papers on cost control for national conventions and for trade journals. From 1941-43 he was chairman of the board of Controllers' Congress of the National Retail Dry Goods Association and was founder of two local chapters of Controllers' Congress. Active in the Minnesota Alumni Club of New York City, he established a scholarship at the University known as the "Appreciation Scholarship." Beta Gamma Sigma. *Received Outstanding Achievement Award April 19, 1956.*



Carl W. Blegen

'07BA. Retired Professor of Classical Archaeology at the University of Cincinnati, Cincinnati, Ohio. Now living in Athens, Greece. Brother of Graduate School Dean Theodore C. Blegen, he is one of the greatest living archaeologists, and the foremost American scholar working in the prehistoric (Bronze Age) period in Greek lands. He has been honored by Greek, British, German and Swedish Schools of Archaeology and has written several important books on his excavations in Southern Greece. *Received Outstanding Achievement Award Feb. 28, 1952.*



Morris J. Blish

'15PhD. Retired Supervisor of Organic and Biochemical Research for International Minerals and Chemical Corp. Currently associated with the Arizona Research Laboratories, Phoenix, Ariz. Dr. Blish began his career as a member of the chemical staff of the Montana Agricultural Experiment Station in 1916 and from 1922-39 headed the department of agricultural chemistry at the University of Nebraska. A member of Alpha Chi Sigma, Phi Lambda Upsilon, Gamma Sigma Delta, Phi Kappa Phi, Sigma Xi. *Received Outstanding Achievement Award Jan. 14, 1953.*



Charles W. Boardman

'19-20. Professor Emeritus of Education at the University of Minnesota. Deceased Nov. 23, 1959. Former executive secretary of the North Central Association of Colleges and Secondary Schools. Through his writing, speaking and directing of the graduate and undergraduate study of administrators and teachers in Minnesota he had significant impact upon education throughout the state. A noted author, his first book, *Supervision in Secondary Schools*, was published in 1934, six years after he received his PhD from Columbia. Phi Delta Kappa. *Received Outstanding Achievement Award June 24, 1959.*



Geoffrey B. Bodman

'24MS '27PhD. Professor and Vice Chairman of the Department of Soils and Plant Nutrition at the University of California, Berkeley. He is known for his work in the field of soil physics in relation to soil moisture, soil consistence and soil mechanics. Since 1927 he has been at California where he began as an instructor in soil technology. He became a professor in 1939 and chief of the division of soils in 1948. From 1943-45 he was on leave and served with the U.S. Geological Survey in the Southwest Pacific. *Received Outstanding Achievement Award Feb. 28, 1952.*



Norman E. Borlaug

'37BS '41MS '42PhD. Head of Wheat Improvement for the Rockefeller Foundation in Mexico. His work in Mexico since 1945 has made the country self-sufficient in this crop for the first time in Mexico's history. Previously he was a pathologist for the E. I. duPont Co., a physical education coach, teaching assistant and research assistant of plant pathology at the University and did field work in Connecticut and Idaho. His outstanding contribution has been in the field of plant breeding. Member of Alpha Zeta and past president of Xi Sigma Pi. *Received Outstanding Achievement Award Jan. 26, 1959.*



William Boss

'90-92. Professor Emeritus of Agricultural Engineering at the University. He joined the School of Agriculture in



1892 as an instructor, was professor of farm structures and farm mechanics from 1906-10 and professor of agricultural engineering and chief of the department from 1919 until his retirement in 1938. Founder and president of the Specialty Manufacturing Co., St. Paul, chief counselor of Boss Consulting Engineering Co., president of Boss Foundry. Alpha Zeta, Gamma Sigma Delta. *Received Outstanding Achievement Award Oct. 27, 1958.*

James Dennis Boyle

'17BA. Retired Rear Admiral and holder of the U.S. Legion of Merit for work in supply coordination for the Atlantic



and South American Bases and Africa from 1942-44. He first saw duty with the Navy in 1917, serving on ships which ranged from Africa to the Philippines. In 1925 he received an MA in business from Harvard. He retired in

1945 and was recalled to active duty in 1946 when he served in the materials division, Office of the Assistant Secretary of the Navy. *Received Achievement Award Feb. 28, 1957.*

Rena Ethel Boyle

'42BS '46MA '53PhD. Acting Chief of the Nursing Research and Consultation Branch of the U.S. Public Health Service. For 11 years an associate professor of nursing education at the University, she worked with graduate nurses who were preparing for teaching. Prior to her present assignment, she was nurse consultant with the International Cooperation Agency in Guatemala. She presently is working on a research study to determine the ability of nursing students to recognize the importance of selected aspects of hospital care to their patients. Pi Lambda Theta, Sigma Theta Tau, Psi Chi. *Received Outstanding Achievement Award May 7, 1959.*



Dr. William Braasch

'00BS '03MD. Professor Emeritus of Urology at the University. He was a member of the staff of the Mayo Clinic and head of the urology section for 40 years until his retirement in 1947. Past president of the Minnesota Public Health Association and recipient of the Keyes Memorial Medal of the American Association of Genito-Urinary Surgeons for outstanding contributions to urology. He was a director of the General Alumni Association for 22 years and its president from 1928-30. Sigma Xi, Alpha Omega Alpha. *Received Outstanding Achievement Award May 25, 1951.*



Dr. Peter J. Brekhus

'10DDS. Retired in 1943 as Professor of Dentistry of the University School of Dentistry. His activities, enthusiasm and accomplishments in the field of restorative dentistry and his service to the advancement of dentistry dates back many years. An inspiration to many who have taken an interest in dentistry's research problems and a leader in the first programs established at a graduate level. He led the first students through their graduate programs in dentistry at the University. Author of a book on the fundamental problems facing dentistry. *Received Outstanding Achievement Award Feb. 17, 1951.*



Cledo Brunetti

'32BEE '37PhD. Vice President and General Manager, Grand Central Rocket Co., Redlands, Calif. From 1932-37 he was an instructor at the University, then assistant professor at Lehigh. Named "the outstanding young electrical engineer of the U.S." in 1941 by Eta Kappa Nu, he is known for his work in the development of the proximity fuse. Former top research executive in the National Bureau of Standards. In 1949 he resigned to become associate director of Stanford Research Institute. Tau Beta Pi, Eta Kappa Nu, Pi Tau Pi. *Received Outstanding Achievement Award Dec. 5, 1958.*



Stanley J. Buckman

'31BS(For) '33PhD. President of Buckman Laboratories, Inc., Memphis, Tenn. After receiving his BS in forestry and a PhD in forestry and biochemistry at the University of Minnesota, Dr. Buckman joined the American Creosoting Co. Research Laboratory in 1934 and in 1937 became head of the research department. After leaving the company he became president of



Central Laboratories, Inc., in Memphis in 1941. He is known throughout Europe and North America for his research in the field of wood preservation and industrial microbiology and authored many papers in these fields. *Received Outstanding Achievement Award May 25, 1951.*

Irma L. Bullard

'42BSEd. Teacher at Clara Barton School, Minneapolis. An active committee member in the Minneapolis Teachers' League and the Minnesota Education Association for many years, she has devoted considerable time to teacher welfare and organizational work. She was president of the Grade Teachers' section of the Minneapolis Teachers' League from 1927-



29 and president of the League in 1934. She was president of the Minneapolis Division of the Minnesota Education Association from 1935-37 and also has served on the editorial board of the *Minnesota Journal of Education*. Delta Kappa Gamma. *Received Outstanding Achievement Award May 24, 1951.*

Dr. Frank Earl Burch

'97MD. Professor Emeritus of Ophthalmology at the University of Minnesota. Deceased. Dr. Burch began general practice in 1898 and began his specialization in ophthalmology in 1904. In 1920 he joined the University faculty as associate professor of ophthalmology and from 1926 to his retirement in 1944 he was professor and chairman of the department. He had served as president of the Minnesota Academy of Medicine, Minnesota Academy of Ophthalmology, American Academy of Ophthalmology and Otolaryngology and the Ramsey County Medical Society, Phi Gamma Delta, Nu Sigma Nu. *Received Outstanding Achievement Award Oct. 8, 1951.*

Joseph A. A. Burnquist

'05LLB. Governor of Minnesota from 1915-21. Attorney general of the State of Minnesota from 1938-52. He began practice as a lawyer in St. Paul in 1905. He received an AM degree from Carleton in 1904 and an LLD degree from Carleton in 1920. He was appointed a member of the Minnesota House of Representatives in 1909 and was lieutenant governor from 1913-15. In 1948-49 he was president of the National Association of Attorneys General. Member of Phi Beta Kappa and Delta Sigma Rho. *Received Outstanding Achievement Award Feb. 27, 1958.*



Wendell T. Burns

'16BA. Retired Senior Vice President of Northwestern National Bank of Minneapolis. President, Minnesota Alumni Association. Executive Secretary of the Upper Midwest Research and Development Council. Influential member of many banking organizations and authority in the field of investment marketing. Leader in Twin Cities cultural and civic affairs. At the University he was president of the All U Student Council, member of the University debate team 1914-15, elected to Phi Beta Kappa, Delta Sigma Rho and Delta Upsilon. LLB from St. Paul College of Law, 1920. *Received Outstanding Achievement Award Nov. 19, 1959.*



George O. Burr

'23PhD. Head of the Department of Physics and Biochemistry at the Experiment Station of the Hawaiian Sugar Planters' Association, Honolulu, Hawaii. Dr. Burr began his career as a high school teacher in Arkansas in 1916, taught at Kentucky Wesleyan College, was research assistant at Minnesota, at California and from 1928-40 served successively as assistant professor, associate professor and professor at the University. From 1940-46 he was director of the University's Division of Physiological Chemistry. Editor and author, he is a member of Sigma Xi. *Received Outstanding Achievement Award Sept. 14, 1955.*



Melvin Calvin

'35PhD. Professor of Chemistry at the University of California and recently elected member of the Royal Society, London. After completion of his doctorate, he taught two years at the University and then two years at the University of Manchester. He joined the California faculty in 1937. He formulated a mechanism of carbon reduction in photosynthesis which is now universally accepted. In 1956 he was awarded the Stephen Hales Award of the American Society of Plant Physiologists. Sigma Xi, Tau Beta Pi, Phi Lambda Upsilon. *Received Outstanding Achievement Award June 11, 1959.*



Angus E. Cameron

'32PhD. Research Chemist, Carbide and Chemicals Corp., Oak Ridge, Tenn. Under his direction both pure research and practical development work has been carried on in the fields of microwave spectroscopy, design and development of electronics instrumentation, application of magnetic, eddy current and thermal conductivity techniques to the problems of process control, X-ray and electron diffraction investigations of crystal structure as well as routine analysis, radiation studies and corrosion. Phi Beta Kappa, Sigma Xi, Alpha Sigma Epsilon. *Received Outstanding Achievement Award Sept. 14, 1955.*



H. Donald Campbell

'02BA '04LLB. Past President of the New York Chase National Bank and presently Director, Member of the Executive Committee and Chairman of the Trust Committee. Also vice president and director of the Washington Mutual Savings Bank, Seattle, since 1915. Director of the American Smelting and Refining Co., General Precision Equipment Corp., Great American Insurance Co., Mathieson Chemical Corp., Newport News Shipbuilding & Drydock Co. and other corporations. Beta Theta Pi. *Received Outstanding Achievement Award Jan. 22, 1954.*



Charles E. Campton

'13BAEd. Retired Superintendent of Schools of Two Harbors, Minn., where he served from 1915-46 when he became legislative representative of the Minnesota Education Association in the State Legislature. An educational statesman, he has led the administrators and school men of the state in public relations, in explaining school and university needs to the public and to the legislature. From 1918-25 he was treasurer of the Minnesota Education Association and has served in various capacities since then. *Received Outstanding Achievement Award May 24, 1951.*



Helen G. Canoyer

'25BS (Bus) '30MA '40PhD. Dean of New York State College of Home Economics, Cornell University, Ithaca, N.Y. Miss Canoyer, first woman member of the board of directors of the American Marketing Association, is past president of the Twin Cities Chapter of the AMA. She served on the faculty of the University School of Business Administration, starting as an instructor in 1928 and ending as a professor of economics and marketing in 1953. Assistant editor of *Journal of Marketing*, she is the author of numerous articles in professional journals. She was the first woman PhD in economics at the University. *Received Outstanding Achievement Award April 19, 1956.*



Carlyle R. Carlson Jr.

'23BS '24MS. Vice President of Deere & Co., Moline, Ill. After receiving his MS degree he went to work for Deere & Webber and now heads the marketing division. Prominent in the activities of the U.S. Chamber of Commerce, he also worked on the Minneapolis Community Chest Committee and Minneapolis Economic Roundtable. One of the founders of the Citizens League of Minneapolis, instrumental in the fund drive to build the St. Paul Campus Union and has served as trustee of the Greater University Fund. Gamma Sigma Delta. *Received Outstanding Achievement Award Feb. 26, 1959.*



Dr. Earl R. Carlson

'21BA '23MS. Internationally known neurologist, writer and lecturer. Dr. Carlson brought before the public the possibilities of helping the infantile cerebral palsied, being himself a victim of spastic paralysis. He has lectured in 27 foreign countries and in almost all the states and has founded and directed the Lago Del Mar Schools of Corrective Motor Education. He has taught at Princeton and the College of Physicians and Surgeons at Columbia and established and directed the department of rehabilitation of motor disabilities, N.Y. Neurological Institute. *Received Outstanding Achievement Award Oct. 8, 1951.*



Richard P. Carlton

'21BSE. President and Director of Minnesota Mining and Manufacturing Co., St. Paul. Deceased June 17, 1953. Began with 3M in 1921 and within eight years became a director of the firm and vice president in charge of production and development. In 1948 he became executive vice president and director of manufacturing, engineering and research and was elected president the following year. Much of Minnesota Mining's diversification as well as the growth and prestige of the St. Paul firm can be attributed to Carlton. *Received Outstanding Achievement Award May 22, 1953.*



Norris K. Carnes

'17BS '22MS. General Manager of the Central Livestock Association, South St. Paul, since 1930. Carnes joined the staff of the Division of Animal Husbandry at the University as an instructor in 1919 and later became assistant professor. He resigned in 1923 to become assistant general manager of Central Livestock. He is generally recognized as an outstanding leader in the agricultural industry. Prominent in civic and professional organizations. Phi Kappa Sigma, Alpha Zeta, Gamma Sigma Delta. *Received Outstanding Achievement Award May 25, 1951.*



William H. Cartwright

'37BSEd '42MA '50PhD. Professor and Chairman of the Department of Education at Duke University, Durham, N.C. Author of many articles and books, he is past president of the New England Association of Social Studies Teachers, Southern Council on Teacher Education and the National Council for Social Studies and former delegate to the White House Conference on Education. Member of the American Historical Association, Horace Mann League and Association for Higher Education, Phi Delta Kappa, Phi Alpha Theta, Pi Gamma Mu, Kappa Delta Pi. *Received Outstanding Achievement Award June 24, 1959.*



Norman S. Cassel

'22BChemE '23Chem. Vice President and Director of Research and Development for the Interchemical Corp., Ridge-wood, N.J. He joined Proctor & Gamble after graduation and three years later established the first textile laboratory for the company. In 1927 he became plant superintendent of the Textile Dyeing and Finishing Corp., second largest silk printing and dyeing concern in this country. He is known as a pioneer contributor to successful textile printing with new dyestuffs. *Received Outstanding Achievement Award Dec. 9, 1955.*



A. Dale Chapman

'29BS(For) '30MS. President, Chapman Chemical Co., Memphis, Tenn. After three years with the Office of Forest Pathology, he organized the Chapman Chemical Co. He has built it into one of the most important producers and distributors of wood preservatives and agricultural chemicals in the world. He supports the Chapman Chemical Co. Graduate Research Fellowship in wood preservation at the University and provides almost annual research grants to such institutions as the Forest Products Laboratory for special studies. Xi Sigma Pi, Sigma Xi, Alpha Zeta, Gamma Sigma Delta. *Received Outstanding Achievement Award Dec. 23, 1953.*



Dr. Albert J. Chesley

'07MD. Executive Officer of the Minnesota State Department of Health for more than 30 years. Deceased Oct. 17, 1955. A veteran of the Spanish-American War, Dr. Chesley served as public health expert at the American Red Cross Commission to France and as chief of staff to the same commission to Poland during World War I. He held office in the Conference of State and Provincial Health Authorities of North America from 1927-45 and was president of the American Public Health Association in 1930. *Received Outstanding Achievement Award Oct. 8, 1951.*



Victor Christgau

'24BSAg '17FS. Director of the Bureau of Old Age and Survivors Insurance, Social Security Administration, Washington, D.C. A Minnesota state senator during the 1927 and 1929 sessions, he was chairman of the committee of agriculture in the 1929 session. From 1929-33 he served as a member of Congress and from 1934-35 served as assistant administrator of the Agricultural Administration. From 1935-38 he was state WPA administrator and served as director of the Minnesota Division of Employment and Security from 1939-53. *Received Outstanding Achievement Award May 20, 1955.*



Marchette Chute

'30BA. Author of non-fiction and specialist in the field of English literary history. Recipient of the Author Meets Critic Award for the best non-fiction in 1950 and the Chap-Bow Award of the American Poetry Society, the New York Shakespeare Club Award and the Secondary Education Board Book Award in 1954. She is a member of the executive committee of the National Book Committee. Her first book, *Rhymes About Ourselves*, was published in 1932. She has written 10 books including *Ben Jonson of Westminster* and *The Wonderful Winter*. Phi Beta Kappa. *Received Outstanding Achievement Award Feb. 27, 1958.*



Helen Clapesattle
(Mrs. Roger W. Shugg)

'37MA. Former Director of the University of Minnesota Press. Resigned in 1956 and now living in Chicago. Mrs.



Shugg, who was chief editor of the University of Minnesota Press in 1942, was named director in 1953. In addition to her official position, she held an academic rank of associate professor. She was author of *The Doctors Mayo* in 1941 which has

been published in 13 different languages. Phi Beta Kappa, Theta Sigma Phi. Received *Outstanding Achievement Award* April 25, 1958.

Lawrence A. Clousing

'28BEE '32BAE '33MSAE. Assistant Chief of the Full Scale and Systems Research Division, Ames Research Center at Moffett Field, Calif. From 1928-30



Clousing served as a Naval Reserve officer and pilot with squadrons of the U.S. Navy and following work for his MA became an instructor in aeronautical and mechanical engineering at Northwestern University from 1933-37. A test pilot for the National Advisory Committee for Aeronautics, he took charge of the flight research section at Ames in 1942. Theta Xi, Tau Beta Pi, Eta Kappa Nu, Sigma Delta Chi, Pi Delta Epsilon and Alpha Eta Rho. Received *Outstanding Achievement Award* Oct. 15, 1954.

Earl Gladstone Constantine

'16BA. President of the National Association of Hosiery Manufacturers. Deceased Jan. 3, 1952. Began his career as a high school instructor in 1907 and in 1914 named managing director of the Federated Industries of Washington. Secretary of the National Industrial Council from 1916-26 and managed the National Association of Hosiery Manufacturers 19 years. Executive



director of the Hosiery Code Authority under the NRA, president of the American Trade Association Executives 1939-40. Received *Outstanding Achievement Award* May 25, 1951.

FEBRUARY, 1960

Mrs. Luella B. Cook

'13BA '14MA. Consultant in Curriculum Development in the Minneapolis Public Schools. Recognized as one of the



best writers on the subject of English teaching in the nation, Mrs. Cook has deftly guided curriculum work in Minneapolis which has eventuated in at least two important publications. She has contributed annually to professional journals in the

field of English for more than 20 years and has written one series of composition textbooks and three in literature, which have had universal acclaim throughout the nation. Received *Outstanding Achievement Award* March 31, 1953.

R. Conrad Cooper

'26BCE. Executive Vice President in Charge of Personnel Services for United States Steel Corp., Pittsburgh. He began



his career in 1926 as field engineer for Universal Portland Cement and in 1929 became field engineer on consulting industrial engineering work in New York. In 1937 he joined Wheeling Steel Corp., leaving as assistant vice

president in charge of operations in 1945 to join U.S. Steel as assistant vice president, industrial relations for the U.S. Steel Corp. of Delaware. Received *Outstanding Achievement Award* May 14, 1954.

William T. Cox

'06BS(For). Consulting forester, biologist and writer on conservation since 1944. He was employed by the U.S. and



state forest services from 1906-24 organizing the Conservation Department's Division of Forestry and in 1925 became superintendent of the Upper Mississippi Wildlife Refuge. From 1929-31 he was employed by

Brazil to reorganize its National Government Department of Forestry. From 1931-33 he was Commissioner of Conservation for the Minnesota Department of Conservation, from 1935-42 a regional forester-biologist for the Resettlement Administration. Received *Outstanding Achievement Award* Dec. 23, 1953.

John H. Craigie

'25MS. Retired Associate Director of Science Service and Dominion Botanist, Dominion Department of Agriculture, Ottawa. He now is engaged in private research. He began as a plant pathologist in the Dominion Laboratory in 1925 and retired in 1952. He is best known for his discovery of the sexual nature of rust fungi for which he received the Eriksson Prize in 1930 and the Flavelle Medal in 1942. While at Dominion Laboratory he continued his research and supervised an extensive program of research on cereal rusts and other cereal diseases. Sigma Xi, Gamma Sigma Delta. Received *Outstanding Achievement Award* May 25, 1951.

Ira H. Cram

'23BA '24MA. Senior Vice President of Continental Oil Co. Began as a geologist with Pure Oil Co. in 1924, rose to



assistant chief geologist in 1940. Elected vice president in charge of exploration in 1949, a member of the board of directors in 1952 and to his present position in 1953. Past president of the Association of Petroleum Geologists. He

also is president and director of numerous affiliates of Continental Oil in Egypt, British and Italian Somaliland and Canada. Phi Beta Kappa, Sigma Xi. Received *Outstanding Achievement Award* Oct. 4, 1957.

George E. Crossen

'33BS(Phm) '37MS '40PhD. Dean and Professor of Pharmacy at Oregon State College, Corvallis. Ore. Instructor in the University of Minnesota College of Pharmacy from 1933-41 and assistant professor from 1941-42, from 1942-45 he served as dean and professor of pharmacy at Drake University. The author of several books, Dr. Crossen has been a member of the Revision Committee for U.S. Pharmacopeia since 1950. He has been director of the analytical laboratory, Oregon Board of Pharmacy, since 1945. Kappa Psi, Phi Lambda Upsilon, Sigma Xi, Phi Kappa Phi. Received *Outstanding Achievement Award* Oct. 18, 1951.

Olive Howard Crosthwait

'15BPhm. Vice President of Jackson Mutual Life Insurance Co. and Secretary of the Service Federal Savings and Loan Association, Chicago. Registered pharmacist, 1917. She taught at Meharry Medical College in 1920, was head pharmacist at Daily Hospital from 1928-32 and assistant secretary and claim officer for Jackson Funeral System Association from 1932-44 before assuming her present position. In 1951 she was the first Chicago businesswoman to receive a special citation from the Conference of the Negro in Business. *Received Outstanding Achievement Award May 11, 1956.*



Prudence Cutright

'27MA. Professor of Elementary Education at Macalester College, St. Paul. Formerly superintendent and assistant superintendent of the Minneapolis Public Schools, Miss Cutright has taught numerous summer sessions at the Universities of Minnesota, Iowa and Wisconsin. She has been a constant contributor to educational periodicals in the field of supervision, curriculum and elementary school teaching and has been active in the various national curriculum societies which have directed work in that field throughout the past 20 years. Pi Lambda Theta. *Received Outstanding Achievement Award May 24, 1951.*



Rev. Edwin T. Dahlberg

'14BA. President of the National Council of Churches of Christ, New York. Following his studies at the University, Rev. Dahlberg received his Bachelor of Divinity at Rochester Theological Seminary in 1917 and was ordained in the Baptist ministry in 1918 after a year of graduate study. In 1939 he received his Doctor of Divinity from Keuka College. After serving as pastor of churches in several states, he became pastor of Delmar Baptist Church in St. Louis, Mo., where he has been since 1950. Author of two books. *Received Outstanding Achievement Award June 6, 1959.*



Henry W. Dahlberg

'10BSCE. Retired Manager of Agricultural and Chemical Research for the Great Western Sugar Co. Started with Western Sugar in 1910. During World War I he was among the first to work toward self-sufficiency for the U.S. in the raising of sugar beets. Well known for his work in sugar beet breeding. Since retirement in 1953 he has acted as chemical consultant in Egypt, Iraq and Iran under State Department auspices. Active member of the American Institute of Chemical Engineers, American Chemical Society and Institute of Beet Sugar Technologists. *Received Outstanding Achievement Award Dec. 5, 1958.*



Miles A. Dahlen

'24BSChem '28PhD. Technical Division of the E. I. duPont deNemours & Co., Inc., Wilmington, Del. Adviser in the field of dyes, intermediates and related chemicals in the technical division of duPont's Organic Chemicals Department, he joined the firm in 1928. He has written numerous articles for technical journals and a number of patents have been granted on his inventions in the chemical field. He was consultant to the U.S. Army and a member of a technical intelligence mission to Europe in 1945. *Received Outstanding Achievement Award Sept. 14, 1955.*



Charles M. Dale

'15BA '17LLB. Former Governor of New Hampshire. Before being elected governor of New Hampshire from 1944-48, he was mayor of Portsmouth in 1926-27 and again in 1943-44 and a member and former president of the state senate. A practicing lawyer since 1920, he still is prominent in the state even though retired from public life. He also is director of the New Hampshire National Bank of Portsmouth and president of WHEB, a Portsmouth radio and television station. While a student at the University, he was editor of the *Minnesota Law Review*. *Received Outstanding Achievement Award June 12, 1959.*



Dr. George M. Damon

'07DDS. Professor and Assistant Dean, University School of Dentistry. Retired in 1948. Began his teaching career with the school upon graduation and his chief work with the students was in the field of dental anatomy and denture prosthetic technique. An excellent influence in his community, Dr. Damon conducted a fine ethical practice and also served in the local and state dental societies throughout the various offices leading to the president of the State Dental Association in 1939. *Received Outstanding Achievement Award Feb. 17, 1951.*



Farrington Daniels

'10BSChem '11MS. Chairman of the Department of Chemistry, University of Wisconsin. Besides teaching at Wisconsin since 1920, he has been associate director, Metallurgical Laboratory, Manhattan District, and official investigator for the NDRC. Principally, he has done research in kinetics, photochemistry and the electrochemistry of gases. In 1953 he was initiated as an honorary member of Phi Lambda Upsilon. He is author of *Mathematical Preparation for Physical Chemistry* and *Experimental Physical Chemistry*. Past president of the American Chemical Society, Sigma Xi, Phi Beta Kappa, Alpha Delta Phi, Alpha Chi Sigma. *Received Outstanding Achievement Award Oct. 5, 1950.*



John W. Dargavel

'15BS(Phm). Executive Secretary of the National Association of Retail Druggists, Encino, Calif. He is former secretary of the Minnesota State Board of Pharmacy and editorial director of the *National Association of Retail Druggists Journal*. Owner of his own store in Minneapolis from 1917-37, he was president of the Minneapolis Retail Druggists Association from 1922-23 and served as president, vice president and chairman of the executive committee of the National Association of Retail Druggists. Phi Delta Chi. *Received Outstanding Achievement Award Oct. 18, 1951.*



Fred A. Davies

'16EngMin. Chairman of the Board and Chief Executive Officer of the Arabian-American Oil Co., Dhahran, Saudi Arabia, and Director of Trans-Arabian Pipeline Co. Makes his home in California. From 1922-31 he worked as a geologist for the California Co., a subsidiary of Standard of California, and in 1931 was appointed assistant manager of the company. Three years later he was sent to Arabia as assistant manager. In 1940 he became president of the California-Arabian Standard Oil Co. Sigma Alpha Epsilon, Tau Beta Pi, Theta Tau. *Received Outstanding Achievement Award May 14, 1954.*



William Dawson

'06BA. Retired Foreign Service Officer. Since his retirement in 1946, Dawson has served as political adviser to the United States delegation at the U.N. General Assembly sessions in 1946 and 1947 and at the Rio de Janeiro Conference in 1947. He also was U.S. representative with the rank of ambassador on the Pan American Union governing board in 1947-48. His assignments took him to Russia, Germany, Spain, Argentina, Uruguay, Poland Mexico, Ecuador, Colombia and Panama. He now makes his home in Washington, D.C. Chi Psi. *Received Outstanding Achievement Award Oct. 13, 1956.*



Samuel B. Detwiler

'06BS(For). Retired Chief of the Division of Hill Culture Research on Erosion Control Plants and Vegetative Erosion Control Methods of the U.S. Soil Conservation Service. Now living in Virginia. A specialist on erosion control plants. Developed the concept of hillculture—the application of ecological principles for producing profitable farm crops on sloping farmland. He has numerous publications in the fields of forest pathology, soil conservation, forestry and plant pathology. *Received Outstanding Achievement Award Oct. 24, 1953.*



Hedley W. Donovan

'34BA. Editorial Director of Time, Inc. After graduation from the University he attended Oxford as a Rhodes Scholar where he received a BA in 1936. For the next five years he worked as a reporter in Washington. During World War II he was a Naval intelligence officer. He joined *Fortune* magazine in 1945, becoming managing editor in 1953. In 1959 he was appointed to his present position. In 1958 he was a member of a team sent to the Soviet Union as official observers of the Soviet election. Phi Beta Kappa, Delta Upsilon. *Received Outstanding Achievement Award May 25, 1956.*



Hal Downey

'03BA '04MA '09PhD. Professor Emeritus of the University of Minnesota Department of Anatomy. Deceased. Dr. Downey, who retired in 1946 after 42 years at the University, was one of the pioneer investigators in hematological research and diagnosis of blood diseases in this country. In 1938 he edited and contributed to the four-volume *Handbook of Hematology* and from 1928-41 was the American editor of the *Folia Haematologica*, leading hematology journal in Europe. He later served on the editorial board. At the University he received the second PhD granted in zoology. *Received Outstanding Achievement Award April 19, 1951.*

Kenneth Duncan

'10(Mines). Retired Manager of ore mines for Pickands, Mather & Co. Duncan began his mining career in 1910 with Oliver Iron Mining Co. and joined Pickands, Mather & Co. in 1942. Since his retirement he has headed many Duluth organizations, and in April, 1956, was appointed chairman of the Duluth Port Authority. He has served as president of the Engineers' Club of Northern Minnesota and of the Duluth Engineers' Club and also served as chairman of the Minnesota Section of the American Institute of Mining and Metallurgical Engineers. In 1957 he was named to the Duluth Hall of Fame. Tau Beta Pi. *Received Outstanding Achievement Award Jan. 13, 1958.*



Dr. George A. Earl

'06BA '09MD. Chief of Staff, Midway Hospital, St. Paul. He studied in Europe and at Rochester following completion of his internship and since 1910 has practiced in St. Paul. Past president of the MAA, he was also instrumental in arousing the interest of the medical profession and the public to the Mayo Memorial project. He served as secretary of the Mayo Memorial Commission and the Committee of Founders. He is extremely active in professional medical societies and the author of numerous articles in professional journals. *Received Outstanding Achievement Award May 22, 1953.*



Marion L. Edman

'35MA '38PhD. Associate Professor of Education at Wayne University, Detroit, Mich. Dr. Edman has rendered distinguished leadership in intercultural education both here and in Europe. From 1946-48 she was chief of teacher education and elementary education in the Office of the Military Government and in honor of her services National Delta Kappa Gamma established five Marion Edman fellowships to bring German teachers to the U.S. to study. The author of several books, she also is a frequent contributor to educational journals. A member of Delta Kappa Gamma and Pi Lambda Theta. *Received Outstanding Achievement Award May 24, 1951.*



Rudolph T. Elstad

'19BSE. President of U.S. Steel's Oliver Iron Mining Division, Duluth. Deceased Dec. 14, 1959. President of the division, where he had worked since 1919, for 13 years. He had been on the board of directors of the MAA and the advisory council of the Greater University Fund and a director of the American Mining Congress. He also belonged to the Engineers' Club of Northern Minnesota, American Institute of Mining and Metallurgical Engineers, American Iron and Steel Institute, Duluth Chamber of Commerce and Duquesne Club of Pittsburgh. Tau Beta Pi, Sigma Xi. *Received Outstanding Achievement Award May 25, 1951.*



Elmer E. Engelbert

'20BS. President of St. Paul Book and Stationery Co. At the University he was All-U Congress president, business manager of the *Gopher* and a Grey Friar. He has headed the firm since 1949. He was a director of the St. Paul Chamber of Commerce, president of the St. Paul Rotary Club and Downtown, Inc., and chosen one of the "Men of Minnesota." He was a delegate to the White House Conferences on Education, trustee of Macalester College, member of the board of directors of the MAA and trustee of the Greater University Fund. *Received Outstanding Achievement Award Jun. 25, 1957.*



and a Grey Friar. He has headed the firm since 1949. He was a director of the St. Paul Chamber of Commerce, president of the St. Paul Rotary Club and Downtown, Inc., and chosen one of the "Men of Minnesota." He was a delegate to the White House Conferences on Education, trustee of Macalester College, member of the board of directors of the MAA and trustee of the Greater University Fund. *Received Outstanding Achievement Award Jun. 25, 1957.*

and trustee of the Greater University Fund. *Received Outstanding Achievement Award Jun. 25, 1957.*

E. W. Engstrom

'23BSEE. Senior Executive Vice President of the Radio Corporation of America. He also is chairman of the technical advisory panel on electronics, Office of the Secretary of Defense, a Fellow of the Institute of Radio Engineers and a Fellow of the American Institute of Electrical Engineers. He also is on the advisory council, Princeton electrical engineering department, and advisory committee of the research division of NYU College of Engineering. He has been honored by NYU, and Received the Industrial Research Institute Medal for 1948. Sigma Xi. *Received Outstanding Achievement Award Oct. 5, 1950.*



and advisory committee of the research division of NYU College of Engineering. He has been honored by NYU, and Received the Industrial Research Institute Medal for 1948. Sigma Xi. *Received Outstanding Achievement Award Oct. 5, 1950.*

Theodore A. Erickson

'04BA. Associate Professor Emeritus of the Agricultural Extension Division of the University of Minnesota. Known as the father of Minnesota 4-H Club work, he showed an early interest in the problems of rural youth. In 1910 he laid the groundwork for the formation of Minnesota 4-H Clubs while he was county superintendent of schools at Alexandria. He became



4-H Club leader in 1912, serving until 1940 when he retired and became rural services consultant for General Mills where he authored numerous 4-H booklets. In 1954 he retired from General Mills to write his autobiography. *Received Outstanding Achievement Award May 25, 1951.*

Henry A. Erikson

'96BEE '08PhD. Professor Emeritus and former Chairman of the Department of Physics at the University of Minnesota. Deceased. Dr. Erikson, who retired in 1938, began his University teaching career in 1897. From 1915-38 he was chairman of the department and was responsible for guiding the department to its present prominent position in the scientific world. A



recognized authority in the measurement of ionization of gases at high pressures and related phenomena. Planned and supervised building of Jones Hall and the present Physics building. *Received Outstanding Achievement Award April 19, 1951.*

Dr. Max E. Ernst

'09DDS. Private practitioner in St. Paul and former Professor in the Orthodontia Division of the University School of Dentistry. A conscientious and excellent clinical teacher in his field who contributed much to the orthodontics program at the University. He joined the faculty in 1913 and served continuously until he withdrew to private practice in 1948.



Extremely active in professional dental groups, he served as vice president of the American Dental Association in 1935 and as president of the American Association of Orthodontists in 1949. *Received Outstanding Achievement Award Feb. 17, 1951.*

Alvin C. Eurich

'29PhD. Executive Director of the Education Division of the Ford Foundation, New York. Former President of the



State University of New York. From 1929-35 he served as assistant director of educational research at the University. He also served as assistant to the president and assistant dean of the College of Education. He was vice president four years at Stanford and acting president one year. An outstanding educational author, he has long been active as a leader in educational organizations. Member of Sigma Xi and Phi Delta Kappa. *Received Outstanding Achievement Award June 25, 1951.*

Marion L. Faegre

'12BA. Former Consultant in Parent Education for the United States Children's Bureau in Washington, D.C. For many years following her graduation in 1912 with a BA degree, Mrs. Faegre was a member of the University's Institute of Child Welfare staff. Mrs. Faegre has been acclaimed as "a writer of authoritative books that have reshaped child care" and also has contributed several articles to magazines, including a story entitled *Infant Care* which appeared in the *American Weekly*. *Received Outstanding Achievement Award June 24, 1954.*



Florence Fallgatter

'17BS(HE). Head of the Department of Home Economics at Iowa State College. From 1922-23 she taught at the University of Minnesota and from 1923-27 she was on the faculty of Montana State College. She has been at Iowa State since 1938. In addition to her teaching duties, she was regional agent for the Federal Board for Vocational Education from 1927-35. She also has served as president of the National Congress of Parents and Teachers, American Vocational Association and the American Home Economics Association. Phi Upsilon Omicron. *Received Outstanding Achievement Award May 9, 1952.*



Donald N. Ferguson

'22MA. Professor and Chairman of the Music Department at Macalester College, St. Paul. Professor Emeritus of the University of Minnesota Department of Music, he taught at the University from 1913-50. He organized the first music theory courses in the Minneapolis high schools and was influential in the formation of the University Bach Society, which he conducted from 1930-50. A distinguished composer, he is the author of several books as well as numerous articles for professional publications. Sigma Chi, Phi Mu Alpha, Phi Beta Kappa. *Received Outstanding Achievement Award April 19, 1951.*

John K. Fesler

'24BA '26LLB. President of Lampert Yards, Inc., St. Paul, and Past President and Chairman of the Board of Directors of Liberty State Bank, St. Paul. Fesler, who was admitted to the Minnesota bar in 1926, began his career in a St. Paul law firm and from 1927-28 served as assistant U.S. district attorney for the Minnesota district. From 1928-38 he practiced law in the firm of David, Kellogg and Severance, becoming president of the bank and Lampert Yards in 1938. He left his banking position in 1956. He is past chairman of the Greater University Fund. Phi Delta Theta, Phi Delta Phi. *Received Outstanding Achievement Award May 14, 1954.*



Nat S. Finney

'27BA. Chief of the Washington Bureau of the *Buffalo Evening News*. Finney served as editorial page editor of the *Minneapolis Star* from 1950-53 after serving from 1941-50 as Washington correspondent for the *Minneapolis Star and Tribune* and *Look Magazine*. In 1947 a committee from the Washington corps of correspondents selected him for the Raymond Clapper Memorial Award and in 1948 he received the Pulitzer Prize for National Affairs Reporting. Chi Phi, Sigma Delta Chi. *Received Outstanding Achievement Award Feb. 28, 1952.*



Rev. Vincent J. Flynn

'29MA. President of St. Thomas College, St. Paul. Deceased July 6, 1956. Rev. Flynn, who was ordained a Catholic priest in 1927, received his PhD from the University of Chicago in 1939. He served as president and member of the board of directors of the Association of American Colleges and secretary of the Midwest Unit Commission on Church-Related Colleges. He was past president of the State Council of Minnesota Colleges. Lambda Alpha Psi, Delta Epsilon Sigma. *Received Outstanding Achievement Award May 22, 1953.*



Paul D. Foote

'17PhD. Retired Vice President of Gulf Oil Corp. and Gulf Refining Co., Pittsburgh. Now a research consultant and lecturer at the University of Pittsburgh, he began his career in 1911 as assistant physicist at the U.S. Bureau of Standards. Author and co-author of several books, he also served as editor-in-chief of a technical magazine from 1931-32. A member of several professional organizations, his research interests have included magneto optics, pyrometry, atomic structure, radiation and petroleum recovery. Phi Beta Kappa, Sigma Xi, Sigma Pi Sigma, Sigma Tau, Tau Beta Pi. *Received Outstanding Achievement Award April 19, 1951.*



Francis C. Frary

'05BS '06MS '12PhD. Retired Director of Research for the Aluminum Co. of America. Organizer of Alcoa's Aluminum Research Laboratories at New Kensington, Pa., he served with the company 33 years. Holder of more than 30 U.S. patents, he has authored numerous books and papers on metallurgical and chemical subjects. In 1950 he was awarded the James Douglas Metallurgical Medal by the American Institute of Mining and Metallurgical Engineers. Also holds Gold Medal of the American Society of Metals, Perkin Medal of the Society of Chemical Industry and Pittsburgh Award of American Chemical Society. *Received Outstanding Achievement Award Oct. 5, 1950.*



Edward M. Freeman

'98BS '99MS '05PhD. Retired Head of the University's College of Agriculture, Forestry and Home Economics. Deceased 1953. In 1907 he organized the University's Department of Pathology, said to have been the first in this country. He retired in 1943. He was posthumously awarded the University's "Builder of the Name" Medal by the Board of Regents. He contributed substantially to setting up the University Department of Agriculture as well as carrying on research in the field of wheat rust and other plant diseases during his nearly half-century on the University campus. *Received Outstanding Achievement Award April 19, 1951.*

Rudolph K. Froker

'25BS '25MA. Dean of the Wisconsin State College of Agriculture at Madison, Wisconsin, since 1951. In November, 1927, he joined the staff of the University of Wisconsin. Except for short leaves of absence, for more than 30 years he has been a member of the Wisconsin faculty. In that time he has helped Wisconsin dairy farmers form and develop their marketing organizations. Widely known and respected in every section of the country, he has worked closely with dairy marketing organizations throughout Wisconsin. *Received Outstanding Achievement Award May 25, 1951.*



Verne C. Fryklund

'33PhD. President of Stout Institute, Menomonie, Wisc. Specialist in analysis, course organization and individual instruction materials in a wide range of curriculum areas. Leader in matters of philosophy and practice of industrial arts, trade and teacher training. Permanent chairman of the Industrial Arts Conference of the Mississippi, in 1940 served as president of the National Association of Industrial Teacher Trainers. Author of college texts, bulletins, numerous periodical references and reviews. Phi Delta Kappa, Epsilon Pi Tau (Laureate), honorary Mu Sigma Pi and Aota Lambda Sigma. *Received Outstanding Achievement Award March 31, 1953.*



Reynold C. Fuson

'24PhD. Professor of Organic Chemistry at the University of Illinois, Chicago. Following graduation from the University, Dr. Fuson held a National Research Council fellowship for two years and was an instructor at Harvard before joining the Illinois staff in 1927. A member of the National Academy of Sciences, he has published a number of papers in his field and is the author of several important books on the subject. Alpha Chi Sigma, Kappa Sigma, Gamma Alpha, Phi Lambda Upsilon, Sigma Xi, Phi Beta Kappa. *Received Outstanding Achievement Award April 19, 1951.*



Samuel C. Gale

'17BA. Consultant in Marketing and Public Relations for General Mills, Inc., Minneapolis, since 1955. Gale joined



General Mills as advertising assistant to the vice president, a post which he held from 1921-55. Prior to that he had been advertising assistant to a St. Paul firm. A member of the American Marketing Association, Public Relations Society of the U.S. and director

and past chairman of the board of the Advertising Council. Active in civic affairs. Phi Beta Kappa, Phi Sigma Kappa. Received *Outstanding Achievement Award* May 23, 1952.

Robert M. Gaylord

'11BA. President, The Ingersoll Milling Machinery Co., Rockford, Ill. Started with the Minneapolis Steel & Machinery



Co. in 1911. In 1912 he was employed by the Emerson Brantingham Co., Rockford. Two years later he became vice president of the Gray Tractor Co. He was president of National Machine Tool Builders' Association, vice president of Machinery

and Allied Products Institute, president of the Illinois Manufacturers' Association, National Association of Manufacturers and Ducks Unlimited, Inc., of which he is a charter member. Chi Psi. Received *Outstanding Achievement Award* May 20, 1955.

Bernice D. Gestie

'37MA. Editor of the *Minnesota Journal of Education*. Miss Gestie has made Minnesota conscious of its rural schools



and has given distinguished and sustained leadership to workers in this field. She has raised the *Minnesota Journal of Education* to a high professional plane, recognized by leaders in educational journalism throughout the U.S. Constantly alert to current

movements in education, she has made the *Journal* a recognized spokesman on matters of concern to schools. Delta Phi Lambda, Pi Lambda Theta. Received *Outstanding Achievement Award* May 24, 1951.

George F. Ghostley

'12BS '14MD. George F. Ghostley Poultry Farm, Anoka, Minn. While an instructor in the Veterans Bureau of Trainees in 1918 he



started a poultry breeding farm. Since then he has built up a stock which is one of the outstanding in the U.S. Dissemination of Ghostley white leghorn stock has played a large part in the improved production of this country.

Member of the Minnesota Baby Chick Co-op Association, Minnesota Poultry Improvement Board, Minnesota Livestock Sanitary Board and Breeders Committee of the National Poultry Improvement Plan. Alpha Omega Alpha, Phi Rho Sigma. Received *Outstanding Achievement Award* May 25, 1951.

Robert R. Gilruth

'35BAE '36MS. Director of "Project Mercury" for the National Aeronautics and Space Administration at Langley



Air Force Base, Virginia. Head of the U.S. attempt to build and launch a manned satellite. Gilruth, who joined the National Advisory Committee for Aeronautics (forerunner of the NASA) in 1937 conceived, designed and developed Wallops Island,

the NASA rocket launching site. He also invented the technique of using the sky for a wind tunnel. In 1950 he was presented the Sylvanus Albert Reed Award for his research on pilotless aircraft. Received *Outstanding Achievement Award* Oct. 15, 1954.

Paul M. Glasoe

'97BA '98MS '02PhD. Professor Emeritus of Chemistry at St. Olaf College, Northfield, Minn. Deceased June 15, 1956. Received the first PhD in chemistry ever granted by the University.



Following graduation, Dr. Glasoe established the department of chemistry at St. Olaf College. His career at St. Olaf was interrupted from 1907-10 when he was president of

Spokane College in Washington and 1916-18 when he was president of Augustana Academy, Canton, S.D. Received *Outstanding Achievement Award* May 22, 1953.

Dr. Henry Samuel Godfrey

'97DMD. Professor in the University School of Dentistry until his retirement in 1938 and still a practicing dentist in Minneapolis. Dr. Godfrey served the University on 30 per cent time from the time of his graduation until his retirement. He served in the school's operative division and focused his attention upon the senior students who usually



were confronted with complicated problems in restorative dentistry. Noted for his sincere professional responsibility and ideals as well as his operative ability and the perfection of his dental work. Received *Outstanding Achievement Award* Feb. 17, 1951.

Samuel L. Graham

'14BS(For) '21PhD. Professor of Economic Zoology, School of Natural Resources, University of Michigan. Taught



at the University from 1918-27 and in 1927 became associate professor at Michigan. In 1928 he was appointed to his present position. He served as adviser to the U.S. Bureau of Entomology and Canadian Department of Agriculture on forest insect

problems. Author of *Principles of Forest Entomology* and numerous papers in the fields of forestry and forest entomology. He pioneered in the application of silvicultural control measures to prevent forest insect outbreaks. Received *Outstanding Achievement Award* Oct. 23, 1953.

Dr. Robert O. Green

'04DDS. Retired Professor of the Operative Division of the University of Minnesota School of Dentistry. For many



years he also conducted a private practice in St. Paul. Dr. Green was an uncompromising and firm extractor of the best abilities within members of the faculty and students. A teacher in the field of operative dentistry, he succeeded Dr. Walls as

chairman of the division from 1939 until his retirement in 1948. He has been active in local and state dental societies. Received *Outstanding Achievement Award* Feb. 17, 1951.

Frank F. Grout

'04BS (Chem) '08BS. Professor Emeritus of Geology, former Chairman of the Department and former member of the Minnesota Geological Survey at the University of Minnesota. Deceased Sept. 1, 1958. Dr. Grout organized and directed all of the activities of the Geological Survey from 1912-47 and was responsible for the first comprehensive study of the clay and shale resources of the state. He was considered one of the foremost petrographers and petrologists in the country and wrote several books. Sigma Xi. Received Outstanding Achievement Award Oct. 5, 1950.

Benjamin C. Gruenberg

'96BA. Biologist, educator, director of research, writer and lecturer on education for personal and family living. Widely known for his efforts to broaden the high school curriculum to include more adequate instruction for hygiene, an undertaking that gained broad support from teachers, health officers, group workers and parents. As he studied the problem his interests grew to include medicine and public health, psychology, sociology and ethics. Author and co-author of many books and publications, he is former educational editor of the Viking Press, New York. Received Outstanding Achievement Award June 5, 1957.



Lawrence R. Hafstad

'26BSEE. Vice President of General Motors Corp. and General Manager of its Research Laboratory Division, Detroit, Mich. Dr. Hafstad, who received a PhD from Johns Hopkins in 1933, began his business career as an engineer for Northwestern Bell Telephone Co. in Minneapolis and has held various research and teaching positions. He has served in several government posts including first director of the Reactor Development Division of the AEC. Winner of numerous awards, he is a contributor to various technical journals, Sigma Xi, Tau Beta Pi. Received Outstanding Achievement Award Oct. 5, 1950.



Dr. Olaf Jensen Hagen

'06MD. Doctor Emeritus of the Fargo Clinic, Fargo, N.D. A practicing physician in the Fargo-Moorhead area since 1907, he is former president of the Fargo Clinic, of which he was a founder. He was director of the clinic's radium department for 20 years. Active worker in the field of tuberculosis in all its aspects. Member of the University Board of Regents from 1932-38 and an active member and past officer in several professional organizations. Past president of the Northern Minnesota Medical Association. Theta Chi. Received Outstanding Achievement Award Jan. 28, 1952.



Lloyd Hale

'27BA '30MS. President of G. H. Tennant Co., Minneapolis. From 1924-28 he was manager of the Campus Club. He then joined the Tennant Co. serving as secretary, vice president and finally president in 1944. He was first president of the Good Government Group in Minneapolis, vice president of the National Municipal League, vice president of the Minnesota Charter Commission and a member of the Mayor's Committee on Human Relations, Citizens' Committee on Public Education and a trustee of the United Hospital Fund. In 1948 he was president of the Floor Machinery Manufacturers' Association. Received Outstanding Achievement Award Jan. 25, 1957.



Dr. Arild E. Hansen

'23BS '24MB '25MD '34PhD. Children's Hospital in Oakland, Calif. Former professor and chairman of the department of pediatrics at the Medical Branch of the University of Texas, Galveston, and director of the Texas Child Health program. Dr. Hansen taught at the University of Minnesota from 1930-44. A nationally respected authority in rheumatic fever, he is a member of the editorial board of *Pediatrics*, *Journal of the American Academy of Pediatrics*. Sigma Xi, Phi Beta Pi. Received Outstanding Achievement Award Oct. 8, 1951.



Leif S. Harbo

'32MA. Superintendent of Schools at Austin, Minn. He has served the schools of Minnesota for more than 30 years as an instructor and later superintendent at six communities. He has been active in experimental work in improving the high school curriculum and has been a leader in the Minnesota Education Association, serving since 1942 as state chairman of its legislative committee. He also has been past district and regional chairman of the Minnesota State High School Basketball League. He is a member of Phi Delta Kappa. Received Outstanding Achievement Award March 28, 1956.



Henry Gadd Harmon

'35PhD. President of Drake University, Des Moines, Iowa. He has been a leader in his community as well as in education. He served as president of the Greater Des Moines Committee and still is a member; director of the Des Moines Child Guidance Clinic; member of the Des Moines Committee on Foreign Relations; past director of the Rotary and a member of other civic groups. Appointed Drake's president in 1941. Member of Phi Beta Kappa, Phi Delta Kappa and Pi Kappa Delta. Received Outstanding Achievement Award May 24, 1951.



Jacob G. Harrar

'35PhD. Vice President of the Rockefeller Foundation, New York. He began his career as professor of botany at the University of Puerto Rico, taught at the University in 1934-35, professor of biology at Virginia Polytechnic Institute and in 1941 became head of the plant pathology department at Washington State. He has been with the Rockefeller Foundation since 1943. Fellow of the American Association for the Advancement of Science and member of the American Mycology Society and American Phytopathology Society. Author of many technical books, papers, brochures and articles. Received Outstanding Achievement Award Jan. 14, 1953.



Dr. Thomas B. Hartzell

'93DMD '94MD. Retired Professor of Dentistry at the University School of Dentistry. Deceased in August, 1951.



Dr. Hartzell was noted for his work and duties as a teacher, as a research worker and as an eminent practitioner of dentistry in which he specialized in periodontology. His first formal appointment with the University was as a demonstrator in oral surgery in 1894 and a course of lectures on comparative anatomy and physical diagnosis. *Received Outstanding Achievement Award Feb. 17, 1951.*

Lloyd A. Hatch

'23BSChemE. Vice President, Research and Development, Minnesota Mining and Manufacturing Co. He rose



quickly at 3M, chief chemist, mineral division manager, plant manager, general manager of the roofing granules division, vice president and general manager of the roofing granules division and in 1948 became vice president of research and product development. While attending the University he was a member of Alpha Chi Sigma and now is a member of the American Institute of Chemical Engineers, American Chemical Society, American Association for the Advancement of Science and American Society for testing Materials. *Received Outstanding Achievement Award May 14, 1954.*

Hazel M. Hatcher

'40PhD. Professor of Home Economics Education and Home Community Relationships, Pennsylvania State University.



She has taught since 1937 at the University of Arkansas and Michigan State College as well as Pennsylvania. In addition, in 1946 she served as consultant to the Chilean Ministry of Education for the reorganization of Chilean schools under the auspices of the U.S. Office of Inter-American Affairs. In 1950 she participated in the educational mission to Germany under State Department auspices. *Received Outstanding Achievement Award May 9, 1952.*

Cecilia H. Hauge

'29GN '29BSEd. Director of the Veterans Administration Nursing Service and former superintendent of nurses and



associate professor of nursing at the University. A veteran of World War II with the rank of lieutenant colonel, she has been with the VA since 1946. She entered military service in 1942 as principal chief nurse in the 26th Army General Hospital and later served in Europe, leaving the Army in 1946. She taught at the University from 1930-42 taking time out to earn an MA degree from Columbia in 1938. *Received Outstanding Achievement Award Feb. 28, 1957.*

Alma C. Haupt

'15BA '19GN. Director of the Nursing Bureau of the Welfare Division of the Metropolitan Life Insurance Co., New York. Miss Haupt has been a prolific writer for professional nursing magazines for many years. During the war years she was on loan from the Metropolitan Life Insurance Co. to the Health and Medical Committee of the Office of Defense, Health and Welfare Services, serving as executive secretary of the subcommittee on nursing. From 1929-35 she was associate director of the National Organization for Public Health Nursing and for three years served in Austria with the Commonwealth Fund. *Received Outstanding Achievement Award Oct. 8, 1951.*

Howard Haycraft

'28BA. President of H. W. Wilson Publishing Co., New York. On the staff of the University of Minnesota Press in



1928, he joined the H. W. Wilson Co. in 1929, became a director in 1934, vice president from 1940-52 and was named president in 1953. He is author, editor or co-editor of numerous books including *Authors Today and Yesterday*, 1933, and his most recent one, *Ten Great Mystery Stories*, 1959. He also is a contributor to various literary publications. In 1942 he served as a specialist for the U.S. War Department, and from 1942-46 in the Air Service Force. *Received Outstanding Achievement Award June 24, 1954.*

Carl W. Hayden

'16BA. Vice president of First National City Bank of London, England. His banking career, which has carried him



to Yokohama, Calcutta, Singapore, the Caribbean and now London, began in 1916 as a foreign service trainee with First National City Bank of New York. In 1945 he was appointed to his present position. In 1953 he was chairman of the American Society in London. He is a member of the International Chamber of Commerce, English-Speaking Union, Ends of the Earth Club and Bombay Dinner Club. *Received Outstanding Achievement Award Nov. 19, 1959.*

Inez Haynes

'55BSNursEd. Director of the National League for Nursing and retired Chief of the Army Nurse Corps. She began as



an Army nurse in 1932 after graduation from the Scott and White Memorial School of Nursing in Temple, Tex. These years included duty with the 191st General Hospital in France as chief nurse during World War II, the 231st General Hospital in the Pacific after VE Day and the 8th Army as chief nurse in Yokohama. Sigma Theta Tau and Alpha Tau Delta. *Received Outstanding Achievement Award May 7, 1959.*

Dr. Arthur T. Hertig

'28BS. Shattuck Professor of Pathological Anatomy and Chairman of the Department of Pathology at Harvard



Medical School. In addition to his teaching duties, Dr. Hertig is consulting pathologist at the Free Hospital for Women at Brookline, Mass., and with the Boston Lying-In Hospital. The author of several articles with a colleague on the development of normal and abnormal human embryos, in 1949 they received the American Gynecology Society Award. Sigma Xi, Alpha Omega Alpha, Nu Sigma Nu (past executive councilor). *Received Outstanding Achievement Award April 19, 1951.*

Dr. Gustaf Yngve Hildebrand

'20DDS. Professor and Lieutenant Dean of the Royal Dental School, Stockholm, Sweden. A dental practitioner in Stockholm since 1922.



Dr. Hildebrand received his LDS in Sweden before studying in the United States. In addition, he has studied in Denmark, England, Finland, France, Holland, Italy, Norway, Switzerland, Scotland and Germany. He

has had lectures and courses in all these countries and is the recipient of eight orders, medals and honors from Sweden, Finland and Norway. He has done important research and has written more than 40 articles in odontology as well as three books. *Received Outstanding Achievement Award April 16, 1957.*

Hibbert M. Hill

'23BSCE. Chief Engineer for Northern States Power Co., Minneapolis. He joined Northern States in 1936 after being employed by the U.S. Engineer's Office



where for five years he was in charge of the U.S. reservoirs at the headwaters of the Mississippi. From 1924-28 he was an instructor in civil engineering at the University. Previously he had been employed by the

U.S. Coast and Geodetic Survey. Member of Tau Beta Pi, Theta Xi, Grey Friars, American Society of Civil Engineers and the National Society of Professional Engineers. *Received Outstanding Achievement Award Nov. 30, 1956.*

Dr. Herman E. Hilleboe

'28BS '29MB '31MD. Commissioner of Health for the State of New York. Significant contributor to tuberculosis control, Dr. Hilleboe



as early as 1939 made special studies for the public health service in tuberculosis control in the Scandinavian countries, England, Germany and France. From 1942-46 he was in charge of the tuberculosis control activities of the Public Health Service and in 1948 was a member of the expert committee on tuberculosis for the World Health Organization at Geneva. He is the member of several national professional organizations. *Received Outstanding Achievement Award Oct. 8, 1951.*

Dr. Lorin B. Hodgson

'13DDS. Practitioner in dentistry at Breckenridge, Minn., for many years. Dr. Hodgson, during his many years of dental practice in the state of Minnesota, was a prime moving force in professional dental activities throughout the west central portion of the state. Extremely active in local, state and national dental organizations and a staunch supporter of all aspects of his profession, he has been conspicuous for his sustained interest in the achievements of the dental profession in the area and state in which he lives. *Received Outstanding Achievement Award Feb. 17, 1951.*



T. R. Hogness

'18BS (Chem) '19ChemE. Professor of Chemistry at the University of Chicago. Dr. Hogness received his PhD from the University of California in 1921 and joined the University of Chicago in 1930. Director of Chicago Midway Laboratories since 1951, from 1948-51 he was director of the Institute of Radiobiology and Biophysics at the University of Chicago. From 1947-48 he was director of physical science development. Sigma Xi, Phi Lambda Upsilon, Alpha Chi Sigma. *Received Outstanding Achievement Award Oct. 5, 1950.*



Frederick L. Hovde

'29BS '42MA. President of Purdue University. A Rhodes Scholar at Oxford from 1929-32, he served as assistant to the director of the University's General College from 1932-36. From 1936-41 he was assistant to the president of the University of Rochester, becoming president of Purdue in 1946 after serving in national defense during the war. From 1947-49 he was chairman of the Guided Missiles Commission of the Office of Science, Research and Development. In 1948 he received the President's Medal for Merit and the King's Medal for Service in the Cause of Freedom. Sigma Xi, Tau Beta Pi, Phi Lambda Upsilon, Phi Delta Theta. *Received Outstanding Achievement Award May 21, 1951.*



Samuel L. Hoyt

'09EM. Consultant in Metallurgy. Currently in Europe for a year with headquarters at Frankfurt, Germany, on a special assignment for the Department of Defense. From 1913-19 he was instructor and founder of the Department of Metallography at the University and later served with General Electric Co., the A. O. Smith Corp. and from 1939-53 was technical adviser for the Battelle Memorial Institute, Columbus, Ohio. He developed several low alloy metals for special uses, particularly welding, and is the author of several technical books in the field. Delta Tau Delta, Sigma Xi. *Received Outstanding Achievement Award Oct. 5, 1950.*



Hubert H. Humphrey

'39BA '40-41. United States Senator from Minnesota and announced candidate for the 1960 Democratic presidential nomination. Active in educational and political circles, he taught political science at the University of Louisiana and later at Macalester College and the University. In 1941 he joined the administrative staff of the WPA and in 1943 was assistant regional director of the War Manpower Commission. Senator since 1948, 1944 Roosevelt-Truman state campaign manager and Minneapolis mayor 1945-48. Phi Beta Kappa, Delta Sigma Rho. *Received Outstanding Achievement Award Feb. 26, 1959.*



Arthur R. Hustad

'16BA. Retired Twin Cities Manager of White and Odell Agency, Northwestern National Life Insurance Co. Served in World War I. Banking and investment experience until 1923 when he entered the insurance field. President of the MAA from 1946-49, he was a major figure in the successful reorganization in 1948 of the General Alumni Association into the MAA. He also helped lay a solid foundation for the Greater University Fund while serving two years as its first chairman of the board of trustees. *Received Outstanding Achievement Award May 25, 1951.*



Elmer Hutchisson

'26PhD. Dean of the Faculty at Case Institute of Technology. Dr. Hutchisson has been active in the field of pure and applied physics during his entire professional career. He was assistant director of the American Institute of Physics from 1936-37 and was editor of the *Journal of Applied Physics* from 1937-54. He was awarded the Charles A. Coffin Fellowship in 1923-24 and in 1948 received the Presidential Certificate of Merit. An author, his research interests included acoustical problems, molecular structure and applied physics. Sigma Xi, Tau Beta Pi, Gamma Alpha. *Received Outstanding Achievement Award April 19, 1951.*



Rewey Belle Inglis

'08BA '23MA. Chief Editor of *Adventures in American Literature*. At the University she was president of Theta Epsilon and Euterpean Club. Assistant professor of education from 1919-31, she organized the Minneapolis English Teachers Club and was president of the National Council of Teachers of English, Minneapolis branch, American Association of University Women, Minneapolis Council of Church Women, MEA English Teachers Association and Gamma Phi Beta. She also was a member of the G.U.F. advisory committee and past director of the MAA. *Received Outstanding Achievement Award May 14, 1954.*



Leo Isaac

'20BS. Considered the world's leading authority on the management of Douglas fir. At the time of his retirement in 1956 he had been with the U.S. Forest Service for more than 35 years, spending most of them with the Pacific Northwest Forest and Range Experiment Station. In 1946 he received the Agnes Healy Anderson Fellowship at the University of Washington and in 1953 was an advisor to the West German government. From 1946-47 he served the United Nations in Turkey as a forest advisor. *Received Outstanding Achievement Award May 25, 1951.*



Carlyle F. Jacobsen

'24BA '28PhD. President of the Medical Center and Dean of the College of Medicine at the State University of New York at Syracuse. As assistant professor of psychobiology at Yale from 1932-36, he carried through a long series of research studies, especially of cerebral function in primates, which brought him the Warren Medal for Experimental Psychology. In 1939 he was awarded the Howard Crosby Medal for Experimental Psychology. At various times he has served as chairman of several national committees on psychology. Sigma Xi. *Received Outstanding Achievement Award April 19, 1951.*



O. B. Jesness

'12BSAg '24MS '28PhD. Professor Emeritus of Agricultural Economy and Former Head of the Department at the University of Minnesota. Recently named chairman of the Federal Reserve Bank in Minneapolis for 1960. Dr. Jesness served as chairman of the Minnesota State Planning Board from 1936-37 and is a member of the board of the Minnesota Institute of Governmental Research. Past president of the American Farm Economic Association and member of many other professional organizations. Noted author and editor of the *Journal of Farm Economics* from 1933-35. Alpha Zeta, Gamma Sigma Delta. *Received Outstanding Achievement Award May 9, 1959.*



Robert H. Jewett

'31BAE. Chief Project Engineer, Pilotless Aircraft, Boeing Airplane Co., Seattle, Wash. He is noted for his broad knowledge of the science of aerodynamics and related technical fields and for his ability to organize and administer research programs in such a way as to obtain the proper relation between the scope of the work, program timing and funds allocation. He directed Boeing Company's first ground-to-air pilotless aircraft program and in 1952 served as an industry member of the Air Force Missile Technical Evaluation Group of Research and Development Board. *Received Outstanding Achievement Award Oct. 15, 1954.*



Algot F. Johnson

'01BS(Mines). Chairman of the Board of Directors of the Al Johnson Construction Co., Minneapolis. Entered the construction field immediately following graduation and in 1927 organized his own firm which he served as president until 1952. In addition to directing the business affairs of his company, he has taken the initiative in solving difficult engineering problems connected with contracts totaling more than \$600 million. He has always been active in the civic, cultural and industrial activities of Minneapolis as well as national affairs and continued support of the University. *Received Outstanding Achievement Award Oct. 21, 1955.*



Erling O. Johnson

'38MA. Superintendent of Schools at Mankato, Minn. Johnson was educated in the public schools of Minnesota and South Dakota, receiving his BA from Luther College, Decorah, Iowa. He furnished outstanding leadership among the school superintendents of Minnesota in school district reorganization as president of the Minnesota Association of School Administrators and as president of the Southeast Division of the Minnesota Education Association. He has served as superintendent of schools in five Minnesota communities. Member of Phi Delta Kappa. *Received Outstanding Achievement Award June 25, 1958.*



F. Roy Johnson

'12BSAg. He was one of the early county agents in Minnesota and resigned to take over the operation of his home farm near Casselton, N.D. which is recognized as one of the outstanding and most successful farms in the Red River Valley. In addition he has been active in the North Dakota legislature and a past speaker of the house, a member of the State Board of Higher Education, on the board of the Farm Foundation and a director of one of the leading banks in Fargo, N.D. *Received Outstanding Achievement Award May 25, 1951.*



Sherman E. Johnson

'19SchAg '24BSAg '26MS. Director of Farm and Management Research, Agricultural Research Service, U.S. Department of Agriculture, Washington, D.C. Received a social science research fellowship to Harvard where he received his doctorate in 1938. Past president of the American Farm Economic Association and member of the American Economic Association, American Association for the Advancement of Science, International Conference of Agricultural Economists. Member of Alpha Zeta, Gamma Sigma Delta and well-known author. *Received Outstanding Achievement Award May 25, 1956.*



Thorvaldur Johnson

'25MS '30PhD. Chief of the Canada Department of Agriculture Research Laboratory, University of Manitoba, Winnipeg, Canada. He began with the Dominion Laboratory of Plant Pathology in 1925 as an assistant plant pathologist and achieved notable success in the research of cereal rust fungi and epidemiology of cereal rust diseases. A leader in the support of cooperative research projects to improve the production of food for peoples of the world. He is a Fellow of the Royal Society of Canada. *Received Outstanding Achievement Award Jan. 20, 1959.*



Joseph M. Juran

'24BSEE. Professor and Chairman of the Department of Administrative Engineering at New York University, New York. Juran began his career with Western Electric Co., Inc., in 1924, serving successively as inspector, supervisor, executive and mining engineer. He has held his post at NYU since 1945. A Fellow in the Royal Society of Arts in London, in 1945 he was the recipient of the Worcester Reed Warner Gold Medal from the American Society of Mechanical Engineering. Lecturer and author of numerous papers on management. Sigma Xi, Tau Beta Pi, Alpha Pi Mu. *Received Outstanding Achievement Award April 5, 1954.*



Fred R. Kappel

'24BEE. President of American Telephone & Telegraph Co., New York, since 1956. Kappel's public utilities career began as a serviceman with Northwestern Bell Telephone Co. immediately following his graduation from the University in 1942. In 1934 he was named plant engineer of the Nebraska-South Dakota area and in 1942 became vice president of operations and a member of the board of directors. He joined American Telephone & Telegraph Co. in January, 1949, and in January, 1954, was named president of Western Electric Co. Member of Eta Kappa Nu, Phi Sigma Phi. *Received Outstanding Achievement Award Dec. 3, 1954.*



Nolan C. Kearney

'24BSED '32MA '48PhD. Assistant Superintendent of Schools in charge of Research and Curriculum for St. Paul Public Schools. Kearney is noted for his keenness of insight into the problems of curriculum and administration in the public schools of the U.S. and vigorous leadership through speech, writing and active participation in the improvement of education in St. Paul and throughout the nation. The author of *Elementary School Objectives*, he also is co-author of several books and has contributed numerous articles to educational journals. Phi Delta Kappa. *Received Outstanding Achievement Award June 25, 1958.*



Charles F. Keyes

'96BS '99LLB. Minneapolis Attorney, deceased April 16, 1955. A successful Minneapolis attorney for more than half a century, he devoted much time for many years to volunteer public service, particularly in activity for the improvement of municipal government. One of the founders of the General Alumni Association, he was the first secretary and treasurer and its president from 1918-21. He also was a member of the Greater University Corp. He was an untiring crusader for responsible municipal government and a widely consulted authority on local and state taxation. *Received Outstanding Achievement Award May 22, 1953.*



Dr. Roland G. Keyworth

'16DDS. Practicing Dentist in St. Paul. A long record of faithfulness in the practice of dentistry and in the work of improving the dental societies by any means available. Served as president of the State Dental Association in 1929 and was a prime mover in the organization of *Northwest Dentistry*, one of the leading dental journals. At its start, he served as the editor of the publication. Conspicuous for his sustained interest in the activities of his dental societies and his participation in the work of the societies has been willing and unlimited. *Received Outstanding Achievement Award Feb. 17, 1951.*



Lawrence E. Kirk

'27PhD. Retired Head of the Plant Industry Branch of the Food and Agriculture Organization of the United Nations. Publisher of more than 50 scientific papers and bulletins, he taught at several Canadian schools before his U.N. assignment in 1947. From 1937-47 he served as dean of the college of agriculture at the University of Saskatchewan at Saskatoon. His primary concern has been with the breeding of improved grasses and legumes. Active in several professional organizations and societies. Sigma Xi, Gamma Sigma Delta. *Received Outstanding Achievement Award May 25, 1951.*



Paul E. Klopsteg

'11BSEE '13MA '16PhD. President of the American Association for the Advancement of Science. Dr. Klopsteg also is professor emeritus of applied science at Northwestern University and former director of research for Northwestern Technological Institute. Dr. Klopsteg taught physics at the University of Minnesota from 1911-17 and from 1930-44 was president of Central Scientific Co., a firm which he joined in 1921. Author of books on archery and many papers on science and education, he invented many scientific instruments. *Received Outstanding Achievement Award Oct. 5, 1950.*



Dr. John William Knutson

'31DDS. Assistant Surgeon General, Chief Dental Officer, United States Public Health Service, Washington, D.C.



The author and co-author of more than 30 publications on several studies including the incidence of dental disease in children; development of simple and effective use of topical fluorides in dental decay prevention; demonstration or pilot programs concerned with the prevention and treatment of dental disease; and administration of the nationwide topical fluorides demonstration program. Omicron Kappa Upsilon, Delta Omega, Pi Kappa Alpha. *Received Outstanding Achievement Award Feb. 17, 1951.*

Kenneth Albert Kobe

'26BS (Chem) '28MS '30PhD. Professor of Chemical Engineering at the University of Texas, Austin, Tex. Deceased Nov. 2, 1958. Specialist in submerged combustion processes, unit chemical processes and thermodynamics, he held seven patents on tear gas, submerged combustion and the recovery of manganese and sodium sulfate. He was associate editor of the *Journal of Chemical Education* and editorial adviser to other professional journals and an author of books and articles. Sigma Xi, Tau Beta Pi, Phi Lambda Upsilon, Alpha Chi Sigma and Gamma Alpha. *Received Outstanding Achievement Award Sept. 14, 1955.*

Alois F. Kovarik

'04BA '07MA '09PhD. Professor Emeritus of Physics, Yale University. Makes his home in Spillville, Iowa. Famous for his research work, at the beginning of his junior year at the University he was given a scholarship in physics and assigned the task of investigating radioactivity, a field of study at that time still in its infancy. From 1911-16 he taught at the University. Recipient of medal from Karlova University, Prague, in 1925; from Comenius University, Bratislava, 1932; Honorary Doktor Rerum Naturalium, Karlova, in 1932. Phi Beta Kappa, Sigma Xi. *Received Outstanding Achievement Award Sept. 1, 1954.*

Arthur O. Lampland

'30BBA '34LLB. President and Chairman of the Board of Lampland Lumber Co., St. Paul. Furnished forward-looking



leadership in the MAA and after serving as a director and vice president from 1946-49, was president from 1949-50. At the University he was named "Representative Minnesotan" and was a member of Tau Kappa Epsilon, Phi Beta Kappa, Beta Gamma

Sigma and Phi Delta Phi. A leader in community welfare and the national defense effort, in 1958 he received the St. Paul Jaycees' Ted Christianson Memorial Award for community service. *Received Outstanding Achievement Award May 25, 1951.*

Dr. Leonard W. Larson

'18BS '21MB '22MD. Partner in the Quain & Ramstod Clinic, Bismarck, N.D. Pathologist at the Bismarck Hospital



since 1924 and at St. Alexis Hospital since 1935, he joined the clinic in 1924 and became a partner in 1939. A member of the American Medical Association, he has been on the board of trustees since 1950. From 1950-51 he served as president of the North Dakota Medical Association and has served on the board of directors of the American Cancer Society since 1945. Sigma Xi, Alpha Omega Alpha, Phi Beta Pi. *Received Outstanding Achievement Award June 8, 1956.*

Frances I. Lay

'51BS. Colonel and Chief of the Air Force Nurse Corps. Entered the Army Nurse Corps in 1939 after graduation



from General Hospital School of Nursing, Greenville, S.C. During the war she was chief nurse of the 160th General Hospital in England. After transference to the Air Force Nurse Corps in 1949, she was sent to the University where she received her degree in nursing education. A lieutenant colonel in 1951, she was chief nurse of the School of Aviation Medicine. In 1956 she was made assistant chief of the Air Force Nurse Corps and later chief. *Received Outstanding Achievement Award April 10, 1959.*

Charles L. Lewis Jr.

'10BS (For). General Manager of the Midwest Cranberry Co. in Shell Lake, Wis., since 1941. President of the Wisconsin State Cranberry Association and manager and treasurer of the Badger Cranberry Co. from 1940-41.



Through the introduction and development of a profitable crop on land otherwise considered worthless or submarginal, he has made a significant contribution to the agriculture and economy of Wisconsin. For almost 20 years he maintained the Charles L. Lewis Scholarship in the University's School of Forestry to assist young men with limited means. *Received Outstanding Achievement Award Oct. 23, 1953.*

Herbert L. Lewis

'20BA '21MA. Editor of the St. Paul Dispatch and *Pioneer Press*. Lewis began his newspaper career in Marshall, Minn.,



and joined the St. Paul papers in 1916, advancing within five years from reporter to a berth as editorial writer. In 1949 he became editor after serving as chief editorial writer, managing editor and Washington correspondent. A long-time leader in the Foreign Policy Association, the St. Paul-Minneapolis Commission on Foreign Relations and in St. Paul community organizations. Phi Beta Kappa, Sigma Delta Chi. *Received Outstanding Achievement Award April 19, 1951.*

Willard C. Lighter

'33BBA. Executive Vice President of The Glidden Co., Cleveland, Ohio. Achieved conspicuous success both as a



corporation executive and expert in the soybean processing industry whose counsel is in frequent demand. Starting with Glidden in 1952 as manager of trading, in five years he rose to executive vice president. Formerly employed by Cargill, Inc., he is closely identified with that company's extension into the soybean crushing and feed business. He is a member of both the Chicago Board of Trade and the New York Produce Exchange. Alpha Kappa Psi. *Received Outstanding Achievement Award Dec. 4, 1958.*

Ralph M. Lindgren

'26BS(For) '28MS '37PhD. Chief, Division of Wood Preservation, U.S. Department of Agriculture Forest Service



Forest Products Laboratory, Madison Wisc. Instructor of plant pathology at the University from 1926-28, he joined the U.S. Department of Agriculture, New Orleans Forest Pathology Service, from 1928-37. From 1937-43 he was vice president in charge

of sales for Chapman Chemical Co., Nashville, Tenn., when he rejoined the U.S. Department of Agriculture Forest Pathology Service in Washington, D.C. Sigma Xi, Gamma Sigma Delta. *Received Outstanding Achievement Award Jan. 14, 1953.*

Maj. Gen. Richard C. Lindsay

'26-28. Director of Plans, Headquarters, United States Air Force, Washington, D.C. Gen. Lindsay was appointed



brigadier general in 1944, advanced to major general in 1947. During the war he served as AAF member, joint war plans commission, joint chiefs of staff, Washington, and also as AAF member, joint staff planners. He has also

served as commander of the Allied air forces in Southern Europe. Military honors include decorated commendation ribbon, distinguished service medal, legion of merit with oak leaf cluster, bronze star and most excellent order of the British empire. Phi Kappa Sigma. *Received Outstanding Achievement Award May 17, 1951.*

James J. Lingane

'35BCh '38PhD. Chairman of the Department of Chemistry, Harvard University. Cited by the Chicago Section of the



American Chemical Society in 1947 as one of the "10 ablest" analytical chemists, he is active in the field of electroanalysis, instrumental methods of analysis and in polarographic and physico-chemical analytical methods. He is author of *Electrochemical Methods of Analysis*, an international classic, and co-author of *Polarography*. Following graduation from Minnesota, he taught at the University of California. *Received Outstanding Achievement Award Dec. 3, 1959.*

Georgina L. Lommen

'18BAEd. Retired Director of the Laboratory School and Teacher Training, Moorhead State Teachers College. Miss



Lommen was a leader in curriculum work for small schools of the state and pioneer worker in education for international understanding. For 12 years she served as chairman of the International Relations Committee of the Minnesota Education

Association, developing classroom materials of help to teachers. She was for many years a member of the board of trustees of the State Teachers' Retirement Fund. Phi Beta Kappa, Kappa Delta Pi, Delta Kappa Gamma and Pi Lambda Theta. *Received Outstanding Achievement Award May 24, 1951.*

George A. Lundberg

'25PhD. Professor and Head of the Department of Sociology at the University of Washington, Seattle. Prof. Lundberg studied at the



Universities of North Dakota, Wisconsin, London, Columbia and London School of Economics as well as Minnesota and taught sociology and statistics at most of these and the Universities of Washington, Pittsburgh, Stanford and

Brigham Young and Bennington College and lectured at universities in Sweden and Norway. He has held senior positions with several U.S. government agencies and has written six books and dozens of articles. *Received Outstanding Achievement Award April 19, 1951.*

Harold Lloyd Lyon

'00BS '01MS '03PhD. Emeritus Director of the Experiment Station of the Hawaiian Sugar Planters' Association, Honolulu. Deceased. Dr. Lyon joined the experiment station of the Hawaiian Sugar Planters' Association in 1907 and was made its director in 1936, holding that position until his retirement in 1948. He organized the field and laboratory investigations of problems for the Hawaiian Pineapple Canners' Association in 1914 and directed the work until 1922. He traveled extensively in connection with problems dealing with sugar cane, pineapples and forests. *Received Outstanding Achievement Award April 19, 1951.*

Frank F. Marshall

'99BS(For). Retired Project Manager of the Rural Rehabilitation and Resettlement Administration. Now living in



Litchfield, Minn. Appointed the first county agent in Minnesota in 1912, he urged farmers to turn to diversified farming, to produce alfalfa, corn and livestock in a region that was principally a one-crop area. He helped promote the then-infant 4-H Club

movement and returned to farming in 1914 and was one of the founders of the Meeker County Farm Bureau. Served with the Rehabilitation and Resettlement Administration from 1935 until his retirement in 1948. *Received Outstanding Achievement Award Jan. 14, 1953.*

Mary L. Matthews

'04BS(HE). Dean Emeritus of the School of Home Economics at Purdue University since 1951. She was active



in the Association of Land Grant Colleges and Universities and in the American Home Economics Association. Through her influence Purdue is recognized as one of the institutions of higher education which has made a significant contribution in developing leaders in home economics. Her books emphasize the contributions of science to home and family living as well as the social values of the family as an institution important in national well-being. *Received Outstanding Achievement Award May 25, 1951.*

William W. McCallum

'30BBA. President of John Morrell & Co., Chicago. Has gained recognition as the executive who brought new life to an



independent company whose competitors are great corporations. In recent years he has been termed "an aggressive expansionist" and has been credited as the driving force behind the recent growth of the Morrell firm. He has been especially active in packing plant and community relationships, being a fervent advocate of "three-cornered cooperation" between employees, company and community. *Received Outstanding Achievement Award Dec. 4, 1958.*

Agnes McCarthy
(Mrs. Alfred Carl Ott)

'19BS(HE). Head of the Department of English, Faribault High School, Faribault, Minn. Deceased. Miss McCarthy helped to improve the teaching of English in Minnesota through her curriculum planning at Faribault, her flexible grasp of subject matter, her sympathetic concern for her students as individuals and her helpful induction of new teachers into the high school program. In 1948 she headed the state curriculum committee in the language arts. In addition, she was the author of one book and several articles in educational publications. *Received Outstanding Achievement Award May 24, 1951.*

John F. McGovern

'11LLB. Vice President in charge of Public and Personnel Relations for the Green Giant Co. in LeSueur, Minn.



Through his leadership, his company has received recognition from public and personnel relations institutes for its forward and liberal public and employee relations programs. He has served as president of the National Canners Association, Minnesota

Canners Association and Minnesota Employers Association and in 1949 was national campaign chairman for the Greater University Fund. He has long been active in MAA affairs. Alpha Tau Omega, Phi Delta Phi. *Received Outstanding Achievement Award May 22, 1953.*

Miss Pearl McIver

'19GN. Chief of the Division of Public Health Nursing for the U.S. Public Health Service, Washington, D.C. Miss



McIver is a pioneer in the field of federal health services and a former staff member of the University of Minnesota Student Health Service. Active in professional nursing organizations, she has served as president of the American Nurses Association

and a member of various committees of the American Public Health Association and the National Organization of Public Health Nurses as well as the Council of Federal Nursing Service. *Received Outstanding Achievement Award Oct. 8, 1951.*

Franklin R. McMillan

'05CivE. Retired Director of Research for the Portland Cement Association. Now living in North Carolina. Most of



his time since graduation was spent in research and development work with portland cement concrete. A noted author in his field, his *Concrete Primer* won the Wason Medal and has been translated into several different languages. From 1909-

18 he taught at the University and in 1918 joined the Emergency Fleet Corp., U.S. Shipping Board, in charge of concrete ship tests. In this work he developed the strainograph for measurement of hull stresses. He joined Portland Cement in 1924. *Received Outstanding Achievement Award Oct. 5, 1950.*

Edith McNaughtan

'28BSEd. Principal of Lindsay School for Crippled Children, St. Paul. Miss McNaughtan has been very active in the



Artrusa Club in St. Paul, serving the community constantly through this agency. She was president of the Elementary Principals Club in that city and of Minnesota Women in Education. She also is a member of the State Rehabilitation Board, representing the work for crippled children.

She also has been active in organizations for the Education of Exceptional Children. Pi Lambda Theta. *Received Outstanding Achievement Award May 24, 1951.*

Ernest O. Melby

'26MA '28PhD. Former Dean of the College of Education of New York University. As superintendent of three different school systems in Minnesota, Melby assumed leadership among the school men of the state. Later he became leader of the liberal educational group in Chicago and Evanston. Since 1945 he has worked with UNESCO and the U.N. and other groups interested in promoting education for world understanding. He is a prolific writer of books and for periodicals and in 1950 was selected by the *Saturday Review of Literature* to edit its education number. Phi Delta Kappa. *Received Outstanding Achievement Award May 24, 1951.*

Phillip L. Merritt

'28BA. Manager of the New York office of E. J. Longyear Co. Author of many articles in *Economic Geology* with



specialization in uranium, he joined the E. J. Longyear Co. in 1954 as senior geologist in charge of the company's engineering and geological office in New York City, specializing in uranium appraisals. Holding MA and PhD degrees from Columbia,

where he studied on a Kemp Fellowship, he holds the U.S. Legion of Merit for his contribution to the Manhattan Project for which he organized and directed uranium exploration. From 1946-54 he was with the A.E.C. Sigma Xi, Gamma Alpha. *Received Outstanding Achievement Award Nov. 30, 1956.*

James Bradshaw Mintener

'29LLB. Counsel for Blum, Lindsey and Powell law firm in Washington, D.C. Former assistant secretary of Health, Education and Welfare



in charge of federal-state relations. Until 1954 he was vice president and general counsel of Pillsbury Mills. Following a general law practice in Minneapolis, he became associated with Pillsbury in 1933. He was director of the

National Conference of Christians and Jews, chairman of the Minnesota Efficiency in Government (Little Hoover) Commission, and active worker in a score of other local and national groups. *Received Outstanding Achievement Award May 25, 1951.*

William D. Mitchell

'95BA '96LLB. Senior Partner in the law firm of Mitchell, Capron, Marsh, Angulo and Cooney, New York. Deceased August 24, 1955. From 1925-29 he served as solicitor general of the U.S. by appointment of President Coolidge and from 1929-33 he was U.S. attorney general. Since 1935 he had served as chairman of the Supreme Court advisory committee on Federal Rules of Civil Procedure and was chief counsel of the joint Congressional committee investigating the Pearl Harbor disaster. He was secretary of the first St. Paul Charter Commission in 1900. *Received Outstanding Achievement Award April 30, 1951.*

Dr. Gordon K. Moe

'37BS '39MS '40PhD. Professor of Physiology and Chairman of the Department at the College of Medicine, State University of New York, Syracuse.



An assistant in physiology at the University from 1936-39 and instructor from 1939-40, he received his MD from Harvard Medical School in 1943 while teaching pharmacology there. He was associated with the

University of Michigan Medical School from 1944-50 and has served as consultant to Walter Reed Army Hospital. His principal interests have been the physiology and pharmacology of the cardiovascular and autonomic nervous systems. Received Outstanding Achievement Award Sept. 29, 1958.

Mildred L. Montag

'33GN '33BSEd. Professor of the Division of Nursing Education at the Teachers College of Columbia University.



She was director of the Adelphi College School of Nursing from 1943-48 and in 1948 she went to Columbia as associate professor of education. She has been a professor since 1958. She is the author of *Education of Nursing Technicians*,

1950, *Community College Education for Nursing*, 1958, and co-author of *Fundamentals of Nursing Care*, 1958. Received Outstanding Achievement Award April 10, 1959.

George W. Morgan

'05BA. Senior Member of the Law Firm of Morgan, Headley, Raudenbush and Morgan, St. Paul. Deceased. Admitted to the Minnesota bar in 1908,



after two years with a private law firm he became attorney for subsidiaries of U.S. Steel in Duluth from 1910-18. He served as chairman or other executive officer on several civic and community projects such as

planning commissions, improvement councils and charity organizations. He was also president of the Amherst H. Wilder Charity and trustee of the Hill Reference Library. Beta Theta Pi. Received Outstanding Achievement Award April 19, 1951.

Wayne L. Morse

'28LLB. United States Senator from Oregon. Announced candidate for Democratic presidential nomination. Began his



legal career as a faculty member of the University of Oregon Law School, later became its dean. He has also gained recognition as a written interpreter of criminal law administration, in labor relations and arbitration. Was administrative director of

the U.S. Attorney General's Survey of Release Procedures which resulted in a comprehensive report in 1939. First elected to the U.S. Senate in 1944, re-elected in 1950 and again in 1956. Delta Sigma Rho, Gamma Eta Gamma, Pi Kappa Alpha. Received Outstanding Achievement Award Feb. 26, 1959.

Albert H. Moseman

'44PhD. Associate Director of Agriculture for the Rockefeller Foundation, New York. Past director of crops research



in the United States Department of Agriculture. He began his scientific career with the Bureau of Plant Industry, United States Department of Agriculture, in 1936. When the research work of the department was reorganized in 1953

he was named director of crop research, with responsibility for the field crops, horticultural crops and entomology research programs of the Agricultural Research Service. Sigma Xi. Received Outstanding Achievement Award Feb. 27, 1958.

Arthur (Red) Motley

'22BA. President of Parade Publications, Inc., and Publisher of *Parade*, *The Sunday Picture Magazine*, New York. In



1954 named one of "America's 12 Master Salesmen" and elected to the "Hall of Fame in Distribution." Past chairman of the board of the National Sales Executives and in 1957 chairman of the distribution side of the President's Conference on Technical

and Distribution Research for the Benefit of Small Business. Director and vice president of U.S. Chamber of Commerce. Zeta Psi, Phi Beta Kappa. Received Outstanding Achievement Award May 23, 1952.

Frank W. Moudry

'15PhmC. Owner of Moudry's Apothecary Shop, St. Paul. A member of the Minnesota State Board of Pharmacy for



five years and secretary of the organization for 22 years, he also is a member and past president of the Minnesota State Pharmacy Association and served on its executive committee for six years. He also is past president of the National Association of Retail Druggists and the National Association of Boards of Pharmacy. A member of Phi Delta Chi. Received Outstanding Achievement Award

Oct. 18, 1951.

Clarence L. (Biggie) Munn

'32BSEd. Director of Athletics and Head of Health, Physical Education and Recreation for Men and Women at



Michigan State University. Coach at the University of Michigan from 1938 through 1945 and at MSU, 1947 through 1953. At the University made All American teams in 1930, All-Conference, All-Midwest and in 1931 made all All-Americans. Minnesota's

Most Valuable Player in 1930 and 1931 when he was voted most valuable in the Big 10 and won Chicago Tribune Trophy. In 1959 selected as the Coach in the Football Hall of Fame. Received Outstanding Achievement Award June 4, 1957.

Dr. Jay Arthur Myers

'20MD. Professor Emeritus of the University of Minnesota School of Public Health. Holder of degrees from many



colleges and organizations, Dr. Myers is a career TB fighter who has published 17 books and more than 700 scientific articles on the control of TB. He began his teaching career at the University Medical School in 1914. He presently is compiling an extensive

research on the history of tubercular patients seen during his nearly two-score years of medical practice. Recipient of many awards and honors. Phi Beta Kappa, Sigma Xi, Alpha Omega Alpha, Nu Sigma Nu. Received Outstanding Achievement Award Sept. 28, 1959.

Will M. Myers

'34MS '36PhD. Chief of the Department of Agronomy and Plant Genetics at the University. Presently on a year's



leave of absence with the Rockefeller Foundation in India, helping to organize a graduate school at the College of New Delhi. Previously he was an agricultural administrator with the Bureau of Plant Industry, Soils and Agricultural Engineering of the U.S.

Department of Agriculture. Widely known for his research in forage crops and rust resistance of flax, wheat breeding and other fields. Alpha Gamma Rho, Alpha Zeta, Phi Kappa Phi, Gamma Sigma Delta. *Received Outstanding Achievement Award May 25, 1951.*

Dr. Charles Nelson

'05DDS. Private dental practitioner in Fergus Falls, Minn. Deceased Jan., 1960. Dr. Nelson was an outstanding leader in



community life and professional activities having untiringly served local, state, regional and national dental associations as well as the civic welfare of the community in which he lived. He was noted for his community awareness as well as his high ideals and work with the dental societies, particularly in the northwest part of the state. *Received Outstanding Achievement Award Feb. 17, 1951.*

Margaret Newton

'22PhD. Senior Plant Pathologist at the Dominion Laboratory of Plant Pathology at Winnipeg, Canada, until her retirement in 1945.



She was an associate professor at the University of Saskatchewan from 1921-25 when she became senior plant pathologist at the Dominion Laboratory. She is known for her research on the rust fungi on cereal crops and her

leadership in developing a rust resistant program. She was elected to the Royal Society of Canada in 1942 and in 1948 received the Royal Society of Canada's Flavelle Medal for outstanding contributions to science. Sigma Xi, Sigma Delta Epsilon. *Received Outstanding Achievement Award Feb. 24, 1956.*

Robert J. Noble

'22MS '23PhD. Retired Under Secretary and Director of the Department of Agriculture in New South Wales, Australia. He served in the post for 19 years until his retirement in 1959. He was chosen for "noted professional attainment" as an "internationally celebrated plant pathologist and administrator." Last year he received the Farrer Memorial Medal which is



awarded annually to a man who renders distinguished service to agricultural science in Australia. In 1955 he headed the Australian delegation to the first meeting of the UN Food and Agricultural Organization. *Received Outstanding Achievement Award May 25, 1951.*

Elmore H. Northey

'27BA '30PhD. Technical Director for the Fine Chemical Division of American Cyanamid Co., New York. Among his many contributions, his work on the sulfa



drugs is most conspicuous. He developed a process and directed the work for the first commercial production of sulfanilamid in the United States and compiled and wrote a volume on sulfa drugs which is one of the best and most authoritative books of its kind. He joined American Cyanamid Co. in 1945 after working with DuPont and Calco Chemical Co. *Received Outstanding Achievement Award Sept. 14, 1955.*

Willard C. Olson

'20BAEd '24MA '26PhD. Professor of Education and Director of Research in Child Development at the University of Michigan. Dr. Olson has been active in major educational and psychological organizations in the U.S. for more than 25 years, during which time he has furnished distinguished leadership in education and research in child development. In addition to many other posts he is a Fellow of the American Psychological Association and was secretary from 1936-45 and is a Fellow of the American Orthopsychiatric Association and past vice president. Phi Delta Kappa, Phi Kappa Phi, Sigma Xi. *Received Outstanding Achievement Award May 24, 1951.*



tion to many other posts he is a Fellow of the American Psychological Association and was secretary from 1936-45 and is a Fellow of the American Orthopsychiatric Association and past vice president. Phi Delta Kappa, Phi Kappa Phi, Sigma Xi. *Received Outstanding Achievement Award May 24, 1951.*

William H. Oppenheimer

'04LLB '05LLM. Senior Partner in a St. Paul law firm. Began his law career as an editor with Keefe - Davidson Law Book Publishers in 1904 and began his private law practice in 1906. His partnership was formed in 1913. Helped organize the St. Paul Rotary Club and served for 10 years as a member of the St. Paul Charter Commission. Member of the board of the St. Paul Association of Commerce for many years. Active in city and state affairs and director of several companies. Alpha Tau Omega. *Received Outstanding Achievement Award June 14, 1957.*



members of the educational staff participated in developing programs for improving community living conditions. Phi Delta Kappa. *Received Outstanding Achievement Award May 24, 1951.*

Henry J. Otto

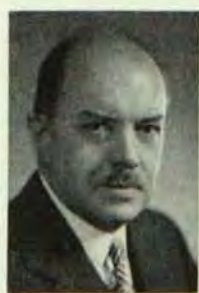
'27MA '31PhD. Graduate Professor of Elementary Curriculum and Administration at the University of Texas. Dr. Otto has conducted extensive research dealing with the organization and administration of elementary education. For a period of years he was instrumental in setting up workshops in rural areas of Michigan in which community leaders and members of the educational staff participated in developing programs for improving community living conditions. Phi Delta Kappa. *Received Outstanding Achievement Award May 24, 1951.*



received his LLLB from Harvard in 1920. Also a director of Tri-Continental Corp. and Shell Caribbean Petroleum Co. and chairman of the board of managers of the vocational service center branch of the YMCA in New York. The late President Lotus D. Coffman named him University representative on the board of directors of Parents Institute, Inc., publisher of Parents' Magazine on which he served from 1936-49. Phi Beta Kappa, Delta Sigma Rho, Beta Theta Pi. *Received Outstanding Achievement Award June 10, 1949.*

Carl W. Painter

'15BA. A Senior Partner in the law firm of Cravath, Swaine & Moore with which he has been associated since he



received his LLLB from Harvard in 1920. Also a director of Tri-Continental Corp. and Shell Caribbean Petroleum Co. and chairman of the board of managers of the vocational service center branch of the YMCA in New York. The late President Lotus D. Coffman named him University representative on the board of directors of Parents Institute, Inc., publisher of Parents' Magazine on which he served from 1936-49. Phi Beta Kappa, Delta Sigma Rho, Beta Theta Pi. *Received Outstanding Achievement Award June 10, 1949.*

Dr. James W. Papez

'08BA '11MD. Director of Biological Research for Ohio's Department of Public Welfare and Professor Emeritus of the Medical College at Cornell University. Deceased 1958.



In the course of a long career as an educator he also taught anatomy, histology and embryology at the Atlanta Medical College and Emory University Medical School. His special interest in anatomy produced extensive studies in comparative neurology about which he wrote several books and more than 70 papers for journals. Alpha Epsilon Delta, Sigma Xi, Phi Kappa Phi. *Received Outstanding Achievement Award Feb. 28, 1957.*

Frank W. Peck

'12BSAg '17MS. From 1912-28 he was a member of the University Farm Management staff, then serving with the Bureau of Agricultural Economics, U.S. Department of Agriculture. He returned to the University in 1921 to direct the Agricultural Extension Division for 12 years. He was Cooperative Bank Commissioner, Farm Credit Administration, for a time,



returning again to the University as director of Extension and vice director of the Experiment Station. In 1938 he resigned to become president of the Federal Land Bank and later became managing director of the Farm Foundation. *Received Outstanding Achievement Award May 25, 1951.*

Dr. James E. Perkins

'27BS '29MB '30MD. Managing Director of the National Tuberculosis Association. Began his medical career as an epidemiologist with the Minnesota State Department of Health in 1930. As senior surgeon of the U.S. Public Health Service Reserve, in 1945 he was sent to Italy as a member of the Medical Nutrition Mission. In 1948 he was a member of the U.S. delegation to the first World Health Assembly of the U.N. at Geneva, Switzerland. Beta Theta Pi, Phi Delta Kappa, Pi Sigma Alpha. *Received Outstanding Achievement Award Oct. 8, 1951.*



the U.S. delegation to the first World Health Assembly of the U.N. at Geneva, Switzerland. Beta Theta Pi, Phi Delta Kappa, Pi Sigma Alpha. *Received Outstanding Achievement Award Oct. 8, 1951.*

Thomas W. Phelps

'23BA. Assistant Chairman of the Board of Socony-Vacuum Oil Co., Inc. Phelps began his business career as city editor of the Rochester, Minn., *Post and Record* in 1919. From 1923-25 he was city editor of the *Minneapolis Journal* and a free lance writer from 1925-27. From 1929-35 he was news editor and chief of the Washington bureau of the *Wall Street Journal* and from 1936-38 he was editor of *Barron's Financial Weekly*. From 1938-49 he was partner and economist of the Francis I. duPont & Co. Phi Beta Kappa, Beta Theta Pi. *Received Outstanding Achievement Award May 25, 1956.*



and from 1936-38 he was editor of *Barron's Financial Weekly*. From 1938-49 he was partner and economist of the Francis I. duPont & Co. Phi Beta Kappa, Beta Theta Pi. *Received Outstanding Achievement Award May 25, 1956.*

John S. Pillsbury

'00BS. Honorary Chairman of the Board of Pillsbury Mills, Inc., Minneapolis. Pillsbury joined the firm in 1900 and served as sales manager from 1906-09, secretary - treasurer from 1909-13, executive vice president from 1913-32 and board chairman from 1932-52. He was a member of the original University Stadium Drive committee and the original Greater University Corp. both then and during the auditorium and Coffman Union drives. His civic and philanthropic interests have been both pioneering and sustaining. Chi Psi. *Received Outstanding Achievement Award May 24, 1951.*



and board chairman from 1932-52. He was a member of the original University Stadium Drive committee and the original Greater University Corp. both then and during the auditorium and Coffman Union drives. His civic and philanthropic interests have been both pioneering and sustaining. Chi Psi. *Received Outstanding Achievement Award May 24, 1951.*

Dr. Edith L. Potter (Mrs. Alvin W. Meyer)

'23BS '24MB '25MD '34PhD. Professor of Pathology at the University of Chicago. Dr. Potter is renowned for her research in diseases of the newborn and for investigations in the Rh problem. She began her medical career at the Cobb Clinic, St. Paul, in 1926 and from 1931-34 she was a teaching fellow in pathology at the University of Minnesota. In 1954 she was consultant to the Surgeon General of the Army in the Far East. Member of many professional medical societies, she is the author of several books and contributor to medical journals. Sigma Xi, Sigma Delta Epsilon. *Received Outstanding Achievement Award Oct. 8, 1951.*



she was consultant to the Surgeon General of the Army in the Far East. Member of many professional medical societies, she is the author of several books and contributor to medical journals. Sigma Xi, Sigma Delta Epsilon. *Received Outstanding Achievement Award Oct. 8, 1951.*

Oliver S. Powell

'17BA. President of the Federal Reserve Bank of Minneapolis since 1952. Powell began his banking career as clerk of the National City Bank of New York in New York City and Petrograd, Russia from 1916-18 and from 1920-36 held various positions with the Federal Reserve Bank of Minneapolis. From 1936-50 he was first vice president and from 1950-52 a member of the board of governors of the Federal Reserve System. From 1951-52 he was chairman of the National Voluntary Credit Restraint Committee. Beta Gamma Sigma, Delta Sigma Pi. *Received Outstanding Award May 25, 1951.*



From 1951-52 he was chairman of the National Voluntary Credit Restraint Committee. Beta Gamma Sigma, Delta Sigma Pi. *Received Outstanding Award May 25, 1951.*

Samuel R. Powers

'19MA '23PhD. Professor and Head of the Department of Natural Science, Teachers College, Columbia University, New York. He has been active in major educational organizations of the U.S. and is a Fellow of the American Association for the Advancement of Science. In 1938 he was president of the National Association for Research in Science. He has written many books and articles, is a member of the editorial board of the *World Book Encyclopedia* and chairman of the editorial board for the *Grolier Book of Popular Science*. Phi Delta Kappa. *Received Outstanding Achievement Award May 24, 1951.*



He has written many books and articles, is a member of the editorial board of the *World Book Encyclopedia* and chairman of the editorial board for the *Grolier Book of Popular Science*. Phi Delta Kappa. *Received Outstanding Achievement Award May 24, 1951.*

William L. Prosser

'28LLB. Dean of the Law School, University of California, Berkeley. A leading scholar in the field of tort law, he has published a text on that subject which is the standard for modern American law in that field. He also is author of a casebook on torts and a book entitled *The Judicial Humorist*. Former professor of law at the University of Minnesota, he was a commissioner on Uniform Laws for this state for many years. He also has served in the same capacity for California. From 1936-42 he was editor of the *Minnesota Law Review*. Phi Delta Phi (president 1947-49). *Received Outstanding Achievement Award April 28, 1955.*



Former professor of law at the University of Minnesota, he was a commissioner on Uniform Laws for this state for many years. He also has served in the same capacity for California. From 1936-42 he was editor of the *Minnesota Law Review*. Phi Delta Phi (president 1947-49). *Received Outstanding Achievement Award April 28, 1955.*

Dr. Theodore Rasmussen

'34BS '34MB '35MD 39MS. Chief of Neurosurgery at the Montreal Neurological Institute, Montreal, Quebec. His special interests have



been concerned with the localization of cortical function and the effects of radiation on cerebral tissue. Following graduation, he trained in neurological surgery at the Montreal Neurological Institute and in 1941 was

neuro surgeon for the 20th General Hospital in the China-Burma-India theater of operations. He has served in his present post since 1954 and also has taught at the University of Chicago Medical School. *Received Outstanding Achievement Award Sept. 29, 1958.*

John Henry Ray

'08BA. Member of the 83rd and 84th Congress from New York. Ray, who received his LLB from Harvard in 1911,



joined a Minneapolis law firm that year and became a member of the firm in 1917. During World War I he was assistant to the special representative of the Secretary of War in adjustment of War Department claims against allied governments and following the war was a member of his own law firm and served Western Electric Co. and American Telephone and Telegraph Co. Since 1951 he has acted as counsel to Skodden, Arps and Slate. Beta Theta Pi. *Received Outstanding Achievement Award May 25, 1956.*

Philip L. Ray

'12BA. Chairman of the Executive Committee and Director of First National Bank of St. Paul, and Chairman of the Board and Director of the First Trust Co., St. Paul. Known throughout the nation for his association with mining, timber and business corporations. During his 48-year business career he has held numerous administrative positions in banking and industrial development enterprises. In addition to other positions, he was president and director of several iron mining firms. *Received Outstanding Achievement Award Dec. 4, 1958.*



William David Reeve

'24PhD. Retired in 1949 as Professor of Mathematics at Teachers College, Columbia University, New York. For many years before his retirement the outstanding leader in the field of teaching mathematics in high schools of this country and the moving spirit behind the National Council of Teachers of Mathematics, whose yearbooks he edited for 20 years and whose official journal, *The Mathematics Teacher*, he edited for 23 years. He is the author of many articles in the field and several textbooks, many widely used. Kappa Delta Pi, Phi Delta Kappa (awarded Honor Key). *Received Outstanding Achievement Award March 31, 1953.*



Paul W. Rhame

'20BSE '21ME. General Manager of the Milwaukee Plant of the A. C. Spark Plug Division of General Motors Corp. during World War II. Now with the General Motors offices in Detroit. During World War II he was in charge of converting the plant to the manufacture of war equipment. He organized the plant for the production of machine guns 12 months ahead of the contract schedule. For two years he taught automotive engineering at the University before joining A. C. in 1918. He became general manufacturing manager in 1938. *Received Outstanding Achievement Award Oct. 5, 1950.*



Walter L. Rice

'25BA. Vice President and Director of Reynolds Metal Co., Richmond, Va., and President and Director of Reynolds Mining Corp., Reynolds Jamaica Mines, Ltd. and Reynolds Haitian Mines, Inc. Officer and director of many allied companies, he started his career as a lawyer in New York City after receiving his LLB from Harvard in 1928. From 1935-41 he was chief counsel for the government in a monopoly suit against the Aluminum Co. of America. In 1934 he drafted the Federal Anti-Racketeering Act. Chi Phi, Phi Beta Kappa, Phi Delta Phi, Sigma Delta Chi, Pi Delta Epsilon. *Received Outstanding Achievement Award May 14, 1954.*



David W. Robertson

'20MS '28PhD. Chief Agronomist and Head of the Department at Colorado State University, Fort Collins, Colo. Dr. Robertson joined the Colorado State faculty in 1920 as an associate agronomist, held the position of agronomist from 1936-46 when he was named head of the department. A member of the American Society of Agronomy since 1941, he served as president of the organization in 1952. Author of agricultural station bulletins, he also contributes scientific articles to agricultural journals. Sigma Xi, Phi Kappa Phi, Gamma Sigma Delta, Alpha Zeta. *Received Outstanding Achievement Award March 14, 1957.*



Dr. Louis H. Roddis

'13MD. Retired Naval Captain, Medical Corps. Now living in San Diego, Calif. Medical and Minnesota historian, Naval medical officer, biographer, medical editor and book collector. He was three times editor of the *United States Naval Medical Bulletin* and from 1933-37 was lecturer on medical history at the Navy's postgraduate medical school. He saw extensive sea duty during World War II. He is the author of several books in the field of medical history and biography and his last official Navy duty was as editor of the official Naval medical history of World War II. *Received Outstanding Achievement Award June 4, 1957.*



Herman A. Rodenheiser

'28MS '28PhD. Chief of the Division of Cereal Crops and Diseases at the Plant Industry Station, Beltsville, Md. An instructor at the University in plant pathology from 1927-30, he joined the Division of Cereal Crops and Diseases of the U.S. Department of Agriculture in 1930. In 1941 he was appointed coordinator of the department's work on cereal rusts and in 1951 became assistant head of the division. He was appointed to his present position in 1952. Sigma Xi, Gamma Alpha, Gamma Sigma Delta, Alpha Theta. *Received Outstanding Achievement Award Jan. 14, 1953.*



Lewis A. Rodert

'30BAE. Aeronautical Research Scientist at the Lewis Flight Propulsion Laboratory, Cleveland Ohio. He has done valuable research in recent years on protection against two major flight hazards, icing on planes and aircraft fires. A member of the first graduating class of the Department of Aeronautical Engineering at the University, he taught for six years at Duluth Junior College before joining the National Advisory Committee on Aeronautics in 1936. Awards include the Collier Trophy, John Price Wetherill Medal of the Franklin Institute and Fellow in the Institute of Aeronautical Sciences. Received Outstanding Achievement Award Oct. 15, 1954.



ior College before joining the National Advisory Committee on Aeronautics in 1936. Awards include the Collier Trophy, John Price Wetherill Medal of the Franklin Institute and Fellow in the Institute of Aeronautical Sciences. Received Outstanding Achievement Award Oct. 15, 1954.

Charles H. Rogers

'18PhD. Dean and Professor Emeritus of the University of Minnesota College of Pharmacy. Dr. Rogers has been a life-long advocate of effective and model programs of pharmaceutical education. He served the University continuously from 1913 until his retirement with the exception of three years from 1914-17 when he taught at the University of West Virginia. Member and past president of the American Association of Colleges of Pharmacy as well as many other professional organizations. Sigma Xi, Phi Lambda Upsilon, Rho Chi, Phi Delta Chi, Alpha Chi Sigma. Received Outstanding Achievement Award May 27, 1959.



member and past president of the American Association of Colleges of Pharmacy as well as many other professional organizations. Sigma Xi, Phi Lambda Upsilon, Rho Chi, Phi Delta Chi, Alpha Chi Sigma. Received Outstanding Achievement Award May 27, 1959.

Carl O. Rosendahl

'01BA '02MA. Professor Emeritus and former Chairman of the Department of Botany at the University of Minnesota. Deceased March 4, 1956. Dr. Rosendahl, who received his PhD in botany from Berlin, started his teaching career at the University in 1901 as an instructor and retired as professor emeritus in 1944. He had a wide reputation as a taxonomist with special interest in the Saxifrage family, being a world authority in this group, a recognized authority on the peat deposits in the state. Received Outstanding Achievement Award April 19, 1951.



interest in the Saxifrage family, being a world authority in this group, a recognized authority on the peat deposits in the state. Received Outstanding Achievement Award April 19, 1951.

George Russell

'27BS (Bus). Executive Vice President of General Motors, Detroit, and Director of General Motors Acceptance Corp.



Prior to joining General Motors, Russell was employed by H. C. J. Peisch, C.P.A., and was on the comptroller's staff of the Minneapolis, St. Paul and Sault Ste. Marie Railway in Minneapolis. In 1927 he joined G.M.'s treasurer's office, held various executive positions on the financial staff and in 1944 was appointed assistant treasurer. In 1949 he was named finance manager of the G.M. Overseas Operations Division and in 1951 was elected treasurer of the corporation. Received Outstanding Achievement Award May 20, 1955.

Harrison E. Salisbury

'30BA. Staff Member of the *New York Times* and *Times Moscow* correspondent from 1949-54. He began his newspaper career with the *Minneapolis Journal* in 1928 and in 1930 became a correspondent for the *United Press* in St. Paul. He served later in Chicago, Washington and New York and became London manager in 1943, Moscow manager in 1944 and foreign news editor from 1944-48. In 1955 he received the Pulitzer Prize for International Correspondence. Theta Delta Chi, Sigma Delta Chi. Received Outstanding Achievement Award Jan. 20, 1955.



1944 and foreign news editor from 1944-48. In 1955 he received the Pulitzer Prize for International Correspondence. Theta Delta Chi, Sigma Delta Chi. Received Outstanding Achievement Award Jan. 20, 1955.

John B. Sanborn

'05BA. United States Circuit Judge of the Eighth District since 1932. Sanborn, who received his LLB from St. Paul College of Law in 1907, was admitted to the Minnesota bar and started practice in St. Paul that same year. From 1913-15 he was a member of the Minnesota House of Representatives and from 1920-21 a member of the Minnesota Tax Commission. From 1922-25 he was judge of district court in Minnesota and from 1925-32 was a U.S. District Judge for the Minnesota district. Chi Psi. Received Outstanding Achievement Award May 25, 1956.



From 1922-25 he was judge of district court in Minnesota and from 1925-32 was a U.S. District Judge for the Minnesota district. Chi Psi. Received Outstanding Achievement Award May 25, 1956.

Henry A. Scandrett

'98BL '00LLB. Retired President of Chicago, Milwaukee, St. Paul & Pacific Railway Co., Chicago, Ill. Deceased March 20, 1957.



Captain of the University's 1898 football team, Scandrett started his railway career as a claims adjuster in 1901 for the Union Pacific. When he left the company in 1928 to join the Chicago, Milwaukee, St. Paul & Pacific as president, he was vice president in charge of valuation, commerce matters, land and public relations department. In 1951 he was chairman of the Greater University Fund campaign, Delta Kappa Epsilon. Received Outstanding Achievement Award May 23, 1952.

Harold Schoelkopf

'18-20. Editor of the St. Cloud, Minn., *Daily Times*. Since 1923 Schoelkopf has been managing editor and editor of the *Daily Times* and has also been a member of the St. Cloud city council, civil service and charter commissions, local draft board and board of education. He has sponsored 4-H Club activity, aided development of dairying and butter making, instituted municipal civil service in St. Cloud and written the St. Cloud building code. While at the University he was active in student publications. Pi Kappa Alpha, Pi Delta Epsilon, Sigma Delta Chi. Received Outstanding Achievement Award May 25, 1951.



While at the University he was active in student publications. Pi Kappa Alpha, Pi Delta Epsilon, Sigma Delta Chi. Received Outstanding Achievement Award May 25, 1951.

Dean M. Schweickhard

'27MA. Minnesota State Commissioner of Education, St. Paul. A writer, lecturer, committee man and conference leader of broad and enthusiastic acceptance, he is a member of the advisory council for Scholastic Magazines and has been a member of the Federal Commission on Life Adjustment Education of Youth since 1949. He has always been active in professional organizations and has continuously provided professional articles in a variety of journals. Phi Delta Kappa. Received Outstanding Achievement Award May 24, 1951.



He has always been active in professional organizations and has continuously provided professional articles in a variety of journals. Phi Delta Kappa. Received Outstanding Achievement Award May 24, 1951.

Dr. Gordon Scott

'25MA '26PhD. Dean of the College of Medicine at Wayne State University, Detroit, Mich. A teaching fellow in anatomy at the University of Minnesota from 1923-26, from 1926-27 he was an assistant professor at Loyola University, Chicago. He also taught at Washington University Medical School and Southern California.

Made significant contributions concerning the histology of human growth changes, histo-chemistry spectography, aviation physiology, capillary circulation and in particular development of the electron microscope and electron microscopy. Gamma Alpha, Sigma Xi, Alpha Epsilon Delta. *Received Outstanding Achievement Award June 13, 1958.*

William R. Sears

'34BSAeroE. Director of the Graduate School of Aeronautical Engineering at Cornell University, Ithaca, N.Y. Dr.

Sears, who received his PhD at California Institute of Technology in 1938, was assistant professor there from 1939-41 and from 1941-46 was chief of aerodynamics for Northrup Aircraft, Inc. A member of the board of directors of Cornell Aeronautics

Laboratory, he has been a member of the Naval Research Advisory Committee since 1953. Author of *The Airplane and its Components*, 1941. *Received Outstanding Achievement Award Oct. 5, 1950.*

Glenn E. Seidel

'36BME. Vice President in charge of Engineering for Minneapolis Honeywell Regulator Co., Minneapolis. With Honeywell since 1943, he

previously was a football coach at Tulane University. A hockey and football player at the University, in 1935 he was captain of the football team. In 1956 he received his present appointment, assuming responsibility at the top-

management level for coordinating and directing research and engineering activities of the company. Past president of the MAA. Phi Delta Theta, Tau Beta Pi, Pi Tau Sigma, Omicron Delta Kappa. *Received Outstanding Achievement Award Feb. 27, 1958.*

George Selke

'16BA. Commissioner of Conservation State of Minnesota. Selke started his teaching career in South Dakota rural schools and from



1920-24 served as director of elementary and high schools for the Minnesota State Department of Education. Assistant professor and lecturer at the University from 1924-27, from 1927-46 he was president of St. Cloud Teachers College, St. Cloud, Minn. He was Chancellor of the University of Montana from 1946-51 and was in government education work following that. Phi Delta Kappa and Kappa Delta Pi. *Received Outstanding Achievement Award March 28, 1956.*

Conrad G. Selvig

'07BA '08MA. Congressman from 1927-33 and for 17 years Superintendent of the Crookston School of Agriculture and Northwest Experiment Station of the University of Minnesota. Deceased Aug. 2, 1953. He served on state agricultural and conservation committees and was a strong supporter of farm clubs. He campaigned for adequate flood control, fought for and obtained state aid for courses in industrial arts, home economics and agriculture in Minnesota high schools. During his three terms as U.S. representative he championed the farmers and was made president of the Minnesota Export Commission. *Received Outstanding Achievement Award May 8, 1953.*

(Arnold) Eric Severeid

'35BA. Columbia Broadcasting System Washington Bureau Correspondent, Washington, D.C. Severeid started as a



copy boy with the *Minneapolis Journal* in 1931, becoming a reporter in 1936. From 1938-39 he was reporter and later city editor of the Paris edition of the *New York Herald-Tribune* and in 1939 became the European correspondent for CBS. During the war he was with the French Army and Air Force in France and Belgium and broadcast the French capitulation from Tours and Bordeaux. Winner of the Peabody Award for reporting news in 1950. Author of two books and magazine contributor. Sigma Delta Chi. *Received Outstanding Achievement Award Feb. 4, 1955*

Dr. Morse J. Shapiro

'15BS '17MD. Chief of Pediatric Cardiology at Cedars of Lebanon Hospital in Los Angeles, Calif. A member of the



University faculty from 1930-51 and former consultant in cardiology to the Minneapolis Board of Education. Dr. Shapiro established and directed a clinic for children who were victims of rheumatic fever which give initial impetus to a project which culminated in the building of the Variety Club Heart Hospital. Member of a recent Medical Mission to Israel. *Received Outstanding Achievement Award June 10, 1955.*

Paul F. Sharp

'20MS '22PhD. Director of the California Agricultural Experiment Station at the University of California since 1949.



During World War I he was with the Army Medical Corps and Chemical Warfare Service. He then returned to the University as an instructor in agricultural biochemistry until 1922 when he joined the Montana Agricultural Experiment Station. From 1925-42 he was professor of dairy chemistry at Cornell and since 1942 has been director of research, Gold State Co., Ltd., San Francisco. Phi Lambda Upsilon, Gamma Alpha, Sigma Xi, Gamma Sigma Delta, Phi Kappa Phi. *Received Outstanding Achievement Award May 25, 1951.*

George M. Shepard

'09CE. St. Paul City Engineer since 1932. His outstanding contribution has been in raising the standards of the engineering profession,



particularly through registration and his active participation in numerous engineering societies. As chief engineer he has had supervision of the design and construction of extensive municipal improvements. In 1942 he was a consultant to the Federal Works Agency on war public works. In 1949 Shepard Road in St. Paul was named in his honor. Author of many articles in professional technical magazines. Sigma Xi, Tau Beta Pi, Theta Tau. *Received Outstanding Achievement Award Oct. 5, 1950.*

Dr. William P. Shepard

'20BS '21MB '22MD '24MA. Second Vice President of Health and Welfare for the Metropolitan Life Insurance Co.,

New York. Associate editor of the *Journal of Industrial Medicine and Surgery*. Dr. Shepard is the contributor of numerous articles to professional journals and the author of two books. Active in professional medical societies, he has held office in a number

of them including president of the American Public Health Association, National Tuberculosis Association, San Francisco Social Hygiene Association and many others. Sigma Alpha Epsilon, Nu Sigma Nu, Alpha Omega Alpha, Delta Omega, Sigma Xi. *Received Outstanding Achievement Award Oct. 8, 1951.*



Merwin H. Silverthorn

'14-17. U.S. Marine Corps Major General, Retired. At the time of his retirement he was commanding general of the

Marine Corps recruit depot at Parris Island, S.C. Now living in Washington, D.C. He enlisted in the Marines in April, 1917, was commissioned second lieutenant in 1918 and rose through the grades to major general in April, 1949. Holder

of the Navy Cross, D.S.C., D.S.M., Silver Star with Oakleaf Cluster, Legion of Merit, Purple Heart, Commendation Letter and Ribbon, Presidential Unit Citation, Croix with Silver Star and French Fourragere. *Received Outstanding Achievement Award May 25, 1956.*



Dr. Edwin Simons

'22BS '23MB '24MD. Medical Director of the Minnesota Medical Service Inc. (Blue Shield.) Deceased. Following internship in Minneapolis and St. Paul, Dr. Simons served as a general practitioner at Long Prairie and Swanville, Minn. In 1932 he was recognized by the Minnesota Society of Internal Medicine for his monograph, *Primary Carcinoma of the Lung*, prepared while in general practice. From 1935-36 he was senior physician at the State Sanatorium at Ah-Gwaha-Ching. Active in professional medical groups, he was past president of the State Medical Association. Member of the organizing committee and the first board of trustees of the Minnesota Foundation. *Received Outstanding Achievement Award June 8, 1956.*

FEBRUARY, 1960

George Baxter Smith

'29BS '30MA. Dean of the University of Kansas, Manhattan, Kans. Started his teaching career as a high school teacher

of mathematics in 1929 and in 1941 was named Dean of the School of Education, University of Kansas. Member of the National Education Association, Kansas State Education Association, National Association of Secondary School Principals and the

American Association of School Administrators, he was president of the American Association of Deans and Directors of Summer Sessions in 1957. The author of several books and articles, he is a member of Phi Delta Kappa and Kappa Delta Pi. *Received Outstanding Achievement Award May 15, 1958.*



Homer J. Smith

'22MA '26PhD. Professor Emeritus of Industrial Education and former head of the department at the University of Minnesota. He

joined the University faculty in 1919 and served until his retirement in 1954. In 1945 he was the recipient of the American Vocational Association Ship Citation for "distinguished leadership

in industrial education" and he has been recognized nationally as the foremost leader in his field. He is the author or co-author of several books related to the field and consultant and committee member of many organizations. *Received Outstanding Achievement Award March 28, 1956.*



T. Lynn Smith

'29MA '32PhD. Professor of Sociology at the University of Florida, Gainesville, Fla. Dr. Smith began his teaching career

in 1931 at Louisiana State University and since has taught at Vanderbilt and the University of Brazil in addition to Florida. From 1942-43 he was senior agricultural analyst for the State Department in Brazil and in 1944 and 1945 was advisor on col-

onization and settlement in Columbia. He is a specialist in rural sociology, population analysis, Latin American institutions and populations. Omicron Delta Kappa, Phi Kappa Phi. *Received Outstanding Achievement Award May 6, 1959.*



Dr. Albert M. Snell

'16BS '18MB '18MD '27MS. Senior Internist at the Palo Alto Clinic, Palo Alto, Calif. Internationally acclaimed for

his research in gastroenterology, Dr. Snell is the author of two books and about 180 articles on medical subjects. He has been clinical professor of medicine at the University of California since 1950. Since 1946 he has been a member of the Pro-

fessional Services Division and section chief of the Veterans Administration. From 1929-50 he was professor of medicine at the Mayo Foundation Graduate School. Sigma Xi, Alpha Omega Alpha, Alpha Kappa Kappa. *Received Outstanding Achievement Award Oct. 8, 1951.*



Charles L. Sommers

'90BL. Retired Secretary-Treasurer and Director of G. Sommers & Co., St. Paul. He joined the company as clerk

in 1890 and served as secretary-treasurer and director from 1895-1942. From 1942-45 he was liquidating trustee, at which time he retired. From 1910-23 he was a Regent of the University and from 1947-53 a director of the MAA.

He was a member of the Greater University Council and the building commissions of Memorial Stadium and Northrop Auditorium. In 1949 he was named one of "100 Living Greats" of Minnesota. Beta Theta Pi, Phi Beta Kappa. *Received Outstanding Achievement Award May 24, 1951.*



Leonard B. Sperry

'05ME '08EE. Retired Manager of Engineering for the Farm Tractor Division of International Harvester Co., Chicago. Deceased. He started with International Harvester in 1908 as head of the engineering design department. In 1944 he was appointed manager of engineering. He was known as one of the best designers of tractors in this country. He was responsible for the development of the diesel engine now used in the company's tractors and visited Europe on several occasions to assist in the establishment of tractor manufacturing works. *Received Outstanding Achievement Award Oct. 5, 1950.*

Walter A. Spivak

'33BAE. Chief Project Engineer of North American Aviation, Inc., Los Angeles, Calif. Spivak, as project engineer,



was instrumental in the development and design of the first United States jet bomber, the B-45 Tornado. He has established a reputation for his ability to organize engineering design functions in such a way that his firm can maintain on-time

schedules in accordance with commitments to the military forces. He is a major contributor to the development of subsonic and supersonic fighters and bombers. He joined North American in 1936. *Received Outstanding Achievement Award Oct. 15, 1954.*

Dr. John Paul Stapp

'43MB '44MD. Chief of the Aero Medical Field Laboratory at Holloman Air Force Base, Col. Stapp carried out



studies on the effects of acceleration and deceleration, serving as the subject of a number of such studies. His particular contribution has been to call to the attention of the public, and particularly of the Armed Forces, the great need for basic

research in this area. Largely as a result of his personal efforts, the Air Force research program today is greatly improved over that of a few years ago. In 1957 he received the Gorgas Medal. *Received Outstanding Achievement Award June 13, 1958.*

Harold E. Stassen

'29BA. Governor of Minnesota from 1939-45 now practicing law in Philadelphia. Following



graduation from St. Paul College of Law, Stassen served as a county attorney in Minnesota from 1930-38. From 1943-45 he served in the Navy and from 1948-53 was president of the University of Pennsylvania. He has served in several government posts, the most

recent being special assistant to the President with cabinet rank to direct the studies of U.S. and world disarmament, including control of nuclear weapons. Sigma Alpha Epsilon, Delta Sigma Rho, Gamma Eta Gamma. *Received Outstanding Achievement Award May 19, 1950.*

William H. Stead

'26PhD. Director of Business-Education, Committee for Economic Development, New York. Deceased. Formerly Vice President and Director of Research for the Federal Reserve Bank of St. Louis. He was the author and co-author of several books and pamphlets on employment and occupations and was a governmental adviser. He was economic adviser to the Secretary of the Interior from 1950-51 and official U.S. observer at the 1933 International Labor Conference, Geneva. Phi Beta Kappa, Alpha Kappa Psi, Delta Sigma Rho, Beta Gamma Sigma, Omicron Delta Kappa. *Received Outstanding Achievement Award May 25, 1951.*

Homer J. Stewart

'36BAE. Director of the Office of Program Planning and Evaluation for the National Aeronautics and Space Administration. On leave from the California Institute of Technology where he is a professor of aeronautics. Presently responsible for the planning of national programs in space technology and exploration both for the immediate and long-range future. A



faculty member at CalTech since 1936, he was one of the organizers of what later became the Jet Propulsion Laboratory. He has been a consultant to both private firms and government agencies. Sigma Xi. *Received Outstanding Achievement Award Oct. 15, 1954.*

Frank H. Stodola

'28BChE '33PhD. In charge of the Chemistry of Fermentation Products Unit of the Agricultural Research Service for



the U.S. Department of Agriculture, Peoria, Ill. Dr. Stodola is famed for his studies on penicillin, cinnamycin and other antibiotics. By his preparation of the first crystalline derivative of the ordinary penicillin G he made a significant contribution to determination of the structure of this antibiotic. In 1957 he received the Distinguished Service Award of the Department of Agriculture. He studied at the Mayo Clinic. *Received Outstanding Achievement Award Oct. 4, 1957.*

William B. Stout

'03-05. Director of Stout Research Division, Vultee Aircraft Corp., Dearborn, Mich. Deceased. Though most widely



known as a designer and builder of planes and aviation motors, in his later life he also was an outstanding figure in motor car and railroad passenger car designing. A figure in the development of the famous Liberty engine of World War I, as technical

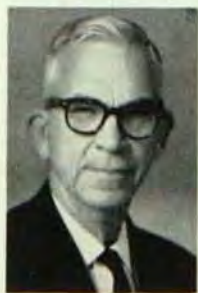
adviser for the Aircraft Board in Washington, D.C., he built the first internally braced cantilever airplane in America. Past president of the Society of Automotive Engineers and the Institute of Aeronautical Sciences. *Received Outstanding Achievement Award June 10, 1949.*

Dr. Lewis R. Stowe

'16DDS. Professor of Dentistry at the School of Dental and Oral Surgery, Columbia University. Deceased. Most significant contribution was in the field of dentistry for children. Widely known in the field of medical pediatrics as an authority on the oral manifestations of childhood diseases. Also active in developing the field of oral diagnosis, particularly as it pertains to medical relationships. Instrumental at Columbia in developing a department of teaching in dentistry for children. Sigma Xi, Omicron Kappa Upsilon. *Received Outstanding Achievement Award Feb. 17, 1951.*

August L. Strand

'25MS '28PhD. President of Oregon State College, Corvallis, Ore. Prior to his appointment in 1942, he had served as



president of Montana State College from 1937-42. From 1924-28 he was a research assistant at the University of Minnesota and from 1928-31 was assistant professor of entomology. From 1931-37 he was professor and head of the department of entomology at Montana. In 1950 he was a member of the U.S. Economic Survey Mission to the Philippines. Sigma Xi, Sigma Alpha Epsilon. *Received Outstanding Achievement Award May 25, 1951.*

Dr. George F. Strong

'21MD. Outstanding internist in Western Canada. Deceased. Served as vice president and regent of the American College of Physicians and was elected president of the Canadian Medical Association. A resident of Vancouver, he was instrumental in the development of the medical school of the University of British Columbia, lending his influence and support to the building of the fine school. His medical career was one of the highest type of professional service to his patients and of real leadership to the profession. *Received Outstanding Achievement Award June 10, 1955.*

Betty J. Sullivan

'22BSChem '35PhD. Vice President and Director of Research for the Russell-Miller Milling Co., Minneapolis. Noted for her outstanding work in oxidizing and reducing agents in flour, her talents as an administrator and a tireless researcher. In 1948 she received the Thomas Burr Osborne Medal from the American Association of Cereal Chemists. She was president of the association in 1944. She joined the Russell-Miller Co. in 1922 as an assistant chemist and in 1927 was appointed chief chemist. She assumed her present position in 1947. Sigma Xi. *Received Outstanding Achievement Award Jan. 14, 1953.*



Leif J. Sverdrup

'21BSCE. President of Sverdrup and Parcel Engineering Co., St. Louis, Mo. One of this country's outstanding construction engineers, Maj. Gen. Sverdrup is the winner of countless honors and awards, the most recent being the J. Lloyd Kimbrough Medal of the American Institute of Steel Construction, Inc. His business career is matched by his military career in two wars. He was a consultant for the U.S. Corps of Engineers and various state highway and public works departments. St. Louis "Man of the Year" in 1956 and 1952 recipient of the University of Missouri Honor Award. *Received Outstanding Achievement Award Oct. 5, 1950.*



Neil H. Swanson

'13-15. Former Executive Editor of *The Baltimore Sun*, *The Evening Sun* and *The Sunday Sun*. Swanson, who became executive editor in 1951, resigned his position in 1954 to devote his time to writing, historical research and speaking. At age 35 he was called from the managing editorship of the *Pittsburgh Press* to become assistant managing editor of the Sunpapers. Author of many novels, biographies, historical narratives and a play, he was director of the news enterprise which brought the *Sun* the Pulitzer Prize in 1946. *Received Outstanding Achievement Award April 19, 1959.*



'24MS. Assistant Director of the Agriculture and Home Economics Experiment Station at Iowa State College. Deceased Nov. 30, 1959. She was the first woman to hold such a position in this country. She had been a member of the faculty at Carleton College, Montana State College and Iowa State College since 1930. She was associate editor of the *Journal of Nutrition* from 1949-53, wrote the chapter on proteins for the *Annual Review of Biochemistry* in 1950. Phi Beta Kappa, Sigma Xi. *Received Outstanding Achievement Award May 25, 1951.*



Walter H. Swanson

'18BS(For). Vice President in charge of Research and Development for Kimberly-Clark Corp., Neenah, Wisc. He has been with Kimberly-Clark since 1933 and a leader in developing new pulp processing techniques. Before joining the company he was with U.S. Forest Products Laboratory and Champion Fibre Co., Canton, N.C. In 1958 he received an award from the Technical Association of the Pulp and Paper Industry for outstanding contributions to industrial development. He is author or co-author of about 30 U.S. and Canadian patents in pulp and paper, chemical and engineering field. *Received Outstanding Achievement Award July 31, 1959.*



Lloyd E. Swearingen

'26PhD. Vice President for Research and Development of the University of Oklahoma, Norman, Okla. In addition, he is director of the Research Institute and professor of chemistry. Author of 18 research publications and has made numerous public lectures and radio addresses. In addition, he is a member and office holder in many professional organizations and has been president of the Oklahoma Section of the American Chemical Society, Phi Beta Kappa, Sigma Xi, Alpha Chi Sigma, Phi Lambda Upsilon, Gamma Alpha, Phi Delta Chi, Alpha Epsilon Delta. *Received Outstanding Achievement Award Sept. 14, 1955.*



'13BA. Chairman of the Board of Minneapolis Honeywell Regulator Co. Makes his home in Florida. Sweatt served with Honeywell as vice president and general manager and president from 1934-43, when he became chairman of the board. Considered one of the outstanding industrialists in the country, he guided the expansion of his organization with remarkable success. Under his leadership the firm attained an international reputation for both production and service excellence. He also is director of several other major business organizations. *Received Outstanding Achievement Award May 23, 1952.*



Harold W. Sweatt

'31BS '38MA '41PhD. Professor and Chairman of the Department of Elementary Education in the College of Education, University of Alabama. Dr. Swenson has become known for her imaginative research on learning problems, her superb classroom teaching and her outstanding leadership in improving elementary education. She has taken an active part in the work of the National Society for the Study of Education and other important professional organizations. She has published many books and reports. Pi Lambda Theta, Delta Kappa Gamma, Kappa Delta Pi. *Received Outstanding Achievement Award March 28, 1956.*



Esther J. Swenson

FEBRUARY, 1960

Sidney A. Swensrud

'23BSB. President and Director of Gulf Oil Corp. and Subsidiary Companies since 1947. Since 1953 he also has been chairman of the board of Gulf Oil Corp. Swensrud became assistant to the president of Standard Oil Co. of Ohio in 1928, vice president in 1939, director in 1940 and served as executive vice president from 1946-47. He is deputy chairman of the Federal Reserve Bank of Cleveland and a director of Crucible Steel Co., Pittsburgh Symphony Society and American Petroleum Institute. *Received Outstanding Achievement Award May 25, 1951.*



Conrad F. Tauber

'27BA '29MA '31PhD. Assistant Director of the Bureau of Census of the U.S. Department of Commerce, Washington, D.C. Dr. Tauber has held his present post since 1951. Prior to his appointment with the Bureau of Census, he was statistician for the Food and Agriculture Organization of the United Nations and had formerly been head agricultural economist with the Bureau of Agricultural Economics. In addition to his studies in the field of population analysis and migration, he advised the chief of the bureau on the technical aspects of research projects. *Received Outstanding Achievement Award April 19, 1959.*



Marvin R. Thompson

'26PhM. Chairman of the Board, Director of Research and General Manager of Marvin R. Thompson, Inc., Stamford, Conn. Also head of Paul Thompson Associates and Dorothy Buchanan Perfumes and Cosmetics. Dr. Thompson, who received his PhD from Johns Hopkins and an honorary PhM from the Philadelphia College of Pharmacy and Science, began his career in 1927 as a pharmacologist with the U.S. Food and Drug Administration. Dr. Thompson is a regular contributor to professional journals. Sigma Xi, Rho Chi, Phi Delta Chi. *Received Outstanding Achievement Award Oct. 18, 1951.*



Dr. Edward Leo Tuohy

'02BA '05MD. Chief of Medicine at the Duluth Clinic, Duluth, Minn. Dr. Tuohy began his medical career in 1905 as a bacteriologist in a Duluth hospital and has been chief of medicine at the clinic since 1914. A crusader for study and research in geriatrics, Dr. Tuohy is the author of a series of articles and publications dealing with the problems of age and one of the contributing editors to the *Journal of Geriatrics*. He is a member and past officer of several state and local medical societies including president of the State Medical Society. Nu Sigma Nu. *Received Outstanding Achievement Award Oct. 8, 1951.*



George L. Tuve

'20BS '21MA. Professor and Head of the Department of Mechanical Engineering at Case Institute of Technology, Cleveland, Ohio. He began his teaching career at the University of Minnesota as instructor and assistant professor from 1921-26 and from 1926-30 was head of the department of mechanical engineering at Texas Technological College. He became associate professor at Case in 1930, professor in 1934 and head of the department in 1945. He also is a consulting engineer on air conditioning, heat transfer and instrumentation. Tau Beta Pi, Sigma Xi. *Received Outstanding Achievement Award Dec. 3, 1959.*



Merle A. Tuve

'22BSEE '23MA. Director of the Department of Terrestrial Magnetism at the Carnegie Institute of Technology, Washington, D.C. From 1940-46 Dr. Tuve worked on the proximity fuze for the U.S. government. He is a contributor to *Physical Review* and other scientific journals on nuclear physics, geophysics and biophysics and since 1949 has been editor of the *Journal of Geophysical Research*. Holder of the Presidential Medal of Merit, Research Corporation Award, Order of the British Empire, John Scott Award and others. Tau Beta Pi, Sigma Xi, Gamma Alpha, Phi Beta Kappa. *Received Outstanding Achievement Award Oct. 5, 1950.*



Arnulf Ueland

'17BA. President of Midland National Bank of Minneapolis. Ueland joined Midland in 1919 as a clerk and advanced to assistant cashier and credit manager in 1926, credit manager and assistant cashier in 1927, vice president in 1930, vice president and director in 1932 to his present position as president and director in 1942. He is a leader in local and national civic and health and welfare organizations and a member and past treasurer of the MAA. A member of several banking organizations, from 1956-59 he was director of the Association of Reserve City Bankers. Alpha Delta Phi. *Received Outstanding Achievement Award May 23, 1952.*



James G. Umstatt

'30PhD. Professor of Secondary Education and Chairman of the Department of Curriculum and Instruction for the University of Texas. Dr. Umstatt was for a number of years head of the teachers' placement bureau at the University, during which time he worked constantly to improve the relations between the University and the schools of the state. During his years at Texas he has headed one of the major curriculum studies of the nation. His writings include five books and many articles in local, state and national educational journals. Phi Delta Kappa. *Received Outstanding Achievement Award March 31, 1953.*



Dr. C. J. Van Slyke

'27BS '27MB '28MD. Director of the National Institute of Health, Bethesda, Md. Dr. Van Slyke has been the director of the National Heart Institute (a division of the U.S. Public Health Service) since 1948. Preceding that he served as chief of the division of research grants and fellowships, National Institute of Health, 1946-48, and as assistant chief of the division of venereal diseases, 1944-45. Between 1936-44 he was associate director of U.S.P.H.'s venereal disease research laboratory. Phi Beta Pi, Phi Lambda Upsilon. *Received Outstanding Achievement Award Sept. 22, 1952.*



Jack L. Van Volkenburg

'23-'29. President of Pacific Ocean Park, Inc., Santa Monica, Calif. Van Volkenburg was president of television at the



Columbia Broadcasting system for eight years and one of the leaders in developing a distinctive personality for television entertainment. In 1928 he joined Batten, Barton, Durstine & Osborne, Inc. and in 1932 went to CBS. In 1951 he became vice

president and director and president of CBS-TV. In addition to having helped guide the growth of radio, he pioneered in the development and production of color television. Phi Kappa Sigma. Received Outstanding Achievement Award Feb. 28, 1957.

Frederick T. Wall

'33BChem '37PhD. Dean of the Graduate School and Head of the Division of Physical Chemistry at the University of Illinois, Urbana, Ill. Dr. Wall began



his teaching career at the University of Illinois in 1937 as an instructor of chemistry, became associate in 1939, assistant professor in 1941, associate professor in 1943 and professor of chemistry in 1946. He became head of the division in 1953 and dean of the graduate school in 1955. Sigma Xi, Phi Kappa Phi, Alpha Chi Sigma, Phi Lambda Upsilon. Received Outstanding Achievement Award June 11, 1959.

Received Outstanding Achievement Award June 11, 1959.

Thomas F. Wallace

'93BA '95LLB. Retired President and Chairman of the Board of Farmers & Mechanics Bank, Minneapolis. Deceased



Nov. 30, 1959. He joined Farmers & Mechanics Savings Bank in 1918, served as treasurer until 1928, then as president until 1939, and as board chairman until his retirement in January, 1952. He remained on the board of trustees until 1955. Active in

University affairs, he was president of the Greater University Corp. during its campaign to build Northrop Auditorium and the stadium and treasurer of the General Alumni Association from 1921-40. Phi Beta Kappa, Phi Delta Phi, Chi Psi. Received Outstanding Achievement Award May 25, 1951.

Coy W. Waller

'42PhD. Director of the Division of Chemical Research for Mead Johnson Laboratories, Evansville, Ind. While a



graduate student at the University of Minnesota Dr. Waller developed a new antioxidant for edible fats known as NDGA and while at Lederle Laboratories, Research Division American Cyanamid Co. where he was employed from 1944-57, he

synthesized folic acid and related compounds and determined the structure of aureomycin, puromycin, netropsin and several other antibiotics. Holder of about 20 patents, he has 49 publications. Sigma Xi, Rho Chi. Received Outstanding Achievement Award May 27, 1959.

Dr. James M. Walls

'94DMD. Retired Chairman of the Division of Operative Dentistry at the University School of Dentistry. Deceased in 1954. He began his teaching experience as a student instructor during his senior year and became assistant instructor in 1894. In 1901 he was made instructor in charge of operative dentistry technique and served the University until his retirement in 1939. His ability as a leader was recognized early in his professional career when he was made president of the State Dental Association in 1904. Received Outstanding Achievement Award Feb. 17, 1951.

Levon West (Ivan Dmitri)

'20-'24. Etcher and pioneer in color film photography. He launched natural color at a professional level with the



help of the *Saturday Evening Post*. He also has collaborated with Kodak to produce photographic achievements. His pictures have appeared in *Fortune*, *Vogue*, *House and Garden* and others are hung in the Philadelphia Museum of Art, Boston Museum

of Fine Arts, Metropolitan Museum in York and the Congressional Library. Author of several books on photography and etching. Kappa Sigma, Delta Phi Delta. Received Outstanding Achievement Award Feb. 26, 1959.

Walter H. Wheeler

'06EM. Consulting Engineer, Minneapolis. He has attained a nationwide and international reputation as a structural



engineer and is the inventor of "Smooth Ceilings" System of flat slab construction. He was engineer for the Ft. Snelling Mendota bridge and large structures throughout the country. The member of many professional organizations of a local,

state and national level, he is registered in Minnesota as civil, mining, mechanical engineer and architect and is registered as a professional, civil or structural engineer in various states including New York and California. Alpha Delta Phi, Theta Tau. Received Outstanding Achievement Award May 23, 1952.

Dr. William W. Will

'05MD. Medical practitioner in the Medical Center at Bertha, Minn., for more than 50 years. In 1948 he was honored by the Minnesota Medical Association as the outstanding general practitioner in the state. An officer in the state medical society for many years, in 1946 he was honored at a community celebration in Bertha and presented with a gift of money for a trip to Scotland. He has been a builder of good health and good things in Bertha and the adjacent territory, a leader in county, state and regional medical circles and an exemplar to students and fellow practitioners. Received Outstanding Achievement Award June 11, 1948.

Archie D. Wilson

'05BSAg. Land Use Specialist at the University of Minnesota from 1939-45. Deceased in October, 1952. Wilson began his career at the University of Minnesota as an assistant in agriculture from 1905-07 when he left to become superintendent of the Farmers Institute. He returned in 1909 as director of the Agricultural Extension service, a post in which he served until 1921. From 1922-25 he was a University Regent. A pioneer in extension work, in 1945 he was awarded the National Epsilon Sigma Pi Certificate of Recognition for outstanding contributions to Minnesota agriculture. Received Outstanding Achievement Award May 25, 1951.

Halsey W. Wilson

'90-91A '91-92E. Founder and Chairman of the Board of the H. W. Wilson Co., New York, publishers of major indexing and reference services. Deceased March 1, 1954. Internationally renowned as a bibliographer, he began his career at the University of Minnesota in 1889 when he and a fellow student formed a partnership to deal in student textbooks and supplies. He served as president of the firm from its founding until 1952. Received *Outstanding Achievement Award June 11, 1948.*



Dr. Henry W. Woltman

'11BS '13MD '17PhD. Retired Professor Emeritus of Neurology at the Mayo Clinic, Rochester, Minn. From the time of his first paper on tremors, reflexes and muscular spasms published in 1917, until his retirement, he concentrated his attention on neurology and was recognized early as an international authority in the field. He was especially known for his studies in polyneuritis. He was appointed to the staff of the Mayo Clinic in 1919 after teaching at the Medical School and Mayo Foundation Graduate School. Sigma Xi, Alpha Kappa Kappa and many professional organizations. Received *Outstanding Achievement Award Sept. 30, 1957.*



Jee Lum Wong

'22DDS. Dean of the Department of Dentistry of the National Defense Medical Center in Taipei, Taiwan, China. He is a major general in the Chinese Nationalist Army on the staff of the surgeon general of the army. Dr. Wong did his undergraduate study at the College of St. Thomas in St. Paul. While attending the University he was an excellent student. He was in the United States last year on a Chinese Medical Board Fellowship in connection with conferences held by the State Department and the American Bureau for Medical Aid to China. Received *Outstanding Achievement Award Oct. 23, 1959.*



Harold E. Wood

'18BA. President of Harold E. Wood & Co., St. Paul, Investment Securities President of his own firm since 1932.



from 1931-32 he had served as president of A. E. Peire & Co. and from 1929-31, vice president of the Foreman-State Corp. President of the Minneapolis-St. Paul Stock Exchange in 1929 and the Twin City Bond Club in 1923, from 1932-37 he was commissioner of the St. Paul Port Authority. Also active in civic affairs, he has served as president of the St. Paul Association of Commerce and many other groups. Alpha Delta Phi. Received *Outstanding Achievement Award Nov. 19, 1959.*

Mildred W. Wood

'17BS(HE) '21MS. Retired Supervisor of Home Economics Education at Phoenix Union High School, Phoenix, Ariz.



She taught at Northern Illinois State College from 1913-15 and the University of Minnesota where she was chief of the Division of Home Economics. She taught in summer sessions at the Universities of Chicago, Missouri, Syracuse, Hawaii, Wyoming and Washington. Mrs. Wood also served as a leader for state home economics education conferences in several states. Retired in 1957 but currently teaching adult classes and writing a bulletin. Sigma Xi. Received *Outstanding Achievement Award May 25, 1951.*

Mrs. Louise Leonard Wright

'18BA '20MA. Civic Leader and Midwest Director of the Institute for International Education since 1951. Mrs. Wright, who lives in Chicago, has been active in municipal, national and international organizations. She has held important positions and assignments in the League of Women Voters, Chicago Council on Foreign Relations, UNESCO, the Woodrow Wilson Foundation and the Institute of Pacific Relations. An assistant in history at the University of Minnesota from 1918-20, she is the author of several books on international peace. Phi Beta Kappa, Alpha Phi. Received *Outstanding Achievement Award April 19, 1951.*

Malcolm G. Wyer

'99BA '01ML. Librarian Emeritus of the Denver Public Library, Denver, Colo. Librarian at the Denver Library



for more than 25 years. Wyer retired in 1950. He has received the highest honors in the profession and in 1936 served as president of the American Library Association. He secured funds from the Carnegie Corporation for the establishment of a library school at the University of Denver and served as its first dean from 1931-48. In 1935 he established a bibliographical center for research. Received honorary LLD from the University of Denver. Received *Outstanding Achievement Award May 24, 1951.*

Charlotte M. Young

'35BS. Professor of Medical Nutrition at Cornell University since 1952. A triple appointment including the school



of nutrition, department of clinical and preventive medicine and the college of home economics. Her position involves research, direction of graduate studies, graduate teaching and nutrition consultant to the Cornell Student Medical Clinic. A member of the American Dietetic Association, American Home Economics Association, American Public Health Association and the American Board of Nutrition as a specialist in human nutrition. Sigma Xi, Phi Kappa Phi, Sigma Delta Epsilon, Iota Sigma Pi, Omicron Nu. Received *Outstanding Achievement Award May 9, 1959.*

Henry C. Yutzy

'32BChem '36PhD. Associate Director of Eastman Kodak Co., Rochester, N.Y. Dr. Yutzy joined Eastman's analytical department of the chemical division in 1936 and in 1938



was transferred to the emulsion research division where he developed new techniques for their manufacture. He made definite contributions in the work on materials for use in color photography and has produced a large number of inventions, including the Verifax process for copying documents. Received *Outstanding Achievement Award Sept. 14, 1955.*

Edwin Ziegfield

'46PhD. Professor of Fine Arts at Teachers College, Columbia University, New York. Dr. Ziegfield carried forward



in the high school and community of Owatonna, Minn., the principles of art in relation to everyday life which found practical exemplification in his classroom in the Owatonna Art Project. He helped with the establishment of the National Art Edu-

cation Association and became its first president and served as U.S. delegate to the UNESCO seminar in Paris and England. Delta Phi Delta, Phi Delta Kappa. Received Outstanding Achievement Award March 28, 1956.

Edgar F. Zelle

'13BA. Chairman of the Board of Jefferson Transportation Co., Minneapolis, and president of the Wisconsin Central Railroad, Minneapolis. From 1926-29 he



served as president of the General Alumni Association after serving as treasurer from 1918-20. Zelle began his career as secretary of the Wilcox Motor Co. and in 1915 became president of the Motor Truck Service Co. In 1925 he purchased Jefferson Transportation,

becoming its president. He is officer and director of several other firms. Alpha Delta Phi, Phi Delta Phi, Delta Sigma Rho, Phi Beta Kappa. Received Outstanding Achievement Award May 25, 1951..



Donald W. Douglas, Jr., President of Douglas, discusses the ground installation requirements for a series of THOR-boosted space probes with Alfred J. Carah, Chief Design Engineer

The Real Mac Guf

by Robert Provost

Director, Greater University Fund

"That which stands out through praiseworthy exertion"—is the Webster definition of outstanding achievement. "To give by judicial determination" is to "award", and this coupled with the initial phrase explains the Outstanding Achievement Awarding process used by the University of Minnesota.

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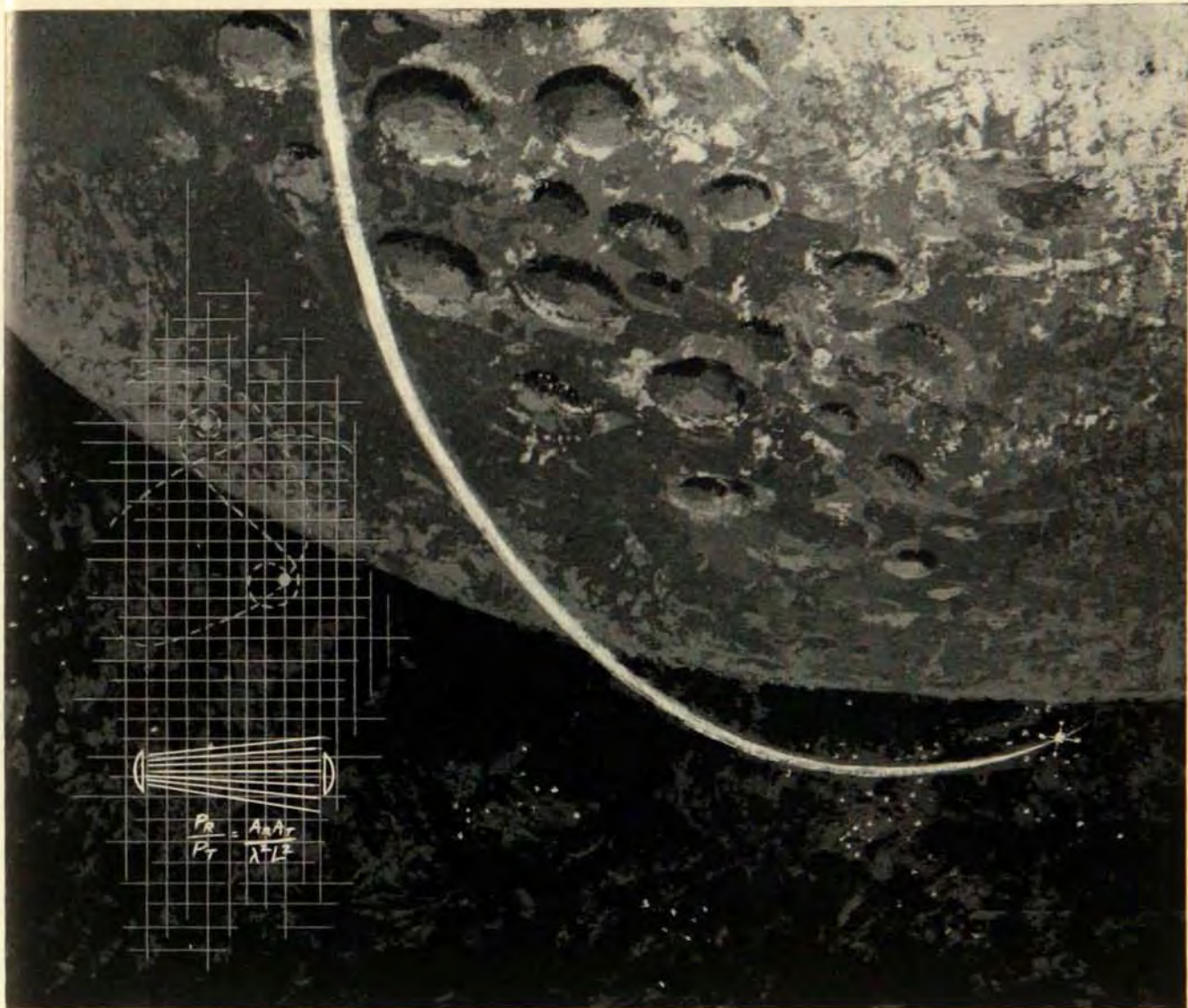
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Miles W. McNally, '44, Minneapolis
 Robert E. Lambert, '49, Boston
 Donald W. Schneider, '49, Minneapolis
 Seward F. Philpot, Jr., '50, Evanston
 Sigurd R. Stangeland, '50, Moorhead
 Raymond Riss, '54, Home Office

Chester D. MacArthur, Minneapolis
 Richard C. Heverly, St. Paul
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Reaching into a lost world

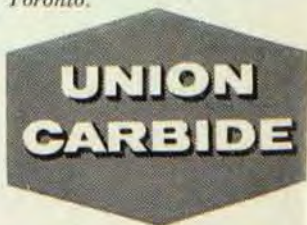
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Bill McDonald, New England Life (left) with Nicholas Camblin, President, Camblin Steel Service, Inc., Sacramento, Calif.
 Bill discusses contract with Camblin attorney George Paras. The company owners, Mr. & Mrs. Camblin, are enthusiastic about their corporation coverage, and will continue to use Bill's services to meet the needs of their expanding business interests.



Bill McDonald delivers a policy for \$250,000 after only 8 months of selling life insurance

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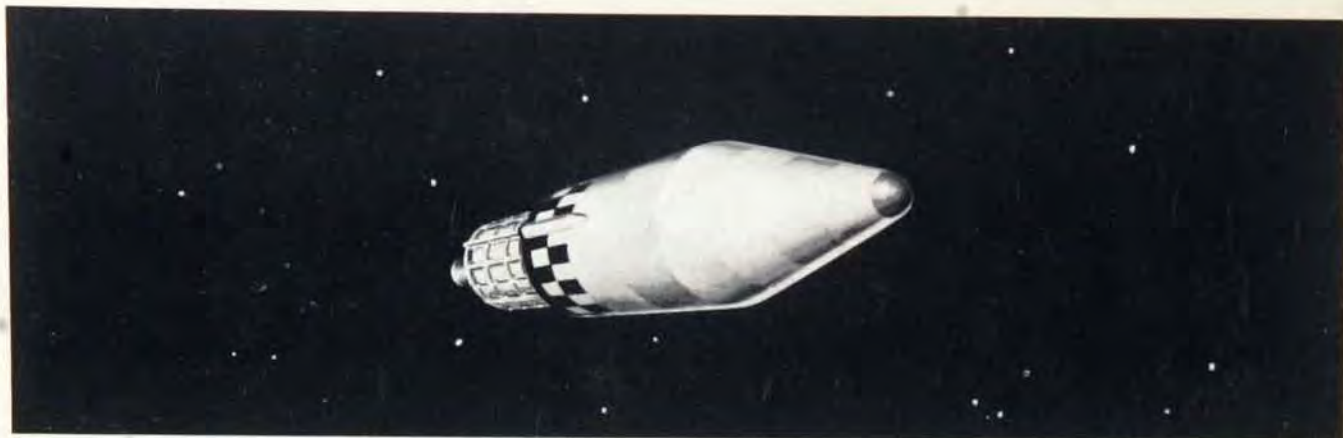
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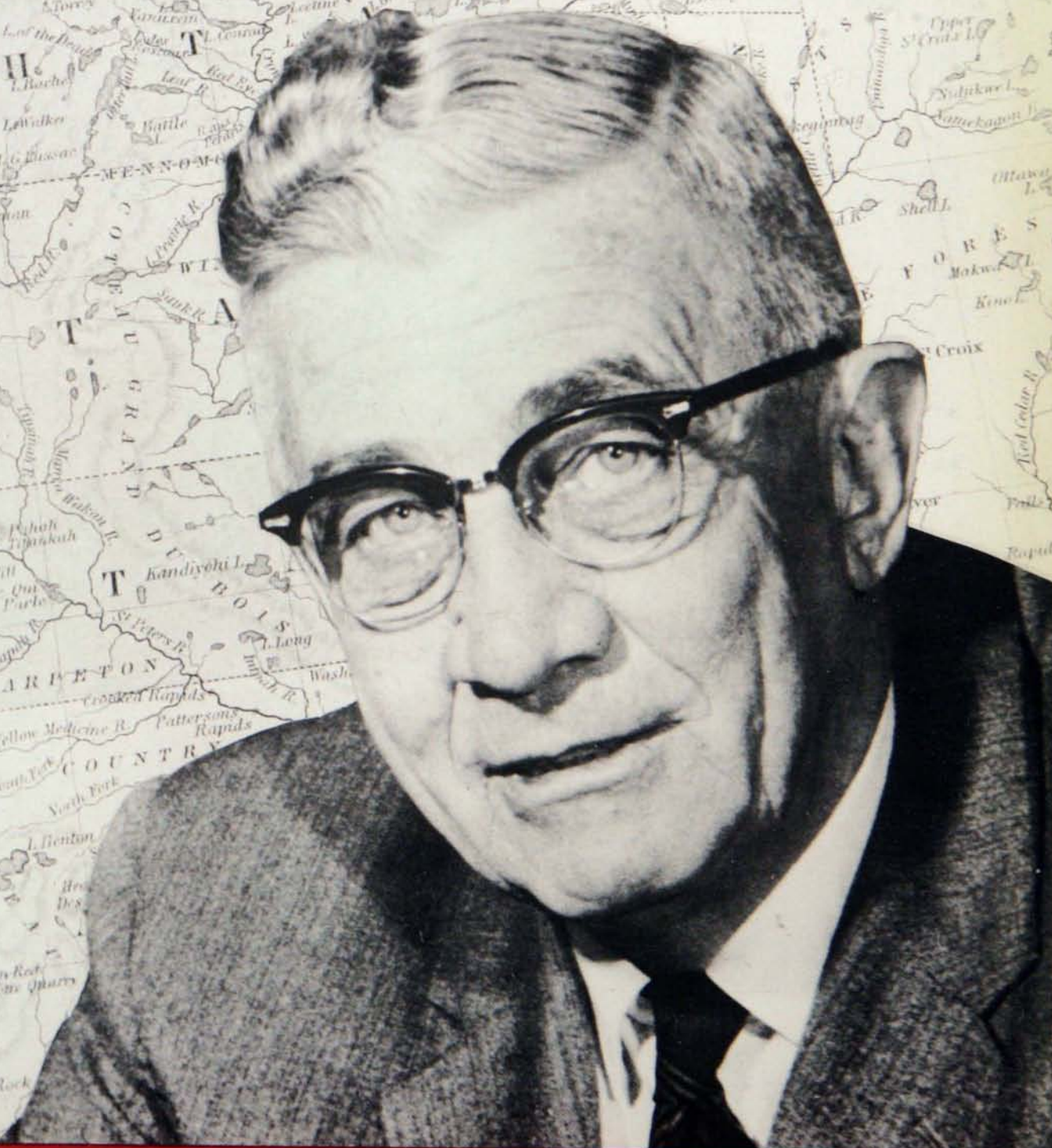
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ALUMNI NEWS



THE END OF AN ERA Dean Blegen Retires

UNIVERSITY OF MINNESOTA

ALUMNI NEWS

(Our 59th Year)

Continuing the Minnesota Alumni Weekly which was established in 1901, the Minnesota Alumni Voice and the Gopher Grad. Published monthly from October through June by the Minnesota Alumni Association, 205 Coffman Union, University of Minnesota, Minneapolis 14. Member of the American Alumni Council.

Vol. 59 MARCH, 1960 No. 6

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Cover Story

An 1850 map of the Minnesota Territory makes a fitting background for Dean Theodore C. Blegen

'12BA '15MA '25PhD, retiring head of the University's Graduate School. Dean Blegen, who has been at the University for 33 years and dean of the Graduate School for 20, is a man of many interests—historian, author, expert on the historical aspects of immigration, student of Lincoln and Sherlock Holmes, golfer and many others. Long active in professional historical circles, he was superintendent of the Minnesota Historical Society from 1931–39, has served for many years as managing editor of the publications of the Norwegian-American Historical Association, and has served in various committee positions with the American Historical Association. For his story—a life dedicated to education and scholarship, see page 4. (Cover by Paul Wychor)



J. Wright '36BSL '36LLB, Edgar F. Zelle '13BA, Francis A. Lund 1931–35, Hibbert M. Hill '23BSCE, Glenn E. Seidel '36BME, Leif Strand '29DDS, J. D. Holtzermann '21BA.

Past Treasurers: Thomas F. Wallace '93BA '95LLB, Arnulf Ueland '17BA, Wendell T. Burns '16BA, Sam W. Campbell '25BA '27LLB.

Honorary Life Association Members: Dr. J. L. Morrill, President of the University.

Second class postage paid at Minneapolis, Minn. under Act of Congress of March 3, 1879. Annual dues of the Association are \$5 of which \$4 constitutes a year's subscription to the Alumni News. Subscription for non-alumni: \$5 per year. National advertising representative: American Alumni Magazines, 22 Washington Square N., New York 11, N. Y.; phone GRamercy 5-2030. Published: Minnesota Alumni Association, 205 Coffman Union, University of Minnesota, Minneapolis 14, Minnesota.

Praises Wilson

Editor:

It will soon be fifty years since my class graduated from the University. This note is, however, the first I have ever written to the Alumni Secretary. I am moved to write this once because I learned today that our University of Oregon president, O. Meredith Wilson, is soon to leave our community to become Minnesota's new Chancellor. I felt rather badly about this at first but soon drew consolation from the fact that I am a Minnesota alumnus and shall always enjoy thinking of Meredith Wilson as my personal representative on the home campus!

It is unnecessary for the writer to attempt listing the professional qualifications and attainments of Minnesota's new chancellor. We are well aware of that here in Eugene. We shall always be grateful for the six years President Wilson has been one of us. Not only has he been a fine University president but a modest, friendly and warm-hearted fellow citizen. We shall sorely miss him not only because of what he does but because of what he is as a personality. Around here we call him "Met." You will soon be doing the same on the home campus and in all Minnesota.

If the chance ever came to me I should like to say to all my fellow Gophers: "We have got ourselves a good man!"

A. F. Homer '11BA
Eugene, Ore.

Indebted

Editors:

My indebtedness to Minnesota has been much increased since my 50th Graduation Reunion. I was treated so royally by everyone and so many responded to my letter for attendance that I felt fully rewarded.

I have retired for the last time and am laboring without salary. My wife and sister made a trip East to the University possible but

MARCH, 1960

I am going to enclose my renewal of five dollars as a justified obligation.

William W. Norton '09BAEd
Stockton, Calif.

Misplaced Dean

Editors:

I have just received your fine issue of February, 1960, with the "Distinguished Graduate of the University" rogues' gallery. It is indeed an interesting group.

On page 33 my picture appears with the indication that I am located at Kansas State University, Manhattan, Kansas. This is what happens when the agricultural college changes its name. I have always been attached to The University of Kansas, Lawrence, Kansas. I hope you will be able to correct my biography, not only in your files but in any other office which may carry this incorrect listing.

Warmest regards to all in and around your office.

George B. Smith '29BS '30MA
Dean of the University

Very Much Alive

Editor:

In the February, 1960, issue of the Minnesota *Alumni News*, page 35, there is a picture of Dr. Pearl P. Swanson, and a paragraph about her. One statement in that paragraph reads, "Deceased Nov. 30, 1959."

In order to correct your records I call attention to the fact that Dr. Swanson is still serving actively on the staff of Iowa State.

You may also wish to know that Iowa State's official name is now "Iowa State University of Science and Technology" and not "Iowa State College."

Ned Disque
Information Service

Foreign Alumni

Editor:

Many thanks for your *Alumni News* Vol. 59 December 1959 No. 3. I enjoyed reading it very much,

and passed it over to other Gophers.

All the Gophers in the Republic of China are occupying key posts in every walk of life and profession. Dr. (Forrest) Moore can tell you a few of them.

Mr. W. C. Haraldson was a professor of the University of Minnesota, and now the Director of ICA Mission to China, Taipei, Taiwan. Dr. and Mrs. Harry C. Schmid are graduates from the U of M, and now Dr. Schmid is the Chief of the Education Section of ICA in Taipei.

Jee Lum Wong '22DDS
Taipei, Taiwan, China

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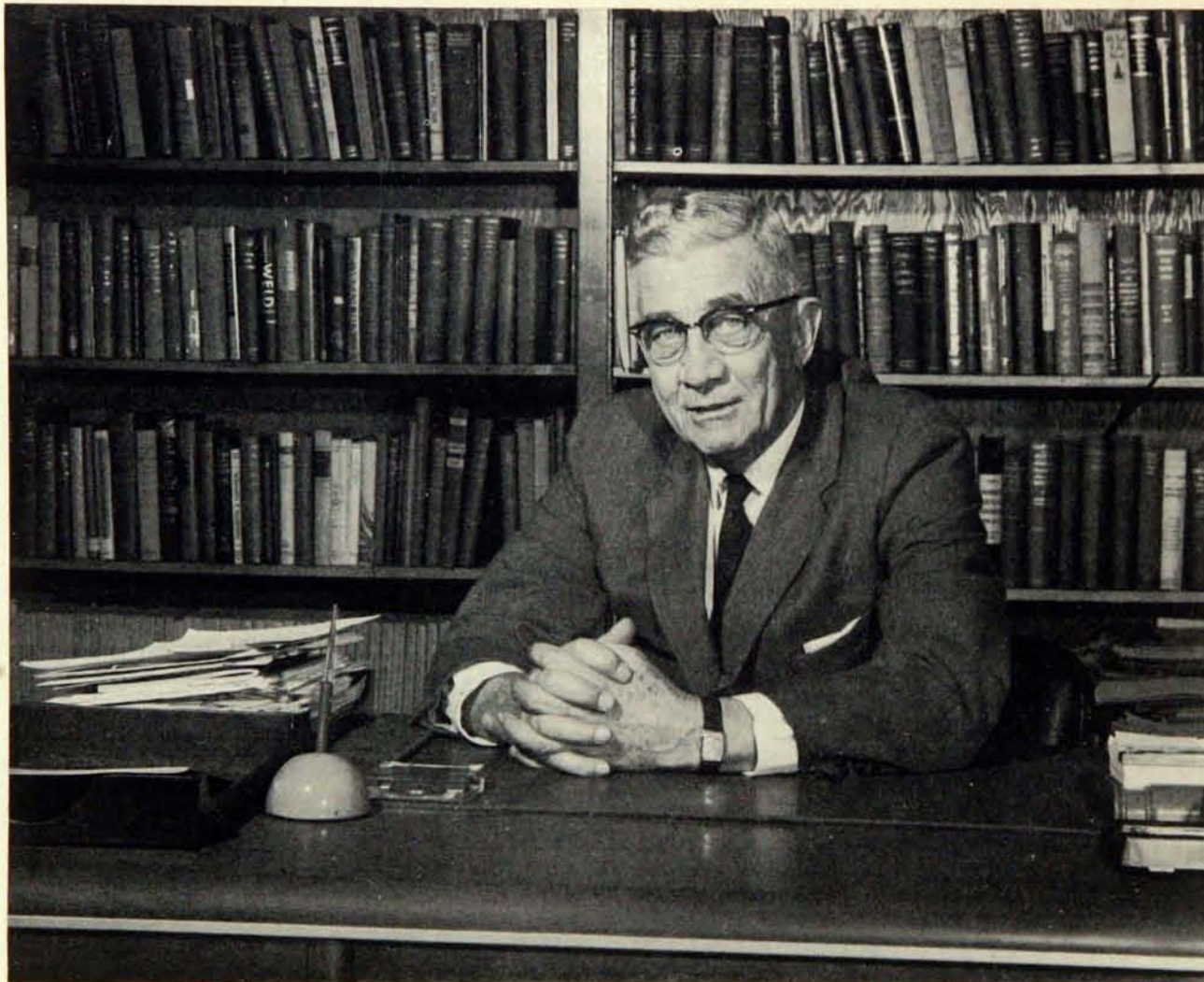
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Theodore C. Blegen

Theodore C. Blegen, dean of the University's Graduate School and for 33 years a member of the University faculty, will begin a graduate course in retirement June 30.

Dean Blegen, who has been described as having "the administrator's equivalent of the green thumb," will retire from the Graduate School he has helped make great after 20 years as its head.

A vigorous spokesman for higher education, scholarship and basic research, he has, as much as any other man, broadened the common ground between the University and the rest of the community through his administration of the Graduate School.

Primarily he has been concerned for the past two decades with the production of other scholars—the men and women who carry on the tradition of scholarship and research, a lesson which they learn well under his firm yet gentle guidance and insistence on high educational ideals.

A native Minnesotan, the University's "Viking Dean" is the son of Norwegian immigrant parents. His father, the late John Blegen, taught the classics at Augsburg College where Dean Blegen received his first BA degree in 1910 at the age of 19.

(The educational heritage that the Blegens received from their parents was indeed a rich one. A brother, Carl W. Blegen '07BA, is professor emeritus of classical archaeology at the University of Cincinnati. Currently in Athens, Greece, he is one of the greatest living archaeologists and the foremost American scholar working in the prehistoric (Bronze Age) period in Greek lands. He received the University's Outstanding Achievement Award in 1952.)

A second BA followed at the

University of Minnesota in 1912, his MA in 1915 and PhD in 1925. His teaching career at the University began in 1927 after experience at Fergus Falls, Minn., high school and Milwaukee's Riverside high. He also served as assistant professor of history at Hamline University, St. Paul, from 1920–22, and headed the department there from 1922 until joining the Minnesota faculty.

In 1942 Hamline awarded him an honorary Doctor of Literature degree. He also holds honorary doctorates from Carleton, St. Olaf and Augustana Colleges and from the Royal Frederik University of Oslo.

Last October Augsburg College presented him with its Outstanding Alumnus Award.

Although Blegen is first and foremost a historian and educator—he is probably one of the top authorities on immigration and its influence on American history—history and education are by no means his only fields of interest.

A man of vigor who looks considerably younger than his 68 years, music—from folk ballads to football songs—Sherlock Holmes, Lincoln, golf and fishing all occupy places of importance in the busy scholar's life.

"Oleana," a song recently recorded and made popular, was published by Blegen in the original and prose translation in *Emigrant Songs and Ballads* in 1936. The book was edited by Blegen, then an associate professor of history, and Martin C. Ruud, professor of English.

While teaching in Milwaukee, Blegen conducted the school orchestra and wrote the school song as well. He sang in the Augsburg College Sextet of 1909 and played piano solos during their two sum-

mer tours of the Midwest. He also wrote the Hamline football song.

One of Blegen's multifarious hobbies—which fits in particularly well with the mysteries, the clues and the adventure of the research he stresses continuously—is the life of Sherlock Holmes.

He is a member of the Baker Street Irregulars and author of *The Crowded Box-Room* in 1951, a study of Holmes' mind. In 1952 he also collaborated with E. W. McDiarmid on *Sherlock Holmes, Master Detective*.

His voluminous list of publications (he has collaborated on, written or edited more than 20 books and hundreds of articles) also includes one entitled *Lincoln's Imagery*, a work seeking to account for the word-magic of the Civil War president.

Since 1925, Blegen has served as managing editor of the Norwegian-American Historical Association. While he headed the history department of Hamline University, he also served as assistant superintendent of the Minnesota State Historical Society under Solon Justus Buck. He was the inevitable choice for superintendent of the Society when Buck resigned in 1931.

As James Gray states in his book, *The University of Minnesota, 1851–1951*: "Immediately the administrator's equivalent of the green thumb began to show itself. The services and functions of the Historical Society multiplied so rapidly that Minnesota's short past seemed to be re-enacted from day-to-day concurrently with its present."

In 1939 he resigned the superintendency of the Historical Society to accept a fellowship of the Norwegian-American Historical Society, to complete the studies begun in 1928–29 as a Guggenheim Fellow. In May, 1940, he was appointed

the university's "Vikiean" retires this year

dean of the Graduate School by the Board of Regents and returned to the University.

"Once more the green thumb began to operate and the Graduate School blossomed with new projects, new services, new agencies of instruction," Gray wrote.

"To the new dean it seemed important that programs designed for mature men and women should attempt, without sacrificing the values of depth, to offer more both of breadth and of flexibility."

To this end, in the 1940's Blegen was instrumental in adding new agencies of instruction, new sequences of study. Advanced training in human genetics, food technology, area studies, in foreign service — all came into being during Blegen's administration.

In the development of one division under area studies, Dean Blegen took a particular interest. His own specialty being Scandinavian culture, in 1947 he was able to attract funds from the Carnegie Foundation with which to establish an extensive program.

One of Minnesota's truly important contributions to the recent history of instruction in medicine also grew out of Blegen's idea of the flexible, interdepartmental program as the salvation of graduate education. Working closely with Dr. Maurice Visscher of the Medical School, a program in cancer biology was developed that was the first anywhere in the world to offer the doctor's degree.

Seeing the value of such flexible, interdepartmental programs, the statisticians were the next group to urge the creation of an interdisciplinary program. Then the American Studies program extended its program to the Graduate School.

Under Blegen's urging, the Faculty Summer Research Program also was created, with appointment to it depending chiefly upon a teachers' readiness to finish a half-completed manuscript.

The program works like this:

If a man could be freed of obligation to teach in summer, if he could feel that it was both legal

and remunerative for him to work at his research project, he might be able to push quickly to completion works that had long been stalled in progress. The Faculty Summer Research Program gave this opportunity, and more than 150 studies resumed progress under the sympathetic and benevolent eye of the Graduate School.

But there was more to the problem. If the necessary funds could be found, why not do something for the non-academic writer who stood in similar need, particularly those who wished to work with regional materials?

Blegen approached the Rockefeller Foundation with the proposal and so persuasively did he present his case that almost immediately he found himself made responsible for the administration of a sizeable fund to be expended for fellowships in regional writing.

What does retirement hold for Ted Blegen?

"I have not yet made a decision about exactly what I will do," he answers, "but you can safely tell your readers I shall continue my writing career."

Several positions have been of-

fered him upon retirement and two of them involve writing in fields of great interest to him.

And perhaps he will be able to find a little more time for his golf game.

A long-time advocate, he holds an honorary membership in the Professional Golfers Association for shooting a hole-in-one on the University Golf Course.

Blegen's loss will be keenly felt by the University and the community. His judicious counsel in educational matters, his sincere respect and friendship for faculty, staff, students and neighbors, his never-ending emphasis on the need for scholarship and research in this age of specialization — all have served to make him an honored and respected member of the University family.

His activity has carried well beyond the academic life, reaching unselfishly and whole-heartedly into alumni activity. A member of the MAA Board of Directors, he has devoted considerable time to Alumni affairs and currently is serving as chairman of the nominating committee for the annual MAA spring elections.



MINNESOTA HISTORIAN Dean Blegen and world historian Arnold Toynbee discussed their common fields following the Gideon Seymour Lecture at the University in 1955.

in the words of Dean Blegen...

Excerpts from thirty-three years of speeches

on academic freedom

If you make science unfree, whatever you may call it, it stops being science. It no longer fits in with liberal education, the kind of education that frees the minds of men. Liberal education frees us from something. Liberal education frees us for something. It frees us from the shackles of ignorance. It frees us for the realization of values.

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Let me look for a moment at the charge that we are too big, perhaps too great. My answer is no! We are not too big. We are a university. The state has wanted a university made up of schools in a variety of fields, including the arts and law and medicine and agriculture and education and technology and dentistry and business and graduate education. You can't have such an institution, in a state that traditionally has prized and valued education, without having a big institution, without doing a big and varied job. With bigness comes shared strength, from school to school, from faculty to faculty. With it comes standards of excellence that you lose if a given school does not have alongside it other schools that contribute to its sturdiness. And with it comes something else — a sense of responsibility for doing many things, in counseling and other services, that help our students to make adjustments to their University life and their growth in critical years of their lives.

Some people ask whether we can afford a big university. The real question is whether we as a people can afford *not* to have one. Cut this university down to small size, restrict its teaching and research and services, drop out this school and that, restrict enrollment to an aristocratic minimum — and the people of Minnesota will surely rise up and shout "to little, too mean, too ungenerous, too inadequate, too little worthy of a great state and its future."

on teaching

The teacher-scholar is not an Emersonian abstraction, not a machine, not a gaunt and lonely folklore figure dwelling on an upper floor of a mythical tower of ivory. He is a highly educated human being, informed by and sensitive to a thousand influences, instructed by the past, invited by the future, as Emerson says. He is "a part of the mainland of human search for truth in all its manifold interrelations." He might, indeed, be what John Donne calls an "island, entire of itself" if he did not have students with him and about him — but with them and they with him, we have a community here and throughout the nation that can, I believe, help us to meet the future with informed and prepared minds and with such composure as can be derived from the disciplined use of the resources at our command in the ongoing life of the world.

on graduate education

The graduate school reaches into nearly all parts of the university. It is central to the university's aims of educating men and women beyond the undergraduate and basic professional levels to the responsibilities of modern America in the arts and sciences, in industry and agriculture, in medicine and the other professions. It is potent to the university's purpose of forwarding basic research and advanced study, extending the boundaries of knowledge, and training succeeding generations in the ways of acquiring and transmitting knowledge.

There are as yet unrealized possibilities of interuniversity cooperation in the graduate field, possibilities we shall exploit as the march of specialization continues.

on the university of minnesota

My faith in the University is shared, I believe, by very many, and I am sure that the alumni — in times critical as well as in times serene, if ever there are serene times — will give in generous measure the confidence and support the President and the Regents deserve and need in their responsible efforts to carry forward this institution "of and for the people."

MARCH, 1960



B. M. CHRISTENSEN, president of Augsburg College in Minneapolis, presented Dean Blegen with the school's Distinguished Alumnus Citation last October. Dean Blegen received a BA there in 1910.

In the national associations of universities I have long contended that one of our first principles is to know our limitations: to do what we can do well, to leave to others what we cannot do well. I do not for a moment contend that a given graduate school can do all things well. It should give advanced degrees where its faculty and resources warrant doing so. It should abstain, cheerfully and with good grace, from giving such degrees where it cannot meet the fundamental requirements.

on education in general

There are not a few signs that America is beginning to see that specialization and liberal education are not incompatible. Leaders of industry are turning into action their conviction that highly expert technical knowledge is not enough for present and future leadership without the foundation of liberal arts, and they stress the importance of wide-ranging knowledge and critical judgment. There is a growing realization, too, that technology, with all its triumphs, does not seem to be the road to peace—to an international meeting of minds in an apprehensive world, with its barriers of thought and language, of tradition and custom, of race and circumstance.

With our deep concern about our own security and welfare, we must find and train and develop in our halls of science, scientific leaders for the future. Knowing the perils of too early specialization, we can and should put emphasis on liberal education for emerging scientists while at the same time we pull together understanding of science for nonscientists under the generous folds of liberal education. Believing in the humane values of education for man, we can and should emphasize the content of science, so that, in mastering techniques, we do not miss the substance, the symmetrical beauty, the integrity of spirit, in a very great branch of human learning.

The insistence on universal education in this country is no passing fad. It springs from a widespread and sound conviction that our civilization must have the very highest degree of knowledge and intelligence that we can develop—if we are to live satisfying lives, if we are to make good the dreams on which our society was founded, and, I may add, if we are to meet with wisdom the responsibilities of leadership in the troubled world of today.

on the role of a university

Scholarship channeled into research is a university obligation and commitment. It is also an incalculable resource for our future, vital to our welfare and security, vital also to our very ways of living.

Whatever the criticisms and whatever the coming changes, every good graduate school has elements of strength which bind it together and give it unity, however diverse its fields may be. In a time of crisis and self-probing, we may profitably remind ourselves of these interwoven strands of strength. One is basic purpose: the educating of people to top responsibility in research and teaching, in the arts and sciences, in public life, business and industry, and wide range of specialized professions. Coupled with this, and indeed a part of it, is the obligation of graduate faculties to extend the boundaries of knowledge and to train new generations in the ways of acquiring and transmitting knowledge. The graduate school dedicated to such purposes has been decisive in making the university a real university.

An old adage says that blood will tell. Perhaps it will, but so will standards of scholarly integrity, of good liberal education, of fine teaching, of halls of science utilized, of selection and encouragement and high aims and solid work.

on students

What I want for all parts of this university and elsewhere is a closing of the gap between achievement and inherent potentiality. The gap between what students can do and what they actually do makes, for those of us who teach, one of our perplexing major problems. It is more: it is one of the grave problems of the society and culture in which we live.

How shall we recruit high research talent for the tomorrows that stretch into future years? Where shall we find that talent? How identify it? Most of us believe that our future depends on research, and many people are worried about the supply of talent. I think of our teachers in schools and colleges as focal points in searching out and encouraging highly promising young people to take the hard but fascinating road of scholarship. Many suggestions have been made of effective ways of increasing the supply of talent. One very simple one that I favor is that of helping young students to get a taste of what research means by doing research, however little and modest the experience. I am not now speaking of graduate students who of course are trained in research, but of students at earlier levels.

Failure to use one's talents to the uttermost means the

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sad refrain of "too little, too late." Talent is highly important, but education is more than talent. It means interest, determination, hard work. It means using our little gray cells to their potentiality. In short, it means doing the best one can with what one has.

on research

Back of every theory, every discovery, every applied idea, is patient work, sleep-robbing thought, often quiet heroism, stubborn, persistent, unyielding will. Research is no game for the weak of heart and purpose. There is no royal road to science. Wishful thinking earns no A's.

Research is intelligence, training, and imagination steadied by fundamentals, disciplined by thought, and devoted to the purpose of widening and deepening knowledge and understanding in the interest of human welfare, through investigation, testing, and creative thinking. Among its ingredients are freedom, experiment, self-criticism, the relating of one thing to another, analysis, construction, and revision. Those who call it magic might note that often it entails disappointment, change of direction, frustration, failure, and negative results.

We must strengthen our leadership in science and world affairs and in order to do this, we must facilitate and strengthen the training of gifted people in the spirit, and drives, and the techniques of basic research.

on progress

Our educational system has never stood still. It has not been static. There has been much appraisal and reappraisal, and that, too, is linked with the heritage. Education has moved forward, I believe, in response to needs, to leadership, to criticism, and to the will of the supporting public. Thus the move into the land-grant college system, a profoundly significant development in higher education, with its emphasis upon agriculture and mechanic arts, was a clear reflection of a national purpose; and as we view it in perspective we must see it as a sidepiece to an educational interest that embraced all segments of our society and also to the compulsive advancing specialization of function that has marked the hundred years we now celebrate. In my view the land-grant idea, coupled with certain other forces, was crucial to the development of the modern American university with its sweep of graduate work, its far-flung researches, and its championship of professional education.

on scholarship

In speaking of scholarship as a double resource — a resource for us in our individual lives and for the society of which we are a part — I want to strike as hard as I can at the idea that scholarship is just an abstraction or an ivory-tower concept, remote from everyday life. Measurable excellence in learning is the heart of scholarship, and it is of vital concern to everybody. From home to business and profession, from politics and community affairs to church and schooling, from reading to recreation — everywhere,

we as people and citizens must draw upon knowledge and understanding, on memory and reasoning, in order to play our roles in life decently, intelligently, and richly.

A poet has said "America is West and the winds blowing." Scholarship is questions and answers blowing. It is the process of hunting for answers. It is Sherlock Holmes and the pursuit of clues. It is inquisitiveness with informed purpose. Curiosity kills cats, breeds gossip, and pulls skeletons out of closets; but it is a trail to knowledge and truth if disciplined by training, observation and purpose.

on some observations on academic life in general

We are too degree-conscious in America. I am more concerned about the quality of our preparation for teaching in college and high school and for research than I am about tags and diplomas.

We should never judge the quality of scholars by measuring their lists of publications with administrative rulers.

International American prestige and leadership bear grave responsibilities in the educational as well as the political world. Students from more than a half hundred countries in ever-increasing numbers, are flooding into American universities mainly at the graduate level. This is a tribute to the integrity of American higher education and a testing of our educational resourcefulness.

One of the most potent of all educational forces is encouragement, but unless identification of promising talent comes first, this force has little meaning. A primary problem, therefore, is that of early identification, coupled with the catalyst of encouragement.

Make no mistake; instruction and research are not in opposing trenches sniping at each other. If they are fighting anybody, they are both fighting ignorance; they are really in the same trench; they are both seeking victory for enlightenment.

A CITATION, SIGNED by almost 500 persons attending the dinner honoring Dean and Mrs. Blegen Jan. 30, is happily displayed by the dean. The dinner climaxed a conference on immigration, held in his honor.



What can you say except . . .

This is the text of Dean Blegen's address at the dinner honoring him in January. The dinner marked the conclusion of a conference on immigration in American history, held in Dr. Blegen's honor and attended by leading authorities in the field.

Thank You



When your heart is full to overflowing, what can you say except thank you? For my wife and for myself, I thank you all—the speakers, this dinner party, the many and distinguished participants in the great conference we have held, the University and its President, those who have so carefully made the arrangements for the conference and this dinner, and all you who have come out to make up this heart-warming audience.

As a student of Sherlock Holmes—a Baker Street Irregular—I can't help recalling just now an adventure entitled "A Case of Identity." The toastmaster, a scholar of the canon, will instantly remember that the adventure begins with a dictum by the Master: "Life is stranger than anything which the mind of man could invent." Life is indeed strange, as I feel on this occasion, but that is not the point of my remembering this story. The point is that I am not altogether sure that what we are celebrating does not involve a case of mistaken identity. I have one hope, however, and that is that my wife will not share in this little doubt or misgiving of mine about identity.

The air is full of retirement, though I gently remind my colleagues that I do not intend to retire until midnight of June 30th. Still and all, whatever the retirements may be on any given June

30th, the University, as President Morrill likes to say, is ongoing. It moves forward in his own spirit and in the spirit of another University president, Dr. Folwell, who in his inaugural address in 1869 said, "We thank God for foundations now laid here which may endure to the end of the world, to the blessing and upbuilding of all the generations which shall follow ours."

Each year some of us retire and make place for others—and I trust that we do it with a certain grace and with gratitude for all this University and state have meant to us, maybe, also, with a conviction that others will meet the challenges of a new time with new ideas and will do a better job than we have done.

Many people ask me what I propose to do when I retire, and my answer is that I shall retire. I may play a little golf, but I shall certainly go on with my writing. Here I take comfort from Biblical lore, especially from the examples set by King David and King Solomon. I am sure you all remember the verse that tells what they did:

King David and King Solomon
led merry, merry lives,
With many, many lady friends,
and many, many wives,
But when old age crept over
them—with many, many
qualms,

King Solomon wrote the
Proverbs

And King David wrote the
Psalms.

Putting aside all reference to many lady friends and wives, I am not vain enough, even after the speeches of the evening, to suppose that I could write proverbs and psalms, but I do think that I could write a book or two—or maybe more—and I have thought of some titles I might use in my writing—the writing I shall do in those days when the committees will convene without me, when another dean will handle research grants and petitions and new programs and problems and tangles, and when I can begin a day with nine holes on the short course instead of a faculty conference on the long course.

There is one book that I think I can write—and it will be on "How to Be a Great University President." I do know a good deal about that subject, even though I keep in mind the common faculty saying that a dean is too dumb to be a professor but too smart to be a president. Still, I know something about the subject I have mentioned because I have worked with a great University President. Working with him has been a continuing education in vision and patience, in fairness and dedication, in humility and decision, in

bigness of mind, and in a leadership that never departs from a gentleman's generosity and courtesy. So that book of mine, if I write it, will be about a man named James Lewis Morrill, who has won and held my devotion and affection through the years.

Perhaps I ought to write a book about deans and deaning. Here my title will be "Diaconal Reflections," but I have not yet decided just what and how and wherefore to reflect. I have gathered up some of the folklore and stories about deans, but if I included them in the book and if the book should be published, I should be just a little concerned about the postal regulations. Still, if I write about my own experiences through twenty years of deaning, I shall describe a position in the faculty and in the administration that is, in my judgment, the most interesting position in the academic world and one in which for me service and happiness have been synonymous.

Since golf has been mentioned, I suppose I ought to follow Sammy Snead's example and write a book in this field, especially on how to make a hole in one. I grant that my qualifications for discoursing on how to make a hole in 7 or 8 or 9 are undisputed — and I also know a lot about how to emerge from a sandtrap in five strokes — four regular and one apoplectic. But still I can't deny, as a historian, that once, some years ago, I did shoot a hole in one. What I remember, apart from the astonishment of my colleagues and of myself, was the question that jumped into my mind: What did I do that was right? And I have sometimes asked that question about my deanship. Anyhow, if I could get an answer, I might write a book on the royal sport of golf. For the present I shall leave such a book to others, perhaps to Dale Shephard, the manager of our Campus Club and a golfer par excellence.

After serving as a faculty member for many years both before and after I became dean, I feel that I really should write a book

about the faculty. Politically, notwithstanding popular notions, they are highly conservative, but even so, I think I shall have to use the title *People Who Think Otherwise*. We need *otherwise* thinking to make progress and keep the world in balance. My opening chapter inevitably will be about a professor who once taught, not at Minnesota or at Amherst, but in the Universities of Pisa and Padua. I refer to Professor Galileo, and you know his story. Facing the Inquisition in 1633, he felt that, perhaps for purposes of tenure, he had to abjure publicly his belief that the sun was the central body, with the earth and other planets revolving about it, but according to what my fellow historians, to my regret, call legend, he muttered, as he got up from his knees before the Inquisition, "E pur si muove" — "It still moves." His abjuration saved him for the writing of his final book of Dialogues, but his mutter was the somewhat muted voice of academic freedom, and time has supported the mutter.

I like the idealism of faculties, their stubbornness, sense, their friendship, and always their working dedication to truth as they see it. They are as lovable as they are cantankerous. Granted that sometimes their proposals shoot into a stratosphere beyond the practicalities of budgets and legislatures, no good dean turns or should turn a deaf ear to faculty dreams of what a great university can and should be. We, even universities — like our state and country — are in Shakespeare's phrase "such stuff as dreams are made of." This University in 1960 is the dream, greatly realized, of the frontier people who founded the University of Minnesota more than a hundred years ago — and if this is 1960, can 2060 be far beyond? One day this institution will look back upon more than 200 years of history. I am not a prophet, but I venture the prediction that the age ahead of us is one in which the voice of the teacher and scholar will transcend that of the turtle or that of market or publicist, and that dreams of

our day will be turned into realities for the future of Minnesota.

You, said one of our University presidents, pointing to us individually, *are* the University, faculty and civil service alike. It would be pleasant to write a book about the University civil service, remembering that many of us would flounder without the civil service, remembering also that the root word, *civis*, meaning a citizen, is related to the quality of urbanity, and that the synonyms of *civil* are *efficiency*, *loyalty*, and *service*.

My thoughts tonight go to my colleagues in history, to those who have joined us in this Conference, not a few of them from far away, those in the realm of American immigration and other areas of history and fields of scholarship whose contributions have added to the richness and flavor and fun of life for me. They go also to friends in many areas and disciplines and institutions with whom I have worked and lived. But most of all, tonight, it is this University, the Graduate School, and my colleagues in every field that stir my memories.

What a fascinating place, adventure, career, and life is a great university! A university with its range across a hundred important sciences and arts; its probing researches; its teaching of youth in the successive waves of generations; its informed interweaving of past and future; its basic and applied service to state and country and world; its intoxicating play of ideas; its controversies and troubles and triumphs; its comradeship and warmth as a community of scholars!

Somebody in Shakespeare says, "I am poor in thanks." Tonight, I am poor in thanks.

But my thanks and those of my family come from hearts full of gratitude to you my colleagues in history and the arts and sciences, to this University, to the state, and to all our friends everywhere who have remembered us on this memorable evening.

Memo

TO: Members of the Association

FROM: The Executive Secretary

SUBJECT: A New President Appointed

The announcement on January 15th, 1960, of O. Meredith Wilson as ninth Chancellor of the University of Minnesota was indeed good news. Dr. Wilson brings to Minnesota a most distinguished record of accomplishment as an able scholar and teacher, as a talented administrator, and as a gifted leader. All these qualities will be much needed in the days ahead. The Regents' Committee, under the able and wise leadership of Ray J. Quinlivan, should be congratulated on their handling of the whole matter. The Regents' Committee was most careful to work closely with both the faculty Consultative Committee and the Special Alumni Committee. As the result, Dr. Wilson's appointment had the unanimous approval and support of these groups. While Dr. Wilson will not arrive on campus until July 1, or even later, he will find a warm welcome awaiting him as well as the full and enthusiastic cooperation of everyone.

The host of friends and admirers of President Morrill are paying tribute to him on every occasion. However, in acquiescence to his wishes, there will be only one official University family and one official student party for him. The Alumni Association honored President Morrill at their Honors' Luncheon, February 25th, the date of the University's 109th anniversary.

Dean Blegen was honored at a two day conference and a testimonial dinner January 30th. Dean Blegen retires June 30, 1960, and as he says "at 11:59 P.M. of that day—and not one minute before". What a wonderful person and what a great loss to the University.

Many letters of commendation have been received on the February issue of the ALUMNI NEWS which featured the 299 recipients of Outstanding Achievement Awards. This issue, devoted to Dean Blegen, is in line with our editorial policy of special issues of interest to alumni. The April issue will bring to you the story of our Foreign Alumni, on campus and throughout the world; the May and June issues will tell the Morrill Story.

While visiting the west coast in January, your Executive Secretary met with a group of past presidents and alumni leaders of the Southern California Alumni Club, in an effort to reactivate their group.

With over 3,000 alumni in Southern California, an active club is needed. It was agreed that because of a temporary loss of leadership, activity had dropped off. Robert J. Swenson, '29BBA, who once before sparked alumni activity with his leadership, agreed to take hold again. In San Francisco, two meetings were held—one with the year-old Northern California Minnesota Alumni Trust Foundation and one with the alumni of the area at the time of their annual meeting. The Trust Foundation, chaired by Arthur Poole '17BA, MAA Board Member, in its first year raised \$2,500—sending \$1,000 to the Greater University Fund. This is a new kind of Alumni Club program and a new first for Alumni Clubs in fund raising. The annual meeting of the Northern California group was a real demonstration of loyal, enthusiastic University support.

The Southwest Regional Reunion held January 7-11 at Camelback Inn, Phoenix, Arizona, was a huge success. Credit should go to the Valley of the Sun Alumni Club (Phoenix) which sponsors the reunion and acts as official host. Ninety-one alumni stayed at the Inn and for the various programs, some fifty alumni from the Phoenix area joined in. Bert Sprague (State treasurer for Arizona) who was chairman of the reunion committee for the Phoenix Club, Dr. Emanuel Barnett '30MD, immediate past President, and newly-elected President Jim Gebhard '47BAE, deserve real praise for their outstanding leadership in making the event so successful. The dates for next year's event have been set for January 8-15, 1961, with the program days being January 12-13-14. The price is the same, \$14.00 per day, per person, American plan. And what a steal at those prices! Next year 125 are expected to stay at the Inn—with our top capacity set at 150. So plan your vacation now for January 8-15 in 1961 and join the happy group at fabulous Camelback Inn.



This year for the first time I attended the Rose Bowl festivities. I had a wonderful time. I was the guest of Warren Dunnell '16BA at the stupendous Big 10 party in honor of the Big 10 team at the Biltmore Bowl—over 1,400 "Big Tennesseers" turned out. Dunnell was chairman of the event which is put on by the Big 10 Club of Southern California. What a tremendous job Warren did and what a fine host. Then, of course, the Rose Bowl parade and Rose Bowl Game. As an impartial observer, here are my reactions—the whole event is nothing but a civic (commercial) promotion. It is similar to the St. Paul Winter Carnival, the Minneapolis Aquatennial, Omaha's Aksarben, etc. Not in any sense is it a college event. While the parade is beautiful, and the game exciting—it is college football out of context. The event and setting are strictly commercial. Personally, once is enough, unless one's own school was involved—and then perhaps, but certainly with reservations. Anyone connected

(Continued on Page 30)

The Rose Bowl . . .



Pro and Con*

On 4 February 1960 the Senate of the University of Minnesota,** by written ballots, voted 88 to 14 to approve recommendations of its Committee on Intercollegiate Athletics that Minnesota continue to vote against participation of the Big Ten Conference or its member institutions in the Rose Bowl game. This action confirmed Minnesota's traditional opposition to post-season exhibition contests in intercollegiate athletics. Under the present constitution and by-laws of the University Senate, adopted by the Regents, Administration and Faculties, this body has been given final authority in such matters in accordance with Big Ten Conference policy. It votes on, and can and some-

times does override, the recommendations of its 14-member Committee on Intercollegiate Athletics.

**Written at the request of the Editor by M. O. Schultze, Professor of Agricultural Biochemistry, who is chairman of the Senate Committee on Intercollegiate Athletics, and by S. V. Kinyon, Professor of Law, who is Minnesota's Conference Representative.*

***A body comprised of 130 faculty members elected annually by the Faculties of the various colleges, schools and institutes in the University, plus the 30 top administrators (Vice-presidents, Deans and Directors) comprising the Senate Administrative Committee.*

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When the Big Ten Conference, in 1945-46, was invited to and did first negotiate a Rose Bowl contract, Minnesota and two other universities voted their opposition. Since that time, the Big Ten Conference has had 14 years of experience with Rose Bowl games. Two universities which sent teams to the Rose Bowl have changed their earlier attitude and have recently voted against participation. It is significant that these years of experience have not only provided a better basis for the present decisions but have also strengthened the opposition.

Interestingly, there seems to be little disagreement as to the nature and conduct of the game itself. The argument in the Big Ten is not over the facts about the game or the way in which it is conducted, but rather over the question of whether the incidents of the game, even though superbly conducted, are in the long run a desirable or undesirable thing for intercollegiate athletics and the over-all educational programs in the Big Ten universities.

The great publicity which surrounds the Rose Bowl game and the event preceding it, together with its obviously attractive aspects, make it necessary that no conference university should make its decision on this question lightly. At Minnesota, the arguments for and against participation have been weighed and discussed carefully by the Senate.

A strong case can be made in favor of participation in the Rose Bowl game:

Pro

1. After a team has won the championship in its own conference or has otherwise completed a highly successful season, it is only natural that it would want to play against another outstanding team, in a setting of national prominence. The players and coaches certainly have this desire.

2. **A trip to California and participation in the game are a highlight in the player's athletic career, an experience which he will never forget.**

3. Through various news media and other means, an impressive body of opinion has been expressed by alumni and friends of the university, by many people throughout the state and elsewhere, in favor of participation. Student organizations have voted for it. It is impossible, of course, to determine to what extent this view is based on the enthusiasm of the sports fan or on his careful judgment of the issues involved. What-

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ever the case may be, the University is cognizant of such opinions; they have been brought clearly to the attention of those who had to vote.

4. **The Rose Bowl game is a well-managed promotion, operated on a clean, high plane.**

5. The game is scheduled during a school holiday and therefore does not directly interfere with classes.

6. **Through the nationwide publicity which the game has received, a participating university derives much publicity, which, rightly or wrongly, spreads its name and adds to its prestige in the eyes of many, particularly when the team wins.**

7. Through the years, all Big Ten universities have received considerable revenue from the Rose Bowl games. This has strengthened the athletic operations at each school. At Minnesota, it has, among other things, permitted expansion of the intramural athletic program for the benefit of all men students.

Arrayed against these arguments for participation are the following major points:

Con

1. The Rose Bowl game is not sponsored by a collegiate athletic association or by an educational institution. The game is sponsored and organized by the Tournament of Roses Committee, as part of a promotion designed to attract many people to a local community for a New Year's holiday. The game is, therefore, in spite of all the attendant publicity, simply a post-season exhibition contest which has no bearing on the winning of an intercollegiate athletic championship. For many years the Big Ten Conference has had a rule, which is still in effect, that "post-season competition in all sports is prohibited." When the first Rose Bowl contract was accepted by the Big Ten Conference, this rule was modified by adding a permissive clause stating that: "Nothing herein shall apply to the Rose Bowl game."

2. **The Big Ten universities which have participated in the Rose Bowl game have experienced serious interference with the academic work of the student body, many of whom are making preparations for a trip to Pasadena. Such disruption of the academic work is particularly serious in a university which, like Minnesota, operates on a quarter system and holds final examinations in the second and third weeks of December.**

3. Since the Big Ten Conference has participated in the Rose Bowl game and since other bowl games have become prominent, there has occurred a sharp increase in the pressures and demands for winning football teams. There has been an increase in abuses and violations of rules which led to penalties, not only against Big Ten Conference universities, but also against some universities from which the West Coast representative in the Rose Bowl game is chosen. Admittedly, the pressures for winning football are difficult to measure in tangible terms. They find expression, however, in:

- a. the extensive subsidy of student athletes, now legalized by the Big Ten Conference and financed by gate receipts and other funds. It is significant that in the awards of the maximum authorized financial aid, the athletic promise and achievement of the recipient take precedence over scholastic work.
- b. Intensive, organized drives to raise funds for the subsidy of student-athletes.
- c. A great expansion and intensification of recruiting activities to the point where hundreds of promising athletes are brought to each campus for interviews, from all corners of the United States. Neighboring and distant states have become hunting ground for recruiters. Many talented Minnesota boys have been lured away by non-conference schools through offers which exceed those authorized by the Big Ten Conference. The Conference is now under pressure to liberalize its rules on subsidies so that it can meet this competition. The recruiters from the Big Ten use the possibility of play in the Rose Bowl as a lure for their prospects.
- d. An apparent intensification of concerted drives and open demands that universities "fire the coach," abrogate contracts with staff members, or permit them to be bought up because the team is not winning. In this context the following quotation from an article entitled "Requiem for the Big Ten Team," which appeared in the *Wisconsin Alumnus*, February 1960, is pertinent. "The Wisconsin loss produced two distinct strains of Badger fans who were stunned and disappointed by the results of the game. The first group shook their heads and wondered just what had happened to the usually tough Badgers but, eventually, accepted the day as a matter of course. The second group, after a pause to collect their wits, started hurling invectives, strong enough to make even Hitler's hate merchants blush, in the direction of the team, coaches, and anyone else they could think of to blame.

"This was the point at which football and the obviously commercial, yet often genuine, spirit of



Conference Champs!

the Tournament of Roses lost all of their meaning. For those who have allowed bitterness to distort their thoughts and values to the point where reason has become an enemy of judgment, we can only extend sympathy. That two and one half hours of a January afternoon should have such a traumatic effect on one's sensibilities is indeed pathetic."

In the minds of many people the trauma extends over a much longer period. These symptoms of increased and constantly expanding pressures for winning at all costs may be a "sign of our times," not related to the promotion of Rose Bowl and other post-season games. However, the majority of the faculty of the University of Minnesota appear to believe that the Rose Bowl "adds fuel to the flame" of overemphasis of football.

4. The sponsors and promoters of the Rose Bowl and other bowl games have no bona fide interest in the universities which they invite to their contests. They are not interested in the invited schools in terms of distinction for scholarship or research; they are not interested in the student body or in the student-athletes; nor do they care whether these are bona fide students, good students, local boys representing the people of their state, or a collection of "all-stars" recruited on a nationwide basis.

The sponsors and promoters of these games are interested, however, in securing the services of a school or conference which will ship strong and skilled bodies to Pasadena where they can participate, as a public spectacle, in a contest against similar strong, skilled bodies furnished by some other school, for the benefit of the local community.

The majority of the faculty of the University feel that the support of and participation in such a venture has no place in the affairs of an educational institu-



Rose Bowl Chumps?

tion. They believe that the arguments against the Rose Bowl outweigh those in favor of it.

At other Big Ten universities, the majority opinion of the faculty bodies having control of athletics has differed sharply over the question of continued Rose Bowl participation. In four universities, Illinois, Northwestern, Ohio State and Wisconsin, the majority opinion has been in accord with that at Minnesota. At the other five, the majority have voted for the Rose Bowl. It should be noted, in this connection, that although some faculty members have no interest in sports, probably the majority of present day faculty members throughout the Big Ten are interested in sports and are not opposed to college athletics or to football. At Minnesota, for example, some 55 per cent of the faculty and civil service staff buy season tickets to the games, and many more follow them on radio, TV, and through newspaper accounts. This is probably true at the other Big Ten schools.

The differences in faculty opinion as to the desirability of the Rose Bowl game appear to reflect fundamentally different faculty beliefs about the proper functions of football in Big Ten universities.

In the five universities where the majority opinion is opposed to the Rose Bowl, the prevailing belief of informed faculty members seems to be that football has become, over the past fifty years, less and less an extra-curricular sport conducted primarily for the benefit of players and students, and more and more a grandiose, money-making, public entertainment spectacle, to the point where it is no longer a wholesome, recreational adjunct of the university's total educational function. These people believe that the ever-increasing public fervor and furor over the outcome of games, the constant barrage of publicity, the insistent demand for winning teams, with increasing pressures for intensive recruiting of outstanding ath-

letes, increased financial aid for them, and all the rest, have essentially professionalized the game and taken it far beyond the point where it constitutes a useful, healthy part of the university's educational program. From this point of view, the Rose Bowl game is undesirable since it merely adds impetus to these pressures.

In the five universities where majority opinion favors the Rose Bowl, the prevailing belief seems to be that, for a long time in the Big Ten, football has been far more than just another intercollegiate sport. For over forty years it has been large-scale public entertainment, an important part of the big universities' service function to the people of their states, a rallying point for their alumni and supporters, and an important factor in the universities' promotional and public relations programs. This is an established fact of present-day big-university life and, whether one personally likes it or not, it is not necessarily bad or evil if reasonably governed, and the universities can and do derive a number of practical advantages from a successful program of big-time football. To the extent, therefore, that a properly restricted program of recruiting and financial aid for athletes contributes to these advantages, it is desirable according to this view. Also, a properly conducted national spectacle such as the Rose Bowl game can and does enhance these institutional values without doing a comparable amount of harm, so why repudiate it after 14 years of successful participation?

These two different views as to the proper place and functions of football in the Big Ten are sincerely held by their respective adherents, and are extremely difficult to reconcile. Furthermore, with the dead even five-to-five split on this issue which has prevailed in Conference voting during the past year, it has not been possible to get either a majority in favor of renewing the Rose Bowl contract or a majority in favor of removing the permissive provision in the rule in order to prohibit all post-season competition. A continuance of this deadlock in basic belief could have unfortunate consequences on Big Ten athletics. It is to be hoped that this dilemma can be resolved to the best interests of the Conference.

In Next Month's Issue . . .

Read the fascinating story of the foreign student on the University of Minnesota campus. More than 1,000 students representing 78 countries are enrolled at the University and, in addition, 195 foreign nationals are affiliated with the University. The countries with the most representation on campus are Formosa, India, Canada and Korea. How did the foreign student program get its start? What about the exchange program? These and other questions will be answered in the April issue of the *Alumni News*.



ABOVE: Visitors from Los Angeles, Calif., who attended the reunion included Warren Dunnell '16BA (seated), Mrs. Dunnell and Warren Lindamood '23-27. **BELOW:** Enjoying the sun and a meal by the swimming pool are (left to right) Miss Katherine Sullivan, Mrs. Frank Flynn and Mr. Flynn '07LLB, Phoenix, and Mrs. M. J. Solon, Beverly Hills, Calif.

Northern Snows Swirl, But at Camelback . . .

More than 100 alumni and guests - 140 to be exact - attended the Third Annual Southwest Alumni Reunion which was held Jan. 7-11 at the Camelback Inn, Phoenix, Ariz.

The reunion - sponsored by the Valley of the Sun (Phoenix) Alumni Club - featured a get-acquainted reception on Jan. 7, an alumni dinner on Jan. 8 and a dinner dance Saturday, Jan. 9. Sunday and Monday were free days.

Ninety-one stayed at the Inn with 49 attending from the surrounding area.

A local host committee headed by H. Y. (Bert) Sprague, treasurer of the State of Arizona, and including the board of directors of the Valley of the Sun Club, was in charge of the arrangements and Sprague served as master of ceremonies for the alumni dinner, which was preceded by a social hour in host Jack Stewart's home.

Jim Gebhard '47BAE, president of the Valley of the Sun Club, welcomed guests.

Dates for next year's reunion will be Jan. 8-15, with the reception scheduled Jan. 12, dinner Jan. 13 and dinner dance Jan. 14.



RELAXING BY THE POOL was the order of the day for Dr. Joseph Bicek '19BS '20MB '21MD (left) and Stanford Bissell '27BA, Los Angeles. Below: Representatives from Iowa included (left to right) Arthur Barlow '23BA, Mrs. Barlow and their son, Jim, from Cedar Rapids, Mrs. Jack L. Zimmerman and Mr. Zimmerman '38-41.

Sand, Sun and Swimming Still Supreme



THE "LITTEST GOPHER" present was diminutive Judy Johnson, show below with her parents Dr. and Mrs. Harold C. Johnson (Dr.-'34BS '34MB '35MD), San Diego.



THE MIDWEST AND SOUTHWEST got together in this group of alumni. Pictured left to right are Laura L. Livermore '13BAEd, Mesa, Ariz.; Robert Victorine '47BA, St. Paul; Mrs. M. C. Smith, Mesa; Mrs. Charles Mehlum '40GN and Dr. Mehlum '40DDS, Phoenix.



Waldo Hardell SBA President

Waldo Hardell '26BSB, executive vice president of the Charles W. Sexton Insurance Co., Minneapolis, was elected president of the University School of Business Administration Alumni Association Jan. 5 at a meeting of the organization's officers and board of directors.

Other officers for the coming year are Albert H. Heimbach '42BBA,



Hardell

Heimbach and Magraw were elected to the board to serve until 1962 along with Mrs. Kathryn D. McGaw '30BBA.

On Jan. 28, new committee chairmen were elected at a board of directors meeting.

Chairmen for the coming year are Kenneth Glaser '42BBA, immediate past president, to remain on the committee for selecting a new dean for the department; Heimbach, coordinating board member representative for the Alumni Institute and Banquet; James V. Aldridge, '49BBA, Alumni-Student Leader Meeting; Mrs. McGaw, Faculty-Alumni Relations; Glaser, Endowment Committee; Mrs. Roberta J. Nelson '39BBA, New SBA Building Committee; Magraw, SBA Appropriations Committee; Donald J. Clarkin '52BS (Econ), Scholarship Service Fund Committee; Chester Hursh '37BBA, Membership; Walter S. Carpenter '46BBA, Honors; Miss Kreidberg, Orientation and Absorption; Carpenter, Exploratory Committee.

A committee headed by Hardell also was named to select a speaker for the annual meeting which is tentatively set for Nov. 16.

Mrs. Chope Elected SLA Alumni President

Mrs. Charlotte Winget Chope '27BA, member of the MAA Board of Directors, was elected president of the SLA and University College Alumni Association at the group's board meeting Jan. 21.



Mrs. Chope

Vice president for the coming year will be George (Chuck) Mohlke '56BA and Russell Gangestad '49BA '50MA will serve as secretary-treasurer.

New board members elected to four-year terms at the association's annual meeting in October are Mrs. Frances H. Naftalin '39BA, Elwood K. Maunder '45BA and Walter J. Spriggs '16BA.

The second annual meeting of the group has tentatively been set during SLA Week next October.

Pharmacists Plan May 26 Meeting

The second annual meeting of the College of Pharmacy Alumni Association has been set for Thursday, May 26, at the Nicollet Hotel in Minneapolis.

Kendall Macho '32BSPhm, past president, is general chairman of the program which will feature the 10, 25, 35 and 50-year classes.

The association also has made plans for a breakfast meeting to be held in conjunction with the state convention. It has been set for 7:45 a.m. Monday, May 2.

The next meeting of the board of directors will be held March 10.

Pittsburgh Club Hears C. I. T. Professor

Dr. T. L. Hilton of Carnegie Institute of Technology was guest speaker at a meeting of the Minnesota Alumni Club of Pittsburgh Feb. 12.

Dr. Hilton spoke on the Conant Report to members of the group.

The dinner meeting was held at the Pittsburgh-Hilton Hotel.

Nominations Close March 20 For Annual MAA Board Election

Theodore C. Blegen '12BA '15MA '25PhD, dean of the University's graduate school and a member of the MAA board of directors, has been named chairman of a five-member nominating committee for the annual spring MAA Board election.

Other members of the nominating committee are board member Otto A. Silha '40BA, vice president and business manager of the Minneapolis *Star and Tribune*; Albert H. Heimbach '42BBA, vice president of the School of Business Alumni Association and vice president of Farmers and Mechanics Savings Bank, Minneapolis; past MAA President Hibbert M. Hill '23BSCE, chief engineer for Northern States Power Co., Minneapolis; and past MAA President Wells J. Wright '36BSL '36LLB, Minneapolis attorney.

In addition to the nominating committee appointed by Wendell T. Burns '16BA, MAA president, the Association constitution and bylaws also provide for nomination by petition.

All petitions must be filed in writing with MAA ExSecy Ed Haislet on or before March 20 and must contain the names of not less than 25 current MAA members. The annual election will be held June 6.

The nominees will be announced in the April issue of the Alumni News and ballots will be printed in the April and May issues.

Veterinary Medical Alumni Elect Conway Rosell President

Conway Rosell '49BSVetMed '51DVM, White Bear Lake, Minn. veterinarian, was elected president of the University of Minnesota Veterinary Medical Alumni Association at its annual meeting Jan. 26.

Dr. Rosell succeeds Alex Bendickson '52BSVetMed '54DVM.

Other officers for the coming year are Gordon J. Kubesh '53BSVetMed

Harlan White Named Assistant to Director, Field Representative

Harlan B. "Whizzer" White '50BSEd has been appointed assistant to Edwin L. Haislet '31BSEd, executive secretary of the Minnesota Alumni Association and director of the University's department of Alumni Relations.

White, who succeeds James A. Daly '57BBA, will work as field representative, organizing and working with alumni clubs throughout Minnesota.

A veteran of the Naval Air Corps during World War II, White played on the University's basketball teams during the 1946-1947 and 1948 seasons. He is a member of the "M" Club.

Married, he is the father of four children. His home is in Hopkins, a Minneapolis suburb.



Wylle B. McNeal To Be Honored

Professor Emeritus Wylle B. McNeal will attend the meeting of the College of Agriculture, Forestry and Home Economics Alumni Association May 7 on the St. Paul Campus, which will be highlighted by the dedication of McNeal Hall in her honor.

The dedication will take place during the second annual dinner which will be held at 6 p.m. in the Main Ballroom of the new St. Paul Union.

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Dr. Rosell members, with terms expiring in 1963, are Robert W. Page '54DVM, Alexandria, Minn., and John F. Larson '52DVM, Breckenridge, Minn.

The meeting was held at the Hotel St. Paul in conjunction with the State Association of Veterinary Medicine convention.

Guest speaker was John Mariucci, Gopher hockey coach, who spoke on "Hockey at Minnesota." Dean W. T. S. Thorp spoke for the college and MAA ExSecy Ed Haislet '31BSEd spoke for the Alumni Association, commending the Veterinary Medical group for having the highest percentage of membership and for doing an outstanding job.

Oscar Miller Heads Morris Alumni Club

Oscar Miller '41MA, superintendent of the Morris, Minn., public schools, has been elected president of the Morris chapter of the Alumni Association.

Miller replaces E. J. LaFave Jr. '47BA, vice president of the Citizens Bank of Morris.

The Morris Charter Day Banquet was held Monday, Feb. 29 at the West Central School of Agriculture, in conjunction with the West Central Educational Development Association.



Arthur E. Raymond, Senior Engineering Vice President of Douglas, goes over a proposed lunar trajectory with Maxwell Hunter, Asst. Chief Engineer—Space Systems

Guided tour of the solar system

The new NASA Thor-boosted research rocket, DELTA, now in production at Douglas, will set up important signposts for further space explorations.

Combining elements already proved in space projects with an advanced radio-inertial guidance system developed by the Bell Telephone Laboratories of Western Electric Company, DELTA has the versatility and accuracy for a wide variety of satellite, lunar and solar missions. Douglas reliability rides with these 90 foot, three-stage rockets on every flight.

Douglas is now seeking qualified engineers, physicists, chemists and mathematicians for programs like ZEUS, DELTA, ALBM, GENIE, ANIP and others far into the future. For full information write to Mr. C. C. LaVene, Douglas Aircraft Company, Inc., Santa Monica, California, Section P.



MISSILE AND SPACE SYSTEMS ■ MILITARY AIRCRAFT
DC-8 JETLINERS ■ CARGO TRANSPORTS
AIRCRAFT ■ GROUND SUPPORT EQUIPMENT

IT Alumni Group Sets December Date

Edwin A. Willson '30BEE, president of the Institute of Technology Alumni Association, has announced that the 22nd annual meeting of the group will be held Thursday, Dec. 1.



Willson

The fourth annual Alumni Board - Faculty Stag was held Feb. 2 at the Normandy Hotel in Minneapolis.

Twenty-eight attended including 12 board members, 10 faculty members, four past presidents and two representatives from the MAA office.

Miss Barbara Damon Named Nursing Alumnae President

A dinner meeting for the School of Nursing Alumnae Association will be held at 6:30 p.m. Wednesday, April 27, at the Campus Club in Coffman Union, President Barbara Damon '53BA '56BSN has announced.

Miss Damon, who will serve a two-year term, was elected at the association's annual meeting in January.

St. Cloud Chapter Elects Frank Pickard

Frank Pickard Jr. '51BBA has been elected president and Mrs. Richard Megarry, secretary-treasurer, of the St. Cloud Chapter of the Minnesota Alumni Association.

New officers were elected Jan. 26 at the club's Charter Day Banquet. Guest speaker was Prof. John Turner of the political science department.



Miss Damon Krause Scott '58BSNurs, recording secretary.

Officers held over with terms expiring in 1961 are Phyllis Lee '48BS, first vice president; Kathryn Lindall '57BS, corresponding secretary; and Helen B. Hansen '55BSNurs, treasurer.

New board members elected, with terms expiring in 1963, are Nancy L. Cook '48GN '52BSNurs-Ed, Mrs. Doris Hall Jr. '47GN, and Frances M. Sullivan '52GN '55-NursEd.

Board members held over are Margaret Clipper '50BS, Mrs. Vivian Rowan '49BS '49GN, and Audrey Windemuth '39BS, expiring in 1961; Mrs. Shirley Jesberg '41BS '41GN, Muriel Opal '53BS, and Hannah Walseth '42BS, expiring in 1962.



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- Douglas Guddah '47MA
Watertown, S.D.
- M. P. Lijnsing '46BBA
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- G. V. Parker '57BMinE
El Salvador, Chile



... a hand in things to come

Shaping another sun

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For years, mammoth carbon and graphite electrodes have fired blazing electric furnaces to capture many of today's metals from their ores and to produce the finest steels. But, in addition to extreme heat, the carbon arc produces a dazzling light that rivals the sun. In motion picture projectors, its brilliant beam floods panoramic movie screens with every vivid detail from a film no larger than a postage stamp.

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... a hand
in things to come

Six Receive First Alumni Service Awards At Annual Alumni Honors Luncheon

Retiring President J. L. Morrill was honored last month on the University's birthday observance, Feb. 25, at annual Charter Day activities at the University.

A "Citation of Merit and Grateful Appreciation" was presented President Morrill by Wendell T. Burns '16BA, MAA president, at the Alumni Honors Luncheon, which was attended by more than 300 guests.

In addition, the Association presented him with the first official Minnesota tie-clasp and cuff-link set, a set of golf clubs and a camera.

The luncheon was preceded by the Charter Day Convocation in Northrop Memorial Auditorium which featured a commemorative drama of President Morrill's 15 years at the University.

During the luncheon six alumni who have made outstanding contributions to the efforts of the University and the Alumni Association were presented with the Alumni Service Award. It is the first time the award has been presented.

Recipients were George L. Faber '16-17, Chicago area representative for King Midas Mills; Louis Gross '25LLB, Minneapolis attorney and chairman of the Greater University Fund; Sigurd Hagen '15BA, Cheshire, Conn., retired insurance agent; Francis (Pug) Lund '31-35, Minneapolis insurance man and former University All-American football player; Ben W. Palmer '11BA '13LLB '14MA, Minneapolis attorney; and Clifford C. Sommer '32BBA, president of Security National Bank and Trust Co., Owatonna, Minn.

The award is given in recognition of service to the University, its schools, colleges, departments or faculty or to the MAA.



Faber



Gross



Hagen



Lund



Palmer



Sommer

Charter Day Speakers Named

Charter Day speakers at alumni clubs throughout the state have been announced by Harlan B. White, field representative.

Speakers, the department they represent, and the date of appearance at the clubs are as follows:

Prof. Rudolph Hermann, aeronautical engineering, New Ulm, Jan. 20; Prof. John Turner, political science, St. Cloud, Jan. 26; Dr. Ernest Brown, medicine, International Falls, Feb. 4; John D. Akerman, director of Rosemountnu man, director of Rosemount Aeronautical Laboratory, Thief River Falls, Feb. 10; Professor Stanley

William Gacke Heads California Club

William Gacke '34BA was elected president and Robert W. Parmele '47BBA vice president of the Minnesota Alumni Club of Northern California at its annual meeting in San Francisco Jan. 15.

Joel Krogstad '29BBA was elected treasurer and Robert A. Bennighof '49BArch, secretary. Directors are Calvin Probst '51BA and L. J. Christianson.

MAA ExSecy Ed Haislet was guest speaker at the meeting which was held at Sabella's on Fisherman's Wharf. He presented a brief historical outline of the growth of the University and discussed future expansion plans.

Members of the club approved the allocation of \$1,000 from the Minnesota Alumni Club of Northern California Trust Foundation to be used for four projects at the University. They are the Dr. Owen Wangenstein Surgical Research Fund, Wesley E. Peik Teacher Education Fund, Wilbur H. Cherry Memorial Fund and freshman scholarships.

The four projects were chosen by the group to receive the first donation from the Trust Foundation.

V. Kinyon, law, Detroit Lakes, Feb. 18; Prof. Werner Levi, political science, Alexandria, Feb. 19; Prof. William Cochrane, agricultural economics, Redwood Falls, Feb. 22;

Prof. Gordon Mork, education, Wheaton, Feb. 22; Prof. Paul Oberg, music, Morris, Feb. 23; Prof. W. S. Howell, speech, Coleraine, Feb. 29; Dean William Lockhart, law, Austin, Feb. 29; Prof. William Kubicek, physical medicine, Madison, Feb. 29; Dean T. H. Fenske, institute of agriculture, Morris, Feb. 29; W. J. Breckenridge, museum director, Rochester, March 9; Prof. Harold Deutsch, history, Wadena, March 21; Prof. S. O. Berg, agricultural economics, Pipestone, March 31.

Minnesota Engineers IRE Week Luncheon Scheduled March 23

The annual Institute of Radio Engineers Week luncheon meeting of Minnesota Engineers will be held at noon Wednesday, March 23, at New York city's Jansen's Restaurant, 430 Lexington Avenue.

The meeting is held annually for Minnesota engineers during the week of the IRE National Convention in New York. At previous luncheons Minnesota engineers have enjoyed meeting old friends from the University and meeting engineering alumni who may be in the New York area during IRE Week.

Erick B. Berglund '27BSEE, Garden City, N.Y., is secretary for the group and reservations should be made through him at NBC, 30 Rockefeller Plaza, New York, N.Y., Room 515-W. His phone number is CIrcle 7-8300.

Dr. Sheldon Lagaard Heads Medical Alumni

Sheldon M. Lagaard '41BS '43MB '43MD, newly-elected president of the Medical Alumni Association, has announced that the annual Senior Luncheon will be held Thursday, May 5, in the Main Ballroom of Coffman Memorial Union.

Dr. Lagaard was elected Friday, Jan. 29, at a meeting of the organization's board of directors.

Other officers for the coming year will be Charles J. Beck '40MB '41MD, first vice president; Neil M. Palm '48BS(Md) '50MB '51MD, second vice president; James C. Mankey '43MB '43MD, secretary; and Robert H. Monahan '40BS '42MB '43MD, treasurer.



Class of 1910 Sets Reunion

Theodore Thomson '10LLB, 1910 Class president, has been named chairman of the 50th Reunion Committee of that class.

The reunion will be held Thursday, May 19, in conjunction with the annual Cap and Gown Day exercises.

Secretary of the committee, which was formed Feb. 16 at an organizational meeting at the University, is Mrs. Lucile Dooley.

Dentistry Alumni Group Sets Annual Meeting, Names Committees

An executive committee meeting of the School of Dentistry Alumni Association will be held at 11 a.m. Saturday, March 12, in the Campus Club, William J. Yock '30DDS, president of the group, has announced.

At a Jan. 16 meeting, plans were outlined for the annual meeting which has been set for Friday, Nov. 4, preceding the Iowa football game. James Little '43DDS is chairman of the program committee.



Dr. Yock

Tentative plans call for registration and a board meeting from 8:30-9:30 a.m., a program from 9:30 until noon, luncheon from noon until 1:30 p.m. and an afternoon program from 2-5.

Committee chairmen and members for the coming year also have been named. Chairmen and their committees are R. L. Dunton '42DDS, Honors; Dr. Little, Program and Liaison Committee with the Minnesota State Dental Association; David Pink '19DDS, Scholarship; and Joe M. Pike '33DDS, Student Relations. The Dental Publications Committee has been disbanded.

EXPLORER VI IS A SPACE LABORATORY NOW ORBITING THE EARTH



Space Technology Laboratories carried out the Able III program which put Explorer VI in space...one of a series of advanced scientific experiments conducted by STL in conjunction with the Air Force on behalf of NASA.

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Students, Alumni, Faculty, Friends

Launch UMD Stadium Fund Drive

A student kick-off rally for the drive to raise \$180,000 to build a 4,000-seat, all-steel football stadium on the new Duluth campus was held Feb. 8.

The more than 600 freshmen salesmen set a goal of \$4,000 to be raised among students and campus organizations.

The faculty and staff drive at UMD was kicked-off Feb. 15 and the UMD alumni and friends of the University campaign began on Feb. 22.

Working committee chairman Robert Murray '52UMD, Duluth, reports he will soon announce a list of 25 district captains who will aid in the alumni campaign throughout northeastern Minnesota. Stadium advisory committee co-chairmen Glen Weld and Robert S. Mars Jr., both of Duluth, are bringing up to date lists of donor prospects and making final organization plans.

The final goal, originally set at \$100,000, was set at \$180,000 following new cost estimates which were presented by Robert W. Bridges, principal engineer at UMD, last month.

Bridges said it will cost about \$108,000 for 3,600 seats which is close to the original \$100,000 goal. But in order to have a modern, completely equipped stadium, "which we can be proud of," Bridges said further items should be included.

Toilets and concession stands

with their utilities will cost \$49,000; primary electric service to the stadium, \$15,000; and sewer and water connections to the stadium, \$2,300. Bridges says this brings the total to \$174,000.

University engineers in Minneapolis agreed that enough savings probably could be achieved to add another 400 seats so that UMD could have a five-ramp stadium with 4,000 seats for an estimated \$180,000, including a 40-foot long press box.

Mortuary Science Board Plans March 7 Meeting

Officers for the coming year will be elected by the Mortuary Science Alumni Association at a meeting of the group's board of directors at noon March 7 in Room 355, Coffman Union.

Other major business will be the preparation of preliminary plans for the association's annual meeting.

Dorsey Law Scholarship Fund Established Here

The University of Minnesota has received some \$7,000 from friends of the late James E. Dorsey '10BA, Minneapolis attorney, for establishment of a memorial fund to be known as the James E. Dorsey Law Scholarship fund.

The fund will be kept intact as a permanent memorial to Dorsey and its income will be used to aid promising young law students in need of financial assistance. The amount and number of scholarships has not been determined.

Until his accidental death while on a hunting trip last fall, Dorsey was a senior partner in the Minneapolis law firm of Dorsey, Owen, Scott, Barber and Marquart.

Additional contributions to the fund are being accepted through the Greater University Fund.

Greeks Commended For Work Project

University fraternity and sorority members have been commended by Dr. John H. Reitmann, superintendent of Hastings, Minn., State Hospital, for service rendered to the hospital in January.

More than 130 Greeks, as the kickoff of Greek Week, donated an afternoon's work at the hospital "which amounted to more than 60 days of work" according to Dr. Reitmann.

The work project was sponsored by the Interfraternity and Panhellenic Councils.

University Named To Share Estate Of William Stout

The University of Minnesota is one of 12 colleges and universities named to share in the \$5,915,937 estate of the late San Francisco lumberman William W. Stout, son of the founder of Stout State College, Menomonie, Wis.

The University has received a preliminary grant of \$157,500 to be held in trust to provide scholarships for "worthy" students. The final accounting of the Stout estate has not yet been filed, and it is possible, according to the estate lawyers, that an additional grant may be allocated to the selected schools.

In his will, Stout, son of James Stout, former Wisconsin state senator and University of Wisconsin vice president and regent, provided that the presidents of the University of California and Stanford University should designate "not less than eight nor more than 15" tax-free colleges and universities as beneficiaries. Resulting annual scholarships, he suggested as a guide, might well be in the amount of \$2,500.

He also specified that the University of California and Stanford each should receive one-eighth of the available funds.

Correction

In the February issue of the *Alumni News* it was incorrectly stated that President-elect O. Meredith Wilson graduated from Utah's Brigham Young University in 1934 with Phi Beta Kappa honors.

Dr. Wilson received Phi Beta Kappa honors at the University of California where he received his PhD in 1943.

Two Alumni Appointed Deans



Richard C. Maxwell

Three University of Minnesota Law School graduates are deans of major law schools in California, according to Dean William B. Lockhart, dean of the Minnesota school.

Most recent appointment was that of Richard C. Maxwell '41BSL '47LLB as dean of the University of California School of Law at Los Angeles. He had been acting dean from 1958. Maxwell was president of the Minnesota Law Review, a student publication, in 1945-46.

William Lloyd Prosser '28LLB has been dean of the University of California School of Law at Berkeley since 1948 and Robert Kingsley '23BA '23MA '26LLB was appointed dean of the University of Southern California School of Law, Los Angeles, in 1952.

Variety Club Receives University Regents Award

The University of Minnesota Regents Award was presented to the Variety Club of the Northwest at a dinner Jan. 19 at the University.

The Variety Club was honored for its contribution to the building and development of the University's Variety Club Heart Hospital which opened in 1951. It was the eighth Regents Award, which was first presented in 1957.

Dr. Richard L. Varco, professor of surgery, presented a talk and



Allen I. White

The appointment of Allen I. White '37BSPHm '38MS '48PhD as dean of the Washington State University's pharmacy school at Pullman was announced recently by WSE President C. Clement French.

White, 45, who assumed the deanship Feb. 1, joined the WSU faculty in 1940 as an instructor.

His promotion brings to five the total of University of Minnesota College of Pharmacy Alumni who are now college deans. Others are Edward A. Brecht '33BSPHm '34MS '39PhD, University of North Carolina; Chauncey I. Cooper '27PhmC '34BSPHm '35MS, Howard University; Heber W. Youngken '40MS '42PhD, University of Rhode Island; and Curtis H. Waldon '35BSPHm '37MS '41PhD, University of Colorado.

slides on the application of advances in cardiac research to surgery and Dr. Robert A. Good, American Legion heart research professor and University pediatrics professor, spoke on the Variety Club's contribution to the community.

The Regents Award is presented to individuals or organizations which contribute to the building and development of the University through significant benefactions, or who have performed exceptionally valuable and meritorious service to the University.

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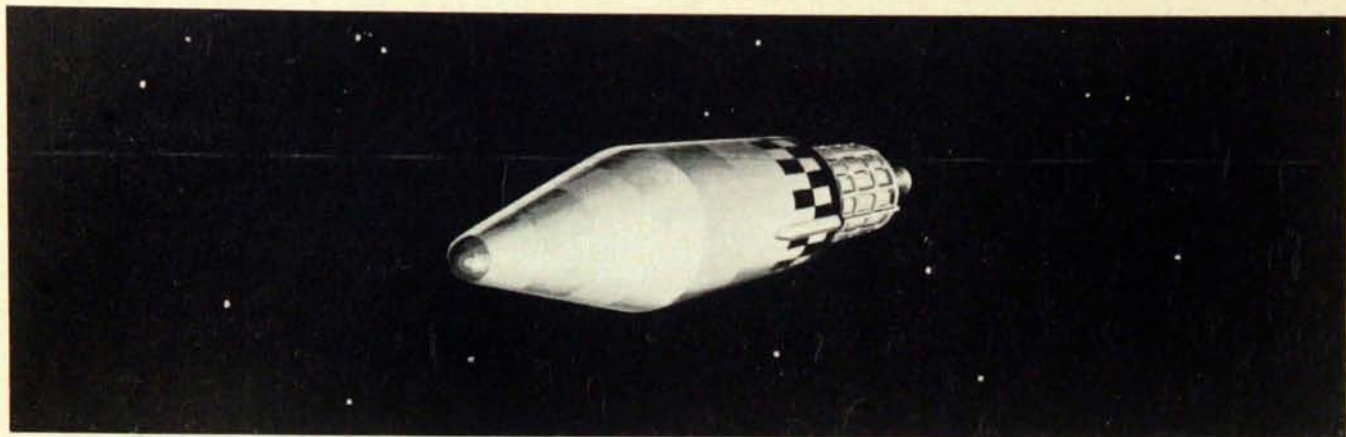
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The Real Mac Guf

by Robert Provost
Director, Greater University Fund

Reference is frequently made to the financial problems encountered by students attending the University of Minnesota. Although we have made progress in expanding the total student financial aid program of the University over the past ten years, there is considerable room for improvement.

In any analysis of our needs for gifts and grants, student financial aids have top priority. Within the total student financial framework, two pressure points appear. They are the freshman scholarship problem of meeting the ever-increasing demands of qualified Minnesota high school graduates for assistance on the basis of ability and need, and the need for graduate fellowships to encourage capable students to continue their education and to enable many PhD candidates to complete the last lap of their education race.

What is the justification for student financial aid? Are they necessary? The evidence of the value of student financial aid is the success story, academically speaking, of recipients. In conducting studies on past scholarship, loan, and fellowship recipients, it is most encouraging to note the splendid records of achievement. We recently completed a review of past recipients of the ALCOA Foundation Scholarship program. It represented the type of success story that you would hope to write if you were stating the case for scholarship assistance at the University of Minnesota.

"If Proof of the Pudding Is In the Eating" our University's use of existing student financial aids must be effective.

The Greater University Fund would be remiss in not complimenting the Bureau of Student Loans & Scholarships and the Graduate School (Dean Blegen, please take another bow) for their tremendous job in administering student financial aids.



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with higher education, anyone who understands higher education, could not help but wonder what in the world all this has to do with a University or with higher education. How possibly can an institution of higher education—or a group of institutions, justify their participation in such an event? To contract with a corporation, the purpose of which is to make money and to furnish entertainment, is gross commercialism at its worst. Any educational experience that accrues, believe me, is incidental and accidental, and in spite of. Then the tremendous pressures created to win, not the conference championship, but to go to the Rose Bowl, places even greater emphasis on all the evils of modern football practices, those very things that have taken the game out of football and made it strictly big business and entertainment. While the vote of the faculty of the University of Minnesota through its Senate is perhaps not understood by many alumni, nevertheless, it was the right vote—and the only way as educators they could possibly vote. I feel certain when you read the arguments for and against the Rose Bowl that you, too, would vote against the Rose Bowl.

Sincerely,

Ed Huslet

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WALTER BIETILA— a crack skier who jumped into a secure lifetime career!

Former Olympic skier Walter Bietila's ability to make friends and his keen competitive spirit have paid off handsomely for him. In his very first year as a New York Life representative, he ranked first in paid-for-policy sales in his area. This was followed by even greater results that earned him membership in the select Million Dollar Round Table in '58. He is now working for his Chartered Life Underwriter degree as a means of further improving his professional service to clients, and an already substantial income.

Walter Bietila, like many other college alumni, is well established as a New York Life representative. In business for himself, his own talents and ambitions are the only limitations on his future income. Additionally, he has the personal satisfaction of helping others. If you or someone you know would like more information on such a career with one of the world's leading life insurance companies, write:



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New York Life
representative at
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Military: U.S. Navy (Air Corps),
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Around and About With the Alumni

'09

Samuel L. Hoyt '09EM, consultant in metallurgy, is in Europe for a year with headquarters at Frankfurt, Germany, on a special assignment for the Department of Defense. *Mrs. Hoyt (Edith Sage '11BA)*, who is with her husband, has been lecturing in Stockholm and Malmo, Sweden; Paris, Berlin, Frankfurt and London and in April will again take a group of Americans to the Bible lands on an Ambassador tour.

'10

Harriet Clark Skofield '10BAEd now is living in Gainesville, Fla., following her retirement from the University of Florida where she served as librarian from 1916 until 1958.

'11

Farrington Daniels '10BSChem '11MS, Outstanding Achievement Award Winner and emeritus professor of chemistry and chairman of the department at the University of Wisconsin, spoke at an Oberlin College Assembly in January.

'18

Allan G. Newhall '18BS, specialist in vegetable diseases of the U.S. and other countries, retired Jan. 1 from the plant pathology department of the New York State College of Agriculture at Cornell.

'21

A. D. Owen '21LLB retired Jan. 1 as claim manager of the West Coast Claim Department of the Zurich-American Insurance Companies.

'23

Harold G. Reineke '22MB '23MD was named president-elect of the American Roentgen Ray Society. He is professor of clinical radiology at the University of Cincinnati Medical School.

'26

Brig. Gen. Robert Miller '26DDS, Appleton, Minn., dentist, took over command of the Minnesota National Guard 47th "Viking" Infantry Division Jan. 15.

'28

C. J. VanSlyke '27BS '27MB '28MD recently retired as deputy director of the National Institute of Health, U.S. Department of Health, Education, and Welfare. He received the University's Outstanding Achievement Award in 1952.

'30

John A. Moorhead '30BA, treasurer of the MAA and president of Northwestern National Bank of Minneapolis, has been elected to the board of directors of Northwestern National Life Insurance Co., Minneapolis. He succeeds *Edgar F. Zelle* '13BA, president of Wisconsin Central Railroad, Minneapolis.

'32

Edward Rundquist '32PhD recently became head of the system training operations department of System Development Corp., Santa Monica, Calif.

'33

Fred R. Bruce '33BBA, for 22 years with the Greyhound Corporation headquarters office in Chicago, has been named secretary for the Western Society of Engineers.

'37

A. Gordon Custer '37BCE has been promoted to manager of DuPont's Washington Works. He had been assistant plant manager since last year.

H. Robert Diercks '37BA has become a board member of Cargill, Inc. Diercks, who joined the Minneapolis company in 1937, has been vice president in charge of the grain division since 1945.

Wallace D. Armstrong '32PhD '37MD, head of the University's physiological chemistry department, is spending a six-month sabbatical leave in the Scandinavian countries and England, Belgium, Germany and Hungary where he will carry on research and consult with workers in the field of calcification of tissues.

Hugh B. Gage '37BChE has been named manager of the eastern sales district for the sale of DuPont's "Dycril" photopolymer printing plates. In charge of field testing the photopolymer plates since 1958, his headquarters will be in Pennsylvania.

'38

Raymond W. Sundquist '38MetE has been named assistant general superintendent in charge of coke, iron and steel production at the Gary Steel Works, Gary, Ind. He has been with the firm since 1938.

Robert J. Sailstad '37BS '38MA, assistant to the president at Davidson College, recently was cited as a pioneer in continuous development in higher education. Before joining Davidson in 1956, Sailstad was director of development at Sweetbriar College and public relations director of the Methodist College Foundation of North Carolina. He also has done college publicity and public relations work at Stephens College.

'39

O. C. McCreery '22BA(For) '39PhD, manager of personnel relations for the Aluminum Company of America, has been named assistant to the president effective Jan. 1. Former assistant dean of students at the University of Minnesota, he joined Alcoa in 1944. He is past president of the Pittsburgh chapter of the MAA.



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Janet Hart Widseth '39BS(HE), MAA secretary, has been named to the Minneapolis Civil Service Commission. City council confirmation was made last month.

Robert E. Stevenson '39BBA has been named assistant controller of the Carter Oil Co., Tulsa, Okla. He had been departmental administration head in the comptroller's department in the New York City headquarters office of Standard Oil Co.

Erwin J. Wamhoff '39BS has received the Distinguished Service Award from the National Association of County Agricultural Agents. He has specialized in 4-H work and general extension education since taking his first position in 1939 as 4-H agent in Minnesota.

'40

Robert M. Grogan '36MA '40PhD has become manager of a newly-formed geology division in DuPont Company's Development Department. He joined DuPont in 1951 after having been a geologist for the Illinois State Geological Survey and a consultant to the Armour Research Foundation and other organizations.

'41

James H. Binger '41LLB, vice president of Minneapolis Honeywell Regulator Co., has been elected to the board of directors. He has been with Honeywell since 1941.

R. L. Nelson '38BA '41LLB has become claim manager of the West Coast Claim Department of Zurich-American Insurance Companies, with headquarters in San Francisco.

'42

L. Keith Coad '42PhD has joined the technical staff of Minnesota Mining and Manufacturing Co. as a mathematical and statistical analyst.

Warren P. Richard '42BME, military sales engineer, is joining the staff of Pratt & Whitney Aircraft's Florida Research and Development Center. He will serve as representative of the company's sales department, Connecticut Operations.

William L. Dunsworth '42BSEd has been appointed business manager of Alaska Methodist University, Anchorage. Construction got underway last spring on the first building and the university is expected to be open by 1960.

'43

William M. Cashin '43BSChE has been named manager of the Materials Development Operation of the Knolls Atomic Power Laboratory, Schenectady, N. Y. It is operated by General Electric for the Atomic Energy Commission.

Mabel Korsell '43BSNEd, professor of nursing and director of baccalaureate programs at Emory University school of nursing, has been named acting dean.

Paul C. Constant Jr. '43BEE, senior engineer at Midwest Research Institute, has been appointed to the National Electronic Computers Committee of the Institute of Radio Engineers. Last year he was general chairman of the Mid-America Electronics Conference and is past chairman of the Kansas City Section of the I.R.E.



'44

Earl R. Linne '44BEE has been appointed communications systems specialist with the General Electric Special Programs Section in Philadelphia. The section recently was organized within the company's defense systems department to meet prime and support systems needs of the U.S. Army.

'46

Rev. L. David Brown '46BS was elected youth director of the two-million member Lutheran church to be formed next April when American, Evangelical and United Evangelical Lutheran churches merge.

'47

V. Arthur Koivumaki '47BSEd, public relations director for the Minnesota Education Association from August, 1956, to August, 1959, is now teaching speech at Bloomington Senior High School, Bloomington, Minn. He is a member of the College of Education Alumni Association Convention Committee.

Leonard William Holden '44BS '47MA recently was appointed assistant principal of Mason junior high school in Tacoma, Wash.

Maj. Mercedes M. Fischer '47BSPHN was appointed to the office of the Army Surgeon General where she will head the health nursing branch of the preventive medicine division.

'48

Lloyd G. Dewey '48MS recently was commissioned as a missionary of the Methodist church. *Mrs. Dewey '50BS(HE)*, who was commissioned at the same time as her husband, will accompany him to Southern Rhodesia where they will do educational work.

'49

Owen K. Hallberg '49BS, vice president of the Alumni Association of the College of Agriculture, Forestry and Home Economics, has become general manager of the Dried Milk Products Co-operative, Eau Claire, Wis.



PHILIP W. SCHULTE '35BA, former Twin Cities newspaperman, is pictured receiving the Civil Service Commission's gold-medal award for distinguished and outstanding service from CSC Chairman Roger W. Jones at the Commission's 77th anniversary awards ceremony in Washington, D.C. Assisting the chairman (left) is Warren B. Irons, executive director of the Commission. Schulte has been the Commission's public information officer since 1952.

'50

Wayne H. Hanson '50MS, agricultural agent in Houston County, Minn., since 1944, has been named southeast district supervisor for the University of Minnesota Agricultural Extension Service, starting April 16.

Raymond J. Madsen '49BS '50MA has been appointed general agent in Seattle, Wash., for the Capitol Life Insurance Co. of Denver.

Dr. John A. Culligan '50MD received the E. Starr Judd award of the Mayo Association for the best thesis in surgical research. He is a former fellow in surgery at the Mayo Foundation.

'51

Curtis M. Wilson '48BSAg '51MS and Mrs. Wilson (Janice McGladrey) '52BSNurs now are living in Urbana, Ill., where Wilson is in the Agriculture Research Service, U.S. Department of Agriculture, and is working at the University of Illinois.

C. Walton Lillehei '39BS '41MB '42MD '51MS '51PhD, University of Minnesota heart surgeon, recently presented a series of lectures on open heart surgery at medical centers in England and Germany.

Arthur L. Eide '51BPhm was named secretary of the Minnesota Board of Pharmacy. Since 1955 he has operated a drugstore in Babbitt, Minn.

'52

Robert C. Becker '51BA '52MA, director of training at the Davenport works of Aluminum Company of America, will transfer to the personnel relations staff in the Pittsburgh Alcoa offices.

Dr. Harley C. Carlson '52MD, a fellow in roentgenology in the Mayo Foundation, recently received the Russell D. Carman Fellowship award.

Herbert M. Jelley '52MSED returned to the University of Cincinnati's faculty after two years at Arizona State University. He is an assistant professor of business education.

Dr. Donald W. Klass '52MD was appointed to the staff of Mayo Clinic as a consultant in physiology. He recently completed a fellowship in neurology and psychiatry in the Foundation.

'53

Rena Ethel Boyle '42BS '46MA '53PhD, nurse consultant with the Public Health Service's Division of Nursing Resources, was one of four international experts on research who conducted an international seminar in Delhi, India, last month. The purpose of the seminar was to show nurses throughout the world how research techniques can be used to study problems in nursing. She received the Outstanding Achievement Award last year.

'54



John M. Rasche '54BA has been appointed missionary to Japan by the Board of International Missions of the Evangelical and Reformed Church.

'55

Peter E. Throckmorton '48BChE '55MS has been appointed associate chemist at Midwest Research Institute, Kansas City, Mo.

David T. Lykken '49BA '52MA '55PhD, University assistant professor of clinical psychology, has been awarded a fellowship at the Center for Advanced Study in the Behavioral Sciences at Stanford.

'22

Nancy R. Adams '56MA arrived in Beirut, Lebanon, recently, where she will teach in a Beirut college while completing her doctoral dissertation.

'57

David C. Burgeson '57BSME has been assigned as a service engineer to The Babcock and Wilson Company's Chicago district service office. He has been with the firm since his graduation at Alliance, O., Barberton, O., and Chicago.

Second Lt. Lois J. Proctor '57BA has recently been assigned to the Air Force Flight Test Center, Edwards Air Force Base, California. Prior to joining the Air Force she was employed by Aetna Insurance Co. in California.

'58

Maldon J. Laitinen '58BME has been assigned as an assistant engineer to the core engineering group of Allis-Chalmers nuclear power department in Milwaukee.

Chi Chang '58PhD has joined the technical staff of Minnesota Mining and Manufacturing Co. in St. Paul as a research chemist.

'59

Ellsworth G. Johnson '59BA(UMD), Duluth, has been named district Scout executive of Black Hills Area Council, Rapid City, S.D.

Virginia Kremer '58-59 joined the faculty of Depauw University as an instructor in the school of nursing. She was a senior staff nurse for the Indianapolis Visiting Nurse Association.

Edward W. Berndt '59PhD has joined the research staff of Dr. Salsbury's Laboratories in the organic chemistry department. Dr. Salsbury's Laboratories is a poultry and animal health product firm at Charles City, Ia. Before studying for his doctorate, he did research for industry for several years.

Thomas J. Evensen '59PhD has joined the technical staff of Minnesota Mining and Manufacturing Co. as a senior chemist in the duplicating products laboratory.



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An 88-year-old Minnesota alumna who is interested in "keeping up with the marvelous changes in America" is taking a graduate course in home economics at Oregon State College.

She is Mrs. Winifred Case Knapp, now of Corvallis, who in 1920 was the first woman ever to receive a master's degree in home economics from the University.

The course she is taking at Oregon State College is "Recent Advances in Foods" and she later plans to take some work in weaving. She has a small loom in her apartment and she makes some of her own dresses and jackets. She earlier took some classwork in weaving in 1953.

Mrs. Knapp uses a cane to help get around the campus but is regularly among the first students to arrive in the classroom each Monday, Wednesday and Saturday at 9 a.m. "Promptness" was one of the things "my father insisted on," she says.

Mrs. Knapp was born in Wisconsin, taught for one year in grade school following graduation from high school, and then entered the University of Wisconsin, graduating with a major in philosophy in 1894. One of her college classes, she recalls, was in wood shop work. Mule-drawn street cars carried the students to the campus.

The "college spirit" has never left the 88-year-old student. In June, Mrs. Knapp returned to Wisconsin for the 65th anniversary of her class. She was the only graduate present of the Class of 1894. One of five daughters from the Case family was enrolled at Wisconsin every year for 21 straight years, she proudly recalls.

After graduation from college, Mrs. Knapp taught elementary school for three years before being married. She and her husband—they had no children—lived on a farm off and on in Minnesota for many years.

Taking her responsibilities for cooking meals for farm crews seriously, Mrs. Knapp decided she needed some more formal training in nutrition. She went to Iowa State



MRS. WINIFRED CASE KNAPP '20MS, 88, continues her studies at Oregon State College in order to "keep up with the marvelous changes in America. Mrs. Knapp was the first woman ever to receive a master's degree in home economics from the University.

88 Years Young and Still Going Strong

College for special work one semester.

Later, when her husband was transferred to Minneapolis while working on a state geologic survey, she started her graduate study in home economics and became the first master's degree graduate.

The Knapps went to Corvallis in 1947 to take care of her sister's place for a few months and Mr. Knapp died only a few months after their arrival.

Mrs. Knapp says she feels as though she has known three centuries of America. She remembers well her great-grandmother who provided insight in the 1700's and the 1800's before she was born.

"It's marvelous what wonderful changes have taken place," she comments.

Mrs. Knapp has a lively interest in history. When she was in Wisconsin last year, she took part in the dedication of a marker that was erected on the site of a steam sawmill built in 1855 by her grandfather.

Deaths

Grads Before 1900

Esther Friedlander '92BA '93MA December 22 in Minneapolis. She was the second woman to receive a master's degree at the University. Before her retirement in 1937 she had taught in Minnesota for 40 years, spending 32 years teaching Latin at South high school in Minneapolis.

Margaret I. Sliney '98BL on Jan. 8 in St. Paul. She had taught mathematics in the St. Paul school system for 46 years.

Miss Louise Mott '99-00 several years ago.

Sam Randolph Houlton '97FS '00BAg '01BS, president of the First National Bank of Elk River, Minn., on Dec. 13. He had been a dairy farmer for 60 years and for 27 years was a director for the Twin City Milk Producers' Association.

Michael B. Hurley '01LLB, 80, former Pine County, Minn., attorney and probate judge, on January 18 after a long illness. He had retired from the bench in 1956.

Charles E. Buckbee '97-98 '00-01, 81, in Tucson, Ariz., Feb. 8. He was co-owner and chairman of the board of the Buckbee-Mears Photo Engraving Co. of St. Paul.

Edward F. Humphrey '03BA, 81, Feb. 6 at his home in Hartford, Conn. He was professor emeritus of history and political science at Trinity College.

Deaths

John E. Hynes '00PhmC '04MD, veteran Minneapolis physician, Dec. 9. He had practiced in Minneapolis for over 54 years and was chief of staff at St. Mary's Hospital.

Dr. Charles Nelson

Dr. Charles Nelson '05DDS, 78, Fergus Falls, Minn., dentist for almost 55 years, passed away last January.

Recipient of the University's Outstanding Achievement Award in 1951, he was known in his community for his long service as a dentist and an active participant in civic affairs.

He held office in many professional groups and in 1937 was named a Fellow of the American College of Dentists in recognition of his service to the profession. The following year he was named the Minnesota State Dental Convention's "honored guest."

Horace Cole Rawson '06ME, an architectural engineer in the post office department, in Bethesda, Md.

A. C. Lindberg '08MD, 81, in January. He practiced general medicine in North Branch, Minn., until 1919 when he took postgraduate training in eye, ear, nose and throat diseases. In 1921 he opened his Minneapolis practice from which he retired last year.

A. M. Locke '08BMinE recently in Long Beach, Calif.

Tolbert Watson '08MD recently in California. He was an associate member of the American Medical Association.

Henry Amos Rudesill '07-'09, former internal revenue agent, Jan. 4 in Minneapolis. He died five hours before his wife's funeral took place.

Donald Sherman Dodge '09 last November in St. Paul.

R. M. Davies '09BEE January 5 in Fort Lauderdale, Fla.

Kora Ellis Rudesill '07-'10, Dec. 31 in Minneapolis. She began teaching in the Wisconsin school system at the age of 15 and later graduated from River Falls State Teachers College.

H. M. Berry '10LLB recently in Seattle, Wash.

J. A. Maker '10DDS recently in Duluth.

Gerhard Dietrichson '09BA '10BS recently in Boston, Mass.

R. P. Burrows '11BEE recently.

George S. Wyckoff '12BA, 73, Dec. 27 in St. Paul. After graduation from the University he became superintendent of playgrounds in St. Paul and in 1922 became the chief Boy Scout executive for the Minneapolis area. He retired in 1947 to join the Hennepin County probation department.

Kenneth Moore Fullerton '08-'12, architect and designer, on Jan. 21 in California. He had been an architect in St. Paul since 1921.

Paul J. Preston '13MD, former chief of medical staff at Asbury Hospital, Minneapolis, Jan. 3. He was team physician for the Minneapolis Millers for 20 years. Last April he was presented with a lifetime American Association pass by the league president.

R. A. Seavey '13DDS recently in Winslow, Wash.

Edward Cooperman '14DDS Dec. 12 after a long illness in Minneapolis.

K. C. Wold '14MD recently in White Bear, Minn.

M. O. Donnell '15LLB recently.

S. C. Lueben '15DDS recently in Kerkhoven, Minn.

Henry George Zavoral '15BSAg, former extension livestock specialist and swine authority at the University, of a cerebral thrombosis on Jan. 8 in St. Paul. He had retired last February after 37 years on the University staff.

August Neubauer '17BSAg last November. He was secretary of the Virginia, Minn., Alumni Club.

J. O. Rice '20AMS recently in Minneapolis.

Victor Lewitus '22BSAg recently in New York.

C. T. Barker '22EM recently in Knoxville, Tenn.

Mrs. C. P. Van Schaack '23PhD recently.

B. G. Levin '24MD recently in New York.

Mrs. A. R. Pauline '24GN recently in Helena, Mont.

C. Vernon Hultgren '25DDS, Dec. 25 in Minneapolis.

L. W. Anderson '25BEE recently in Lyndon, Ky.

R. G. Cargill, Jr. '26BA recently in Minneapolis.

Dr. Albert M. Snell

Dr. Albert M. Snell '16BS '18MB '27MS, 63, passed away Feb. 6 in Palo Alto, Calif. He was a holder of the University's Outstanding Achievement Award which he received in 1951.

From 1929-50 he was professor of medicine at the Mayo Foundation Graduate School and since 1950 had been a clinical professor of medicine at the University of California and senior internist at the Palo Alto Clinic.

He was internationally acclaimed for his research in gastroenterology and was the author of two books and about 180 articles on medical subjects.

Miss R. C. Gregor '27BSEd recently in New York.

Isaac J. Wilson '27BSEd on Jan. 11.

Harry Betzer Gough '28MA, superintendent of St. Cloud schools for 28 years, Dec. 13. He had retired two years ago after 50 years in education. He was honored by the Minneapolis *Star Journal* in 1947 for youth leadership in the state and by Hamline University in 1954 for service in the field of education and church.

Maude M. Gerdes '27BA '29BS '29MB '30MD, former staff member at the University hospitals, after a short illness, on Dec. 27 in Miles City, Mont. A specialist in obstetrics, she had practiced medicine in Minnesota and Montana and was associated with the U.S. Public Health Service. She was an adopted daughter of the Black Foot Indian Tribe of Montana and was given the name "Snow Bird Woman." Her extensive collection of Indian artifacts is displayed in Billings.

W. P. Gaynor '31BSEd recently in Houghton, Mich.

Miss M. L. Martin '31BSEd recently in Minneapolis.

Malcolm E. Hoffman '30BSMed '30MB '32MD, 55, Jan. 24 in Tijuana, Mexico.

Mrs. G. Bendix '35GN '35BS recently in Illinois.

Miss E. McMullen '39BA recently in Wisconsin.

Everett Winchester '39-'40 Dec. 28 in Minneapolis. He was a partner in Western Provisions Co.

H. P. Proff '41MD on January 3 at Olympia, Wash.

Aaron Vincent Fadden '42BBA of a heart attack on Dec. 4. He had been with General Mills for 17 years and later was operator of the Wright-Fadden turkey farm near Alexandria, Minn.

Albert Canfield '38BA '42MB '43MD on Nov. 24 in Madison, Wis.

Warren F. Harding '44BA, 39, in Van Nuys, Calif. last month.

Mrs. Margaret P. Gregory '40BA '45LLB in Denver, Colo. She was assistant trust officer for the Bankers Trust Co. of New York City from 1945-52 and for three years was with the tax department of the Riggs National Bank of Washington, D.C.

Harold Nelson Kingsbury '48MPH recently in Madison, Wis.

Gertrude Driscoll '50BA on Jan. 2. She served as a WAVE during World War II and was later employed by Aetna Insurance Co. in Minneapolis and Iowa Gas Co. in Fairmont, Minn.

Donald L. Olson '48BS '50MB '51MD following an automobile accident on December 13.

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