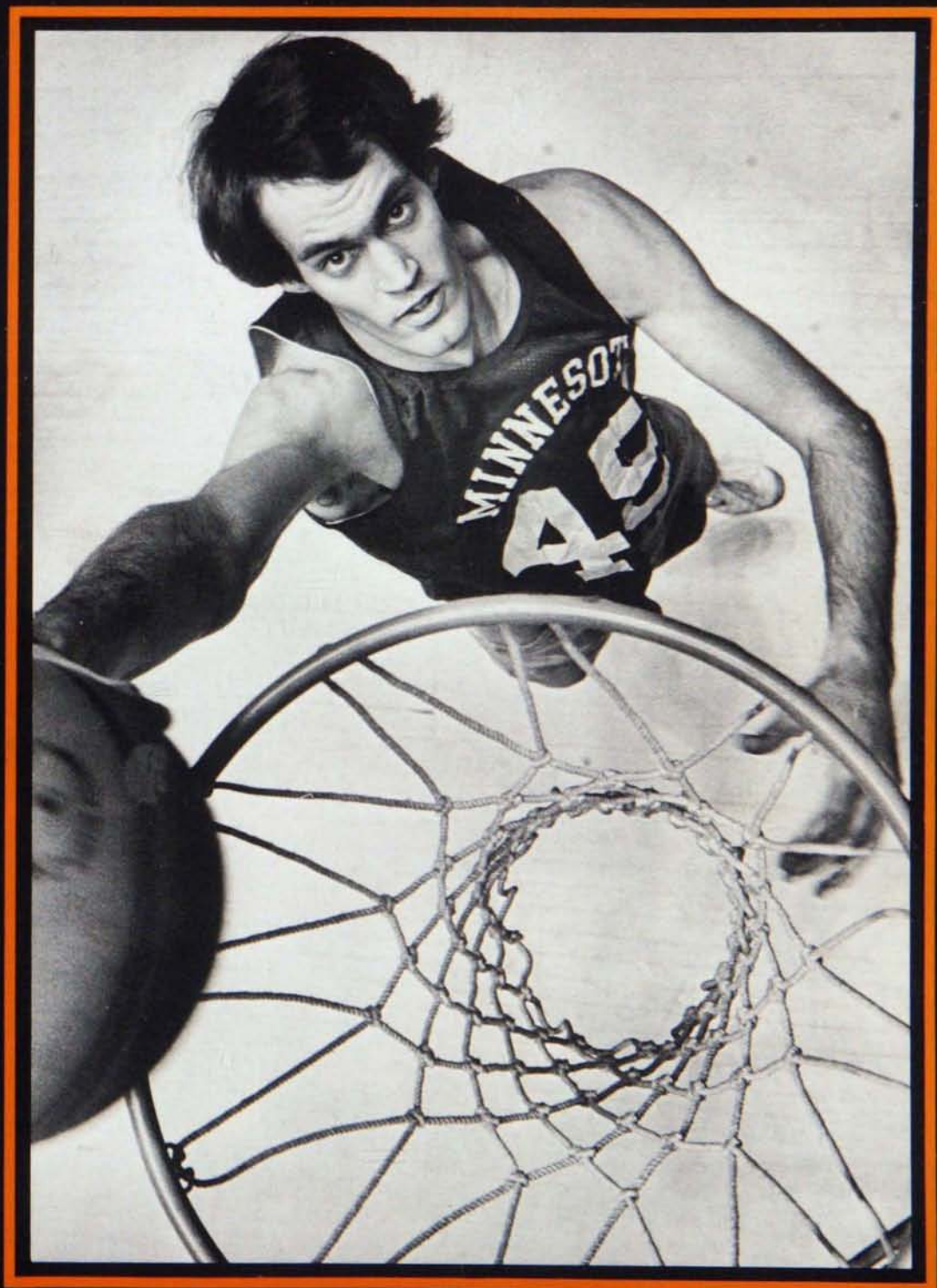


MINNESOTA

University of Minnesota Alumni Association

March 1982





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8 They're Not BOOing, They're BREUing

by Chuck Benda

When the fans in Williams Arena get pumped up and begin to yell: "Breu! . . . Breu! . . . Breu!" they are shouting at Randy Breuer and are not, as some mistake, booing.



13 Mulford Q. Sibley's Utopia

by Barbara Crosby

He wears a red necktie because he says it symbolizes the "common blood that flow through the veins of all people regardless of power, wealth, or station in life."



16 Return on Your Investment

A Special Report

Here's how the state's investment in the University of Minnesota is multiplied and returned to the people in the form of economic, educational, and cultural resources.

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Cover: As he races, jumps, and bounds up and down the court, one pair of size 17 basketball shoes lasts Randy Breuer about three weeks. Photo by Bill Davis of the *St. Paul Dispatch*.

Inside Front Cover: Craig Robinson's "No Love" is ". . . an anonymous man, either screaming or laughing with terrible tension," according to *Minnesota Daily* art critic Diane Hellekson. "Each photograph," she wrote, "is marked over with an intaglio print of a primitively scrawled face, which adds a spooky, comic urgency." Robinson of Minneapolis, who is a student at the University, was among other young Minnesota artists whose works were on display at the Gallery in Northrop Auditorium last month.

STEVE ROSZELL

... Your Investment

Since the mid-1800's the University of Minnesota's impact on the state has been dramatic.

In agriculture, industry, education, medicine, law, and other areas, this impact has been widespread.

The University is: a nationally recognized Big Ten school with 11 Nobel Prize winners as alumni or former faculty; one of the top 10 institutions in the nation in attracting research dollars; receiving more corporate foundation and private support than any single land-grant school; world-renowned in agricultural research and innovations; the state's leading producer of scientists and technicians; and the spawning ground of 44 new high tech industries.

Regardless of the criteria you choose, the quality of the University of Minnesota stands the test.

In a recent message published in the *Minneapolis Tribune*, President C. Peter Magrath, while speculating on what Minnesota's economic situation would look like if previous governors and legislators had not been willing to make a large investment in the University, asked these four questions:

1. Would there be a \$2-billion-a-year taconite industry on the Iron Range? That industry, which provides nearly half of the nation's iron ore, was made possible by the breakthrough of a University of Minnesota professor in 1924.

2. Would Minnesota be exporting some \$1.2 billion in agricultural goods each year? Much of that productivity flows from research advances made in university laboratories and experiment stations.

3. Would Minnesota's \$2-billion-

a-year high-technology industry be as successful without the Institute of Technology?

4. Would Minnesotans enjoy the savings inherent in good health without University of Minnesota health research?

Minnesota has a quality university because its citizens wanted it that way.

Minnesota has a quality university because its citizens have paid taxes to support those wants.

But now, those wants and that quality is being severely threatened by the worst financial crisis to ever hit the institution.

Earlier this year the University budget was slashed by \$25.6 million. Federal research dollars are being reduced as well.

The cumulative effect of these reductions will be felt not today but tomorrow.

Unfortunately, tomorrow's society will need an even better University to produce educated citizens to meet the challenge of tomorrow's problems.

What needs to be done?

You will find in this issue a Special Report: "Return on Your Investment." Read it. Think about it. Ask yourself how the University has affected your life and determine what that is worth.

Do alumni resign themselves to the inevitable erosion of their institution or do they take action?

I believe, as 150 alumni leaders so aptly demonstrated when they came together on behalf of the University at a special budget crisis meeting, that we act and we act now.

The Special Report will remind you that you have an investment in and a return from your University.

Your investment is your willingness to spend or utilize your time, money, or effort for the future advantage or benefit of the "U."

We need more than ever to ask our alumni to become members of the Minnesota Alumni Association; we need more than ever to ask our alumni to increase their gifts to the University of Minnesota Foundation; and we all need to pay closer attention to what our elected representatives are saying about the University, and to monitor what is happening to the "U" day by day.

In times like these the University will benefit from scrutiny. Belts will be tightened and we'll all learn to get by on less.

But the real supporters are alumni. And if they are not interested and don't speak out and don't take part, we're not sure who will.

It's your investment.



President C. Peter Magrath said that "U" officials "hardly welcome" a \$25.6 million cut, but he said "it is our judgment that with a lot of adjustment and some real pain we can preserve the central functions" of the "U."

LETTERS

Too Many Letters

You're right: I could not answer all five questions in the quiz at the bottom of page 16 ("Bet You Can't Get All Five Right," December 1981). On the other hand, neither could you, evidently, because the answer that you give to question one on page 42 is incorrect. The answer should read "Chillingworth," not "Chillingsworth." Examination of any copy of Hawthorne's *The Scarlet Letter* will confirm my comment.

Darwin Patnode, '74
Hamel, Minn.

Frank Lloyd Wrong

So, it (dome stadium) fell in, did it? A bag of wind, like its namesake.

And how would you like to be one of 50,000 trapped under a few tons of snow and canvas? No, thank you.

Frank Lloyd Wright lost his architect's license when the roof of a house he built in St. Paul collapsed under the snow load. Forget it.

A. B. Savage, '35
Midland, Mich.

Notable Suggestion

We always enjoy reading *Minnesota* magazine but under class notes find very few names that we know. Wouldn't it be better to cover a four-year span in an issue? You could inform the graduates of that given period to write a brief note about themselves. At the last emeritus dinner they

tried having people introduce themselves but, after two tables (of persons) were introduced, gave up for lack of time. Most people are interested in hearing about old friends.

Alfred H. Johnson, '25
Florence S. Johnson, '24
Minneapolis

'Happy All My Life'

Has your publication ever done a piece on Miss Borghild Dahl, 92 and blind, who has just published her 17th book? She's a member of the Class of 1912.

Willmar Thorkelson
The Minneapolis Star

Editor's Note: After living in New York City just off-Broadway in an apartment alone, she returned to Minneapolis in 1979 where she was born and educated. Her latest book, Happy All My Life, is, according to Thorkelson, an "upbeat account of her struggles and triumphs." Two years ago she received the University of Minnesota's "Outstanding Achievement Award." Other honors include the Medal of St. Olaf from the King of Norway. Her book, manuscripts, autobiographical material, and memorabilia have been given to the Kerlan Collection at the "U."

Move on . . .

With regard to the stadium issue, I think the move to the domed stadium has far less long-range problems than staying at Memorial Stadium. While there are many fond memories of the old "Brickyard," progress has a way of replacing backward glances and the many advantages of the new arrangement appear to outweigh the few emotion-influenced reasons for keeping the present physical plant.

L. H. Lauterbach, '49
Harlan, Iowa

Editor's Note: Because an agreement was not reached by March 1, the Gophers may play in Memorial Stadium this fall and not in the new Minneapolis domed stadium. University of Minnesota President C. Peter Magrath told the Board of Regents because of the fiscal problem, he will not recommend going to the dome if it costs the "U" more money. In the meantime, the regents approved a new three-year contract for football coach Joe Salem.

South Fowl Lake Camper

I recently saw the November 1981 issue of *Minnesota* at the home of a friend, and the front cover arrested my attention because I had camped at that lake years ago when a boy.

If available, I should like two copies of the magazine. I am not an alumnus and would be happy to pay for them.

Robert B. Stuart
Amagansett, N.Y.

AT THE 'U'

Malcom Moos Is Dead

Archbishop John Roach was among celebrants at the funeral Mass at St. Paul Cathedral for former University of Minnesota President Malcolm Moos who died in January.

Moos, 65, apparently died in his sleep at his cabin on Ten Mile Lake near Hackensack in northern Minnesota.

His body was found January 28.

The only University alumnus to become University president, Moos had been a political science professor, a newspaper editor, and a speech writer for President Dwight Eisenhower.

Moos served as president from 1967 to 1974.

His administration was beleaguered by anti-war demonstrations, discrimination protests, and years of financial cuts.



Malcom Moos . . . University's 10th president.

He once said he wanted to be remembered "as a person committed to the rule of reason, who resisted, as best he could, the volcano of violence that erupted on our campuses and in our society in the last decade."

A group of students occupied Morrill Hall in 1969 to protest the lack of Afro-American studies department. In 1970, University women began protesting faculty pay differences. And in 1972, Gov. Wendell Anderson called the National Guard to campus after Minneapolis police attacked anti-war demonstrators with tear gas on the Mall.

In 1978 Moos sought the Republican nomination for the Senate seat then held by Muriel Humphrey. He had been a friend of the late Sen. Hubert Humphrey and helped him get a University lectureship after Humphrey's defeat in the 1968 presidential election, said Benjamin Lippincott, professor emeritus of political science and a friend of Moos since the late 1930s.

Moos was a controversial president, however, and he announced his resignation in the midst of rumors that faculty and regents were pressuring him to quit because the University allegedly suffered from a lack of leadership.

Administration was not what Moos enjoyed most, Elmer Anderson, chairman of the Board of Regents during the Moos administration, said. "What he liked to be was a thinker, an innovator, a man of ideas, rather than a day-to-day hard-nosed administrator."

Moos was least effective in dealing with sex discrimination, Anderson said. If the president had "overridden the faculty," he might have prevented the Rajender class-action suit, he said.

After leaving the University, Moos for a year was president of the Center for the Study of Democratic Institutions, in Santa Barbara, Calif. He headed a Carnegie Corp. study of the future of the University of Maryland from 1979 to 1981.

Moos was born in St. Paul in 1916 and graduated from the University in 1937. He received his Ph.D. in political science from UCLA in 1942, and was a professor at Johns Hopkins University in Baltimore from 1942 to 1963.

While an associate editor of the *Baltimore Sun* during the 1940s, Moos became a friend of H. L. Mencken. From 1958 to 1960 he was administrative assistant to Eisenhower.

Moos is survived by his wife, Margaret, from whom he was separated in 1981, and five children, Malcolm, Katherine, Grant, Ann, and Margaret.

Budget Cuts Force Layoffs, Tuition Hikes

At least 400 University of Minnesota employees will lose their jobs and tuition may go up 13 percent by summer because of a projected loss of at least \$20 million in the University's 1981-83 budget.

If the total loss is larger both the number of jobs lost and the size of tuition increase could grow larger.

President C. Peter Magrath said a cut of between \$20.4 million and \$22.9 million will be made from the biennial appropriation the University receives from the state. "It is clear that we will lose no less than \$20 million," Magrath said.

Administrative support units will be reduced by \$5 million to \$7 million, special projects funded by the state trimmed by \$2.5 million and Twin Cities academic programs cut \$3.5 million, he said. Between \$1 million and \$1.5 million will be cut from the budgets of the four coordinate campuses. A proposed 13 percent tuition increase beginning summer of 1982 will raise about \$8.4 million.

The cuts in administrative and support units will go into effect immediately, Magrath said, and will mean the loss of at least 200 jobs. "These cuts will mean a reduction in student services, slower responses, longer lines."

Other support cuts include:

- Layoff of at least 20 administrators.
- Increases in service charges for such things as concerts and lectures, the University Gallery, computer services to outside users, and certain student services and activities fees.
- A 7.5 percent reduction in campus bus services.
- Layoff of at least 120 custodial workers. Offices will be cleaned twice rather than five times a week, and window washing frequency will be cut 40 percent.
- Budgets for repair and maintenance of buildings reduced 6.8 percent.
- The police department budget cut 8.5 percent, the University Relations budget by 15 percent, and the personnel department budget by 8 percent. The personnel department will eliminate 90 percent of employee training.
- Phasing out the Measurement Services Center and Student Life Studies departments, and combining the staffs of the Educational Development Center and the University College.
- Reduction in funds for student housing and student activities. Student employment, student aid and

programs for handicapped and minority students will be protected.

Out of the \$3.5 million in cuts proposed for the Twin Cities campus academic programs, \$1 million will have to come out of this year's budget, Magrath said. To make that immediate cut, several steps will be taken:

- No faculty or civil service jobs will be filled unless it can be demonstrated that serious academic consequences for many students would result.
- Travel will be drastically reduced.
- A freeze will be placed on publication of all magazines and newsletters during spring quarter.
- Some \$775,000 in funds for indirect cost recovery and equipment replacement, normally distributed to academic units over the course of a year, will be withheld.

"If at all possible we should not increase tuition during the current school year," Magrath said. Students make their financial plans at the beginning of a school year and are not able to change them drastically midstream, he said.

"If the budget cuts go deeper than expected, then we are obviously going to have to re-examine additional reductions in university budgets and additional tuition," he said.

Rose Johnson, a student representative to the board, said the projected tuition increase would have serious consequences. "You are talking about students' very livelihood — how they are going to buy food, pay rent, especially when financial aid has been decreased so," she said.

Minneapolis regent David Lebedoff said that while the pain of tuition increases is readily apparent, "the cuts in the academic programs are far more harmful in the long run."

Kenneth Keller, vice president for academic affairs, said that many

of the administrative and support cuts the university has been forced to make seem invisible, but affect the quality of an education a student gets. Position cuts from the library system will affect students, as will the elimination of the Measurement Services Center, which evaluates courses, and cuts in the budget of the media resources department, which prepares educational filmstrips and other classroom needs.

"The most tragic thing about what we're doing is the people cuts," he said.

Jobs Depend On Aid

Ninety percent of University of Minnesota undergraduates surveyed recently said they work to pay college expenses and 25 percent said they would be forced to withdraw without financial aid.

Continued inflation coupled with proposed reductions in financial aid "will undoubtedly create problems for some students," said Glenn Hendricks, head of the Student Life Studies and Planning Department, which conducted the survey and a similar one in 1975.

"There doesn't seem to be room for many students to rely on more work or for students to get more money from their parents," Hendricks said.

The study was initiated by the Minnesota Student Association to find out how much it costs to go to school and where students get their money. Questionnaires were mailed to 567 randomly selected undergraduates registered at the Twin Cities campus in winter quarter 1981. A total of 406 students responded.

They're not BOOing, They're BREUing

by Chuck Benda

Three-thirty p.m. on a wintry Thursday.

Randy Breuer leaves his dorm room in Sanford Hall and walks to Sammy D's restaurant in Dinkytown. There he joins the rest of the Minnesota Gophers men's basketball team for supper at the training table. Steak and pancakes. The pancakes for carbohydrates, Randy says, to give them energy during the game and the steak to keep them going afterwards.

Eighty miles to the southeast, in a small white farm house on a rolling plateau above the bluffs that line the Mississippi River just outside of Lake City, Minn., Ralph and Marlene Breuer are getting ready to do the evening chores early. If they want to get to Williams Arena on time, they must leave home by six o'clock.

On the nights of Gopher home games, as many as 60 or 70 other Lake Citians end their workday early, too, and make the 160-mile-round-trip to and from Williams Arena. It's a community thing. Lake City is a small town of 4,000 people situated on the shores of Lake

Pepin — a 22-mile-long widening of the Mississippi River. In 1922, Ralph Samuelson strapped a couple of curved boards on his feet, had himself pulled along the surface of Lake Pepin behind an airplane and invented water-skiing, giving Lake City its first claim to fame. Then came Randy. In 1978 and 1979 he led Lake City's Lincoln High School (Lake City's only high school) to consecutive Minnesota State High School Class A basketball championships. He became the town's favorite son because of that. And because he: went on to make the All-National Invitational Tournament team in 1980 as a freshman playing for the Minnesota Gophers; led the Gophers in scoring as a sophomore, averaging 16 points a game; and started his junior year as the Gopher's leading scorer and shot-blocker.

And now he has great prospects for a career in professional basketball. No one from Lake City has done anything like that before. They love to see a small-town boy — their small-town boy — make it big. But perhaps most of all, Randy is a favorite son because, as his old high school basketball coach, Jerry

Snyder says, "When he comes home, he's just plain Randy."

* * * * *

"Just plain Randy" is 21 years old and 7 feet 3 inches tall; the biggest and one of the best centers the Gophers have ever had. He surprised sportswriters and basketball critics during his freshman and sophomore years at the University. Many of them thought the Big Ten would be too much for him. "Sure he's big, but he's too slow," some said. Others complained that he wasn't strong enough and he couldn't jump well.

"Randy's high school coach did an excellent job of keeping Randy within the team concept and still developing his skills," Gopher coach Jim Dutcher said. "Randy's a good listener. He's got the desire to improve. And he's improving every year.

"He's stronger. His stamina is better. And he's improved his ability to pass the ball — which is one of those things that you've got to be able to do as you become a good scorer and begin to draw double and triple coverage."

This year, the critics have changed their tune. He's being



BOB LEVINE

Marlene and Ralph Breuer of Lake City, Minn., cheer their number one son, Randy.

touted as one of the best big men in the country, perhaps the best center in the Big Ten. *Sports Illustrated* included him in their preview of college basketball for 1982 and interviews with local sports writers have become a regular part of his everyday life.

"It's not bad," Randy said, referring to the interviews. "You try to work out one free day in your schedule every week so that you have time for the reporters. Sid Hartman (a columnist for the *Minneapolis Tribune*) is the worst. He always catches me in bed with an eight o'clock phone call, sometimes seven o'clock."

Sports writers are not the only ones who have taken a special interest in Randy. A walk across campus invariably draws a word of encouragement, a bit of advice, or a question from a fan.

"Hey Breu! How's it going?"

Or, "You gonna take 'em tonight, Randy?"

Sometimes strangers come up to Randy, introduce themselves, and begin to tell him how he should play basketball.

"You got to go in for the slam dunk, Randy. Move inside more. Take it to 'em."

"It doesn't bother me," Randy said. "It's all part of being a basketball player. Sometimes you get advice from people who don't even know what the game of basketball is all about. They see the game on TV and don't know the work that's put into it. I listen to them, thank them, and go on from there."

It does bother Randy when some fans begin to think that Randy should be more of a one-man team. But Randy won't tell you that.

"The only problem area that Randy ever expressed to me," Dutcher said, "is that some of the Minnesota fans kind of expect everyone else on the ball club to just do everything for Randy. You know . . . pass Randy the ball every time. Give the

ball to Randy. He says he gets so tired of hearing that. He understands basketball and knows that the other team just won't allow it. But the casual fan doesn't understand that."

"There are some people that are quite knowledgeable," Randy said. "And they have a good suggestion once in a while."

"George Mikan (the former Minneapolis Laker star) took some time to talk to me the other night at a March of Dimes banquet. He said, 'Right now they (the professional basketball scouts) are interested in you, but you're too right-handed. You've got to work on your left hand.'"

"I'm going to work on that, 'cause who's better to listen to than him. He's gone through it all."

Coach Dutcher thinks that Randy's got an excellent chance to play professional basketball. "There are some areas he needs improvement. Defensively. He needs improve-

ment in shot-blocking, some foot-work improvements, but if he just continues to make improvements the way he has in the past, he'll be a very high first round draft choice a year from now." But Randy isn't looking that far into the future right now.

"I don't think too much about a professional basketball career," Randy said. "I haven't been contacted by anybody about playing professionally. If there's an opportunity to go on with the pros, yes, I'll go. If it's not there, that's all right too. Basketball has been good to me. It's getting me an education."

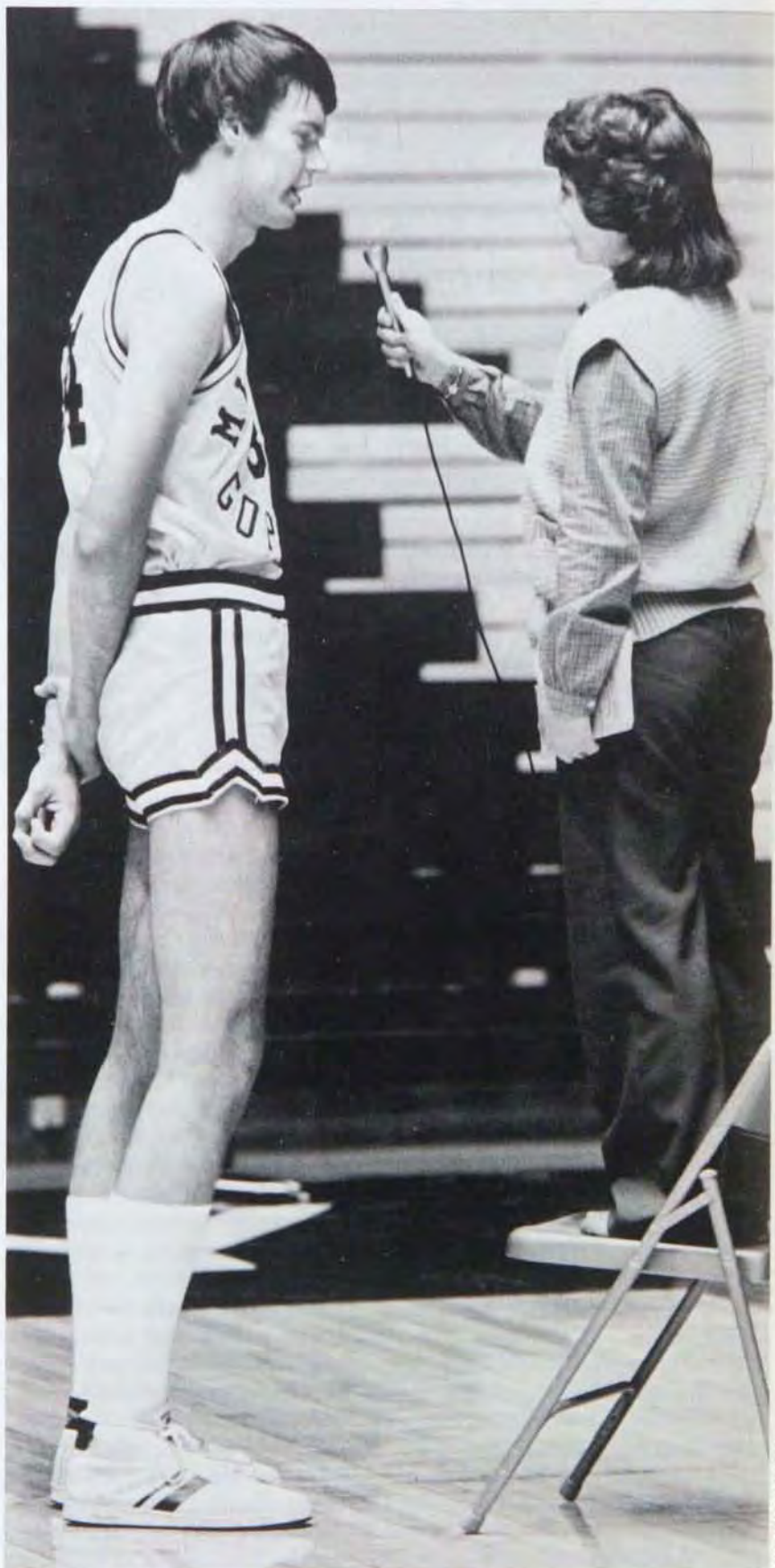
A B student in high school, Randy has been able to maintain that average in his course work towards a degree in business. He expects to graduate, but it may take five years instead of four. Three hours of basketball practice a day prevent him from taking any classes after two in the afternoon. "It's so hard, especially just to get in a class. I need an accounting class, but I can't get into one. The only classes that are open are after five and that's right in the middle of practice. I hope in spring quarter I can get into an accounting class."

For a farm boy, life at the University was hard at first. "It was kind of lonely," Randy says. "I really didn't know anybody, the campus was big. The bus system I didn't even try."

"I worked at the bookstore my freshman year. It was a good place to work. I met a lot of people and got to know the campus a little better."

Since then, when he hasn't been playing basketball and studying, Randy has worked as a sales clerk in sporting goods at a department store, a manual laborer for a landfill company, and an errand boy and odd-job man at a machine shop. Along the way he learned to like the Twin Cities area. But he still misses some things about life on the farm.

"I enjoyed it. It gave me a good background. At least I am not help-



WCCO reporter Julie Kohner interviews Randy Breuer on the first day of practice his freshman year.

less if something goes wrong. If my car breaks down I can do something to fix it. I know how to hammer a nail, and I don't mind getting my hands dirty.

"I miss deer hunting, but I guess basketball makes up for that. I didn't do a lot of fishing. I had a motorcycle, a 125 Honda Enduro. All the kids in the neighborhood were about the same age and we all had motorcycles. We all went to high school together, and we rode motorcycles everywhere, on the roads, in the fields. Sometimes, on motorcycles, we'd herd the cattle, or go out to check fences. You can cover a lot of distance in a very short time."

Randy's parents operate a 240-acre farm that has been in the family since 1908. They raise dairy cattle, beef cattle, and hogs. It's a life of long hours and hard work. The farm is their only source of income, but they always manage to find time to follow Randy's basketball games — as well as the extra-curricular activities of their other two children, Rick, 15, and Beth, 12.

"If you're going to let your chores stop you, you wouldn't get too many places or do many things," Mrs. Breuer said.

"We try not to miss any of Randy's games," Breuer said. "We went to all his high school games, and so far we've made all the home games at the University." He paused to think, and Mrs. Breuer added, "That's what raising kids is all about. Being with them, doing with them."

Mr. and Mrs. Breuer have been married 25 years. He is 6 feet 9 inches tall and she is 5 feet 11 inches. Neither participated in organized sports in school, but both believe in the value of sports as a part of a well-rounded education.

"I didn't attend high school," he said, "though I did attend the School of Agriculture on the St. Paul Campus before it became a part of the college. But sports helps kids develop. They learn a lot by participation. You win, you lose,

you learn about team sportsmanship. Something from all of that carries over. That's why it's important to be careful in choosing a school . . . to take a close look at the coaches."

The Breuers have kept a close eye on their son and his basketball career from his grade school days on. Randy started playing for St. John's, a Lutheran grade school in Lake City. By the time he reached Lincoln High School as a ninth-grader, the basketball coach had already been working with Randy for three years.

"I'd have to say that Jerry Snyder at Lake City was an exceptional coach," Breuer said. "He did an exceptional job. He had Randy playing head and shoulders above a lot of other big men growing up around Minnesota. He took a lot of time and even went to basketball clinics himself to learn how to coach a big man."

Snyder, who still coaches at Lake City, was quick to put the spotlight back on Randy.

"Randy came to us with great character," Snyder said. "He was an excellent kid to work with, and he was receptive. Even after he got a lot of attention and acclaim, he was still very willing to learn."

Coach Snyder spent a lot of time working on two basic moves with Randy; the turn-around jump shot from both sides of the lane and the hook shot going into the lane from both directions.

"Randy did not have great mobility or agility, but he already had good hands. He had good hand and eye coordination, and he was a good shooter."

The work on the basics paid off. As a sophomore in high school, Randy averaged 18.1 points a game and made 58 percent of his shots from the field. By the time he was a senior he was averaging 28 points a game and shooting 67 percent from the field.

As his scoring soared, so did the interest of college coaches around the country. When he was a junior,

Randy was getting three or four letters every day from college recruiters. "By my senior year, I realized that I could pick my college. I narrowed it down to six or seven schools and finally decided on Minnesota."

"I had always wanted to go to the 'U.' It's the home state, and Coach Dutcher said I'd get a chance to play some as a freshman. My parents are 80 miles away. That's too far for the apron strings to be very tight, yet close enough so that if you need help, they're there."

"We hoped he'd go there," his father said. "If he'd gone any farther, we wouldn't have gotten to see him play, except maybe on one or two occasions. And education! Mention the name John Najarian anywhere in the world. They know where you're coming from."

"Education," Mrs. Breuer echoed. "That's what you're going to be dealing with in the future. There's probably nothing more important than good education. I hate to see these budget cuts. It seems to us here that there are many other places they could be making cuts."

"Randy's been over to England and Scotland with the Minnesota basketball team," Breuer said, "and then he traveled with the NIT team to Italy and Yugoslavia, all in his freshman year. He could hardly believe it himself, that he got to travel so much. Bang! Just like that! There's just no limit to the value of something like that."

Randy enjoyed the travel, but he seemed almost equally impressed with some of the classes he's had at the University. "I had Walter Heller for an economics class. At the beginning of the quarter he predicted what the prime rate would be at the end of the quarter . . . and the unemployment rate . . . and he was right. I learned a lot from that man. Where else are you going to have people like that teaching you?"

Randy is concerned about the budget cuts at the University and the statewide economic problems

in Minnesota. He said he sees a healthy chunk taken out of his paychecks by way of taxes, but little return on those taxes, especially in outstate areas like his hometown.

"I think I might like to go into politics at some point. I see people who use food stamps to buy the most expensive pieces of meat. And there are people who earn more on welfare than they do working a job. That's not right.

"I think you have to start at the bottom in politics and work your way up. You have to get experience. Get to know the people."

For now, though, basketball is more important than politics. And there's some good in that. Aside from the personal gain — the experience, the education — that Randy's abilities as a basketball player have brought him, there

seems to be a sort of ripple effect from the splash he's made in the big city that spreads out to the people who have come in contact with Randy.

His high school coach considered Randy a godsend that helped him reach and surpass a life-long goal in coaching — to coach a team in the state high school tournament.

"It was always in the back of my mind that some day I'd strike gold. I count my blessings. Along with Randy I also had the best all around guard I have coached in 20 years. The entire community is proud of Randy, not just because of his basketball ability. Because of the type of person he is, too. It's always fun to talk about Randy and the glory days."

The excitement generated in Lake City during the "glory days" of

1978 and 1979 has carried over to Randy's college career. Many Lake Citians have season tickets to the Gopher games.

"We have a big eight-passenger van we usually take up there," Breuer said. "We usually take six or eight people with us. Neighbors and friends. On the way home, we stop at the Bier Stube in Hastings for a bite to eat. On most nights, there will be 25 or 30 people from Lake City there [to eat] who have been up to the game."

"That's our social life, our entertainment," Mrs. Breuer said. "It's exciting. We go to the home games and watch the rest on TV when we can."

Gopher fans have already picked up on the excitement Breuer generates. When he scores, Williams Arena echos with chants of "Breu! Breu!" that first-time spectators some times confuse with booing. And if the fans feel he's been sitting on the bench too long, they'll start the chant again to let Jim Dutcher know how they think the team should be run.

How far can that excitement go? Is there a chance that the "glory days" — in the form of a national championship — will come to Minnesota with Randy Breuer at center?

"It's hard to know," Dutcher said. "We're ranked now as one of the better teams in the country, but we've got to do well in the Big 10 to start with. Sometimes just getting out of your own conference is a more difficult task than winning the NCAA tournament.

"Minnesota hasn't won a National Championship yet. With almost 600 schools involved, winning the NCAA tournament is a pretty tall order. But the opportunity is there."

The opportunity is there. With 600 teams to compete against, no one man can do the job. But if the glory days do come, who will forget the chants of "Breu . . . Breu . . . B-r-e-u-u-u?" **M**



Randy Breuer met with his parents, Ralph and Marlene Breuer, after a recent basketball game in Williams Arena.

Mulford Q. Sibley's Utopia

Mulford Q. Sibley's Utopia
By Barbara Crosby

Mulford Quickert Sibley stands for unilateral disarmament, uniform distribution of the world's resources, and democratic control of technology.

He is a Quaker and a professor of political science and American studies at the University of Minnesota. An avowed socialist, he prides himself on having voted only once in his 69 years for a majority party presidential candidate (George McGovern in 1972).

His dress — most likely a venerable jacket and pants, plain shirt, and scuffed brogans — is bereft of fashion and reflects his belief that one should be simple and practical in clothing as in all things.

He does wear, however, a red tie to remind himself and others of his solidarity with the working class and the socialist movement. The color, he says, also symbolizes the "common blood that flows through the veins of all people regardless of power, wealth, or station in life."

There was a moment at the height of the antiwar and anti-establishment movements in the late 1960s and early 1970s when Sibley flirted, however reluctantly, with popularity. For a time, he was a modest-scale hero to those who had newly discovered the injustices and follies he had denounced for years.

Now Sibley's views, like his clothing, are distinctly out of fashion. He persists nevertheless in a valuable and lonely endeavor — the construction of utopias — through his teaching, his writing and his living.

A prime constituent of Mulford Sibley's utopia is international peace, which he thinks is grievously imperiled by the arms race and by the current administration in Washington, with its emphasis on military might. "I don't know where the faith [of President Reagan and his supporters] comes from — it seems to be almost a religious faith — in defense buildup," says Sibley. "If you rely for peace on arms, you're going to get what reliance on arms produces, namely war, rather than peace.

"I don't believe in the old Latin statement: 'If you want peace, prepare for war.' I think if you want peace you have to prepare for peace. We're still hanging on to that ancient Roman proverb in the face of evidence we can no longer rely on it."

In addition to relying on peaceful means of resolving conflict, Sibley's ideal society "exalts spiritual and intellectual values, with the desire for honor or prestige or material goods placed in a strictly secondary position."

Such a society would have "some element of planning," but would allow diversity and as much decentralization as possible. Among the most important planning tools would be controls over rampant technology.

"We've usually just accepted machines when they become available," says Sibley. "We've had a great deal of chaos and human misery because of technology." At the same time, he is well aware the technology has relieved humankind of some of its greatest burdens. "It's the way we introduce machines that is, I think, so wrong, not necessarily

the machines themselves," he explains.

"We've associated technological development with social progress. I think we have to be more critical."

It is ironic, he suggests, that technological decisions in this country usually have been made outside the democratic political framework. "Nothing affects the public more than technology and yet we've allowed it to develop without thought, and so I would like to see some kind of social machinery set up that would in the name of the community assess the impact of technology on society, on human beings, before we introduce it."

Environmental impact statements and the Office of Technology Assessment are only "vague beginnings" of what Sibley is advocating:



Mulford Q. Sibley, who has been lecturing at the University of Minnesota since 1948, has said, "I think if you want peace you have to prepare for peace."

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an environmental impact process on a grand scale. He recommends establishing representative citizen assemblies to consider every major proposed technological innovation. The assembly would be guided by agreed-upon criteria and advised by consumers, workers, and technology experts.

The burden of proof would be on the advocates of the innovation. "They would have to show that its probable effects on human lives and particularly on justice, the idea of freedom and the subordination of material to spiritual values would not be deleterious."

The guiding principle, says Sibley, would be controlling technology for human needs, "so that it doesn't control us."

Sibley's view of utopia is elaborated in his book *Nature and Civilization: Some Implications for Politics*, compiled from a series of lectures he gave at Loyola University of Chicago in 1973. This utopia is "necessarily a world order" in which there is a common language. All children become proficient, however, in a regional tongue and perhaps

a subregional one as well. Sometimes people avoid the use of any spoken language, relying instead on telepathy.

The inhabitants of Sibley's utopia live in city-county regions of no more than 450,000 people. Each city-county region is economically self-reliant as possible, in keeping with Sibley's view that self-government flourishes when people are not dependent on outside suppliers for their basic needs.

Consensus about important public policy issues is gathered at the neighborhood level and then conveyed to divisional assemblies and then to a city assembly. In the allocation of resources, priority is given to education.

The highest pleasure in this society is conversation among friends. There is widespread participation in the arts and in the oral discussion of public issues. Various forms of marriage exist, and privacy and individual idiosyncrasies are nurtured along with group life.

Most businesses are nonprofit, and most of the land is publicly owned. The economy is a "market socialism," wherein essential goods and services are free and others are subject to a pricing mechanism that is sensitive to supply and demand. The maximum permitted income disparity is 1.2 to 1. People have lost their preoccupation with piling up material goods and so have time to train for a number of different occupations in one lifetime.

Although the need to curtail population growth would be widely agreed upon, birth control methods would stop short of abortion. "To the degree that we encourage abortion for ends of population control," Sibley writes, "we are likely to provide a basis for supporting other forms of deliberate killing — mandatory destruction of the old and decrepit, for instance." (The most effective form of birth control, in Sibley's opinion, is improved economic conditions.)

Sibley concedes that his utopia is unlikely to be realized short of fun-

damental — i.e., revolutionary — change in the thinking and behavior of most human beings. The task of fomenting revolution he assigns to a grassroots citizen movement that would establish small cells of dedicated adherents in every office, school and industrial plant. Eventually the movement would run candidates for public office, and as more and more candidates were elected, they would pass laws establishing the new order.

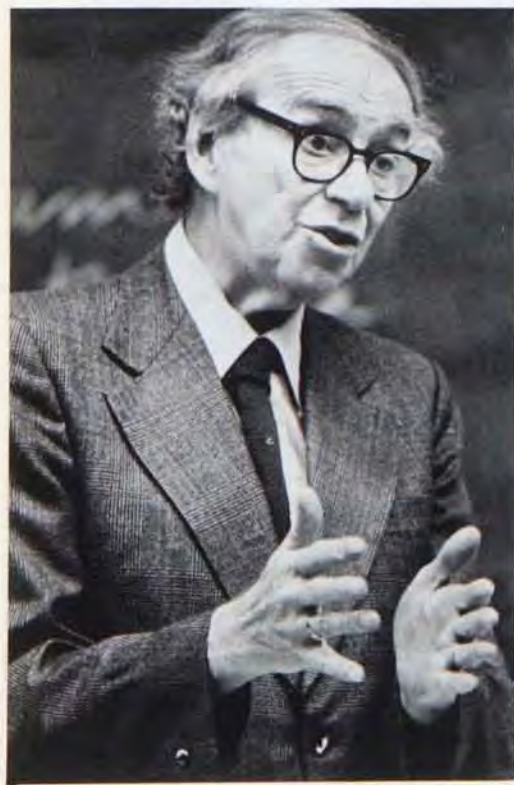
This approach stems perhaps from Sibley's conviction that people can spread their views most effectively in circles where they are already at home. "Start where you are," he advises, "where people value you as a person. This is especially advisable if your views are unusual."

Sibley admits to bouts of depression over the miniscule dent that views like his have made in society's mindset. On every side he sees the pell mell pursuit of more technology, more arms, more goods. "It is particularly hard," he says, "to get people interested and sustain their enthusiasm. Battle fatigue sets in. There is a feeling of futility, a feeling you're useless."

Just now Sibley is feeling especially futile because of Ronald Reagan's election to the presidency. He believes Reagan is engaged in a misguided effort to return to an unplanned society, and he is appalled by the coupling of Reagan's emphasis on arms buildup with a seeming lack of concern for poor people.

The strongest antidote for Sibley's own feelings of frustration and futility is his wife Marjorie, a reference librarian and associate professor at Augsburg College in Minneapolis. "She pulls me out of my depression," he says. His hobbies, breadbaking and walking, are also of a soul-soothing nature.

Sibley derives additional solace from his interest in telepathy and parapsychology, which provide some evidence for him of a spiritual dimension that exists independently



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of human beings' temporal and physical limitations. It has been only in recent years that he has taught courses and seminars in parapsychology, but his interest dates to his boyhood.

"I can't remember a time when I wasn't interested in telepathy," he says. "I was and am fascinated by the possibility of the survival of the psyche after death. I increasingly hold that the psyche can exist independent from the body. I think the psyche can act freely, can make judgments."

Unlike those who argue that human beings are shaped by biology, environment or a combination of the two, Sibley posits a three-fold shaping process that includes biological heredity and environmental forces, but adds psychological heredity. "We can't reduce experience simply to environment versus heredity, genetics versus culture," Sibley maintains. "There's an inner core of each of us, what Socrates calls the soul, that is permanent, which is sort of encased in culture and heredity but doesn't depend on them for existence."

Summing up his view of human character, he says, "I think human beings are mixed. Each is a kind of battleground. Evil is always tempting, but there are good forces. I reject the notion that we're basically evil, just as I reject the notion that we're like gods. We die, we're limited." He notes that human beings have "all sorts of ingenious devices to escape the exigencies of responsibility and freedom." At the same time, Sibley has "a certain amount of faith that if we become aware, we'll choose the good."

What causes Sibley, who grew up in a family of Oklahoma Republicans, to think and behave the way he does? He is interested in the question himself, and believes that it has something to do with the religious teachings he absorbed as a boy attending a Methodist Episcopal Church. Both his pacifist and his antimaterialist views are grounded in the teachings of Christianity, and

to this day he wonders how people who count themselves religious can reconcile their quest for material possessions with the antimaterialist teachings of most religions.

"In the area where I lived, the Methodist Episcopal Church was often dominated by the tradition of the Social Gospel [the idea that Christians have a responsibility for improving conditions on earth]. I think in that environment I became a pacifist and eventually a socialist."

Sibley describes his decision to become a Quaker as a "very slow growth." He came in contact with many Quakers, or Friends, when he began working with the Family Institutes of the American Friends Service Committee after World War II.

He admired their humanitarian goals and commitment to peaceful resolution of conflict, but he was reluctant to become a Quaker himself because of the Quakers' belief that everyone should be a minister. "Ostensibly you take on an enormous responsibility when you become a Quaker," says Sibley. "I felt inadequate." He eventually joined because he said that making a public commitment to Quaker ideals was important even if he doubted his ability to live up to them.

Other than a religious outlook, the most important early influence seems to have been voracious reading, coupled with introspection. It was a mode he was able to continue by pursuing an academic career — first at the University of Illinois and since 1948 at the University of Minnesota.

It is possible that Sibley's natural shyness, a disarming quality that still lingers, is partly responsible for his outlook. Because of his shyness and his taste for ratiocination, he has been detached enough from his fellows to measure human behavior against his ideals.

His detachment, however, has not led to self-satisfaction, nor a condemnation of individual differences. On the contrary, part of his drive seems to come from a nagging

dissatisfaction with himself, and he is fascinated by human differences.

His own heroes have ranged from military and political leaders — Gustavus Adolphus and John Quincy Adams in his boyhood — to the advocates of nonviolence — Gandhi and John Fox, a Quaker. Since his late 20s, however, Sibley has more or less stopped believing in heroes. "I began to see feet of clay in everyone, including myself," he says.

Although Sibley advances his views with conviction, he tends more to the calm intonations of a professor than the fiery oratory of a prophet. For all of his pacifist tendencies, he frequently uses military metaphors to make his points. The metaphors are apt for a man who stands somewhat awkwardly before us, clad in the armor of rationality, bidding us to renounce our self-destructive ways and heed the counsel of our own best selves. **AA**

Barbara Crosby is a free-lancer in the Twin Cities.



BOB LEVINE

Return on Your Investment

What's so great about Minnesota?

It's a fair question. People complain about the bitter cold of winter, mosquitoes in the summer, and high taxes all year around.

Yet four million people live healthy, productive lives here. Outsiders often look with envy and wonderment at the regularly published national ratings putting Min-

nesota at or near the top in terms of "quality of life."

Quality of life can be whatever people consider it to be. To some it is clean environment. Or clean government. Job opportunities. Elbow room. Recreation. Culture. Spirit of the people. The list is long.

Many things made it that way. Nature's gifts of good land and water gave us a start. People made the most of it, through muscle and

through mindpower, the product of an education system from kindergarten through college that has enjoyed a high priority in Minnesota since territorial times.

The keystone of the system is the University of Minnesota, chartered seven years before the state was admitted to the union. How good an investment has it been? That is the subject of this report, prepared by the Office of University Relations.

The University of Minnesota is the single greatest center of creativity in Minnesota. The students it educates, the ideas it generates, and the medical, scientific, agricultural, and economic activities it stimulates represent an enormous resource that contributes directly to the economic, intellectual, and cultural life of Minnesota. A state of Minnesota without a vibrant and healthy University of Minnesota would soon be a poor state — in both mind and body.

Not only does the University educate tens of thousands of students of all ages, but its cultural and intellectual activities have enhanced the quality of life in every corner of the state.

Sound Economics

More tangibly, the activity of the University's faculty and staff produces direct economic benefits for all Minnesotans. Here are several examples:

The Minnesota taxpayer benefits every time the University attracts more private funding that is spent in the state. The University generates more private support — \$40 million a year — than does any other public university in the nation.

The Minnesota taxpayer benefits every time the University secures federal research grants and contracts — a total of some \$90 million a year. Only two other public universities generate more federal research dollars than does the University of Minnesota. These federal research

dollars, in turn, create more than 6,000 Minnesota jobs and millions of dollars in state income and sales tax.

Roughly calculated, the entire amount the state spends on research at the University is returned to the state treasury through tax earnings generated by federal grant money. If one looks at state research grants as "seed money," the return is excellent. The state receives all of its research grant money back, along with the enormous benefit of the products of that research.

The Minnesota taxpayer benefits every time new jobs are created. Every \$100,000 in research grants received creates six to eight jobs — three or four of them outside the University. The University employs more than 31,000 Minnesotans. At the same time, only 38 percent of the

University's income comes from the state.

The Minnesota taxpayer benefits to the economic tune of some \$140 million additional federal and private dollars each year.

Applying a conservative multiplier, the total direct and indirect impact of expenditures on the state's economy exceeds \$1 billion. The total employment impact, calculated by a range of conservative multipliers, is between 60,000 and 80,000 jobs. Of these, 30,000 to 50,000 are jobs supported outside the University.

The economic impact of University research on the state is difficult to measure, but enormous savings are realized by the more efficient management of resources and better business practices made possible through University research. For example, the 10-

crease in Minnesota's agricultural productivity due to applied University research is \$700 million to \$800 million annually.

Era wheat, the most phenomenally successful of all plant varieties developed at the University, has brought an estimated \$337 million in additional income to Minnesota farmers. Almost three-fourths of the acres of wheat in Minnesota are planted with University varieties, and the great majority of those acres are planted with Era.

Morex barley, developed at the University, has become the most widely grown barley in the United States. The economic benefit has been calculated at \$10.7 million in Minnesota and \$28 million in the nation in 1981 alone.

Several University soybean varieties account for about 40 percent of the Minnesota acres planted with this crop. A conservative estimate is that these varieties resulted in \$32 million in additional income for Minnesota farmers in 1981, a period during which the whole soybean breeding project cost \$110,000.

The state's \$2 billion taconite industry would not exist were it not for University Professor Edward Wilson Davis, who developed the method for extracting the magnetic iron particles from taconite. Both Reserve Mining and Erie Mining were formed as a result of his work, four new cities sprang up along the Mesabi range, and others were revitalized. By 1978, Minnesota's taconite industry met two-thirds of the nation's need for iron ore.

Staff and recent graduates of the Institute of Technology have been instrumental in developing 44 new Minnesota companies. Two thirds of the scientists involved in Minnesota's \$2 billion high-technology industry have come from the classrooms and laboratories of

the University of Minnesota. The impact of the University on high-technology industry extends beyond the metropoli-

knowledge and creativity necessary to solve Minnesota's problems and plan for its future.

steel-frame skyscraper
— production of a live calf from freeze-dried sperm
— virtual elimination of

The University generates more private support than does any other public university in the nation.

tan area through all of Minnesota: the 16 largest companies on which the University has had the strongest impact employ some 15,000 workers outside the Twin Cities area, or about 25 percent of the total number of high-technology employees.

More than 150 University outreach programs solve countless problems for Minnesota citizens at little or no direct cost to the user. The Agricultural Extension Service is the largest such effort, coming into direct contact with thousands of Minnesotans each day and bringing results of research into practical application, adding millions of dollars to the state's agricultural income. Smaller outreach programs also bring University knowledge directly to the people who need it. The Management and Technical Assistance Center, for instance, solves problems for small business and in the last year alone preserved or created more than 100 jobs in Minnesota.

People and Ideas

As a major research institute with high national standing, the University of Minnesota attracts gifted thinkers to the region, thereby adding directly to the state's human resources. Similarly, through its teaching efforts, the University produces people with the

Among the most prominent achievements of University faculty members are:

- the first use of an artificial pancreas in a diabetic patient
- development of the taconite process
- the first successful use of a heart-lung machine for open-heart surgery
- the first successful implantation of an artificial heart valve
- development of a mobile system for preservation of transplantable human organs
- the world's most successful kidney transplant center
- the first successful bone-marrow transplant
- development of the first total body X-ray scanner
- development of laminar flow rooms to minimize hospital infections
- a major contribution to the invention of synthetic rubber
- elimination of wheat rust and other plant diseases
- the isolation of uranium isotope U-235, which led to nuclear fission
- invention of the DeWall Oxygenator (heart-lung machine)
- advanced development and miniaturization of the mass spectrometer, an instrument for analyzing the composition of substances
- the design of Mars exploration experiments using the mass spectrometer
- the patent for the first

dozens of poultry and livestock diseases

- work leading to elimination of farm deaths caused by fumes of fermenting corn and alfalfa silage
- new methods for making particle board from forest waste products
- better parching methods for the wild rice industry
- purer cultures for cheese manufacturing
- the first use of artificial blood in a human patient
- the hybridization and release of new varieties of corn, wheat, flax, soybeans, bluegrass, potatoes, barley, oats, sunflowers, apples, ornamental plants, and flowers.

The University of Minnesota provides the state with the valuable resource of experts trained in a wide variety of fields who make their services available to state government, industry, small businesses, social service groups, schools, and individuals.

Two-thirds of the College of Education faculty members are involved in consulting and project development work with Minnesota school systems. They serve on state policy committees and their advice is regularly sought by school systems, the state Department of Education, and various legislative groups.

Virtually every major company and a great many of the smaller companies in Minnesota come to Institute of Technology faculty members for

consultation. The IT faculty spends between 200 and 600 hours each week in free consultation by telephone.

the nation. Since June 1873, when the first two degrees were awarded, the University has granted 342,550 degrees.

Munn, Bronko Nagurski, Charles ("Bud") Wilkinson, Dave Winfield, John Astin, Olivia Cole, Bob Dylan, Hen-

to help Minnesota farmers preserve irreplaceable soil and water. Fifty years ago, one Minnesota farm worker generated enough food to feed six people; today, one Minnesota farm worker generates enough food to feed 100 people.

The poultry industry is an important part of Minnesota's economy. University scientists have perfected a new method of packaging fresh poultry that extends shelf life, making cheaper methods of transportation possible. Similarly, new techniques have been developed for milk quality control, wild rice processing, cheese manufacturing, and milk transport. These techniques reduce waste and consumption, and increase productivity.

Recent studies have found ways to decrease pneumonia in dairy calves, a costly disease on Minnesota farms.

Minnesota faces the threat of dwindling forest resources. Researchers are developing genetically superior, more productive seedling stock for reforestation.

Water resources engineering work has focused on ways to get the most from Minnesota lakes and rivers without damage or depletion. Research has led to the discovery of several carcinogenic chemicals in the Mississippi River, and studies continue on the most economic ways to remove those chemicals. When carcinogenic compounds were found in the St. Louis Park municipal water supply, the University was able to recommend the most effective methods of removal.

To ensure uninterrupted barge traffic on the Mississippi River, the St. Anthony Falls Hydraulic Laboratory is studying ways of dredging the river economically without interfering with the river's recreational use and environmental quality. Current research, using field studies as well as com-

Since June 1873 the University has granted 342,550 degrees.

University faculty members serve on more than 40 state government commissions, agencies, and task forces. They offer technical expertise and advice to such diverse bodies as the State Planning Agency, the Department of Natural Resources, the State Ethics Commission, the Task Force on Pesticides, and the Supreme Court.

Faculty of the School of Management provide expert advice freely by telephone to Minnesotans in both the public and private sector. In addition, they offer numerous seminars, on-site evaluations of management problems, and continuing education programs for managers. The Business and Technology Partners Program, a joint project with the Institute of Technology, is one example of exchange between the University and Minnesota business. Program participants provide support to the University and receive individualized research results, tailor-made training programs, library use, and direct contact with students.

Notable Alumni

One of the University of Minnesota's most important contributions is the graduates it produces. At the University, students are exposed to knowledge — both the newest information and the most ancient — and emerge prepared to tackle today's problems, both for the state and

Each year, more than 10,000 students receive diplomas. More than 14,000 students have earned doctor of philosophy degrees here; last year alone, 507 Ph.D.'s were granted. Seventy percent of all graduates stay in Minnesota for their first jobs, and many have gone on to great distinction.

Three University alumni have won Nobel Prizes: Norman Borlaug, Walter Brattain, and Melvin Calvin.

Many University alumni have emerged as leaders in public affairs, including Elmer L. Andersen, Wendell Anderson, Warren Burger, Everett Dirksen, Donald Fraser, Orville Freeman, Hubert Humphrey, Walter Judd, Harold LeVander, Eugene McCarthy, Walter Mondale, Wayne Morse, Harold Stassen, Carl Stokes, Roy Wilkins, Whitney M. Young, Jr., and Luther Youngdahl.

The list of eminent journalists who are alumni includes Hedley Donovan, Harry Reasoner, Carl Rowan, Harrison Salisbury, Max Shulman, and Eric Sevareid.

Some of the most prominent names in medicine belong to University alumni, including Christiaan Barnard, Robert A. Good, C. Walton Lillehei, Norman Shumway, and Owen Wangensteen.

University alumni who have achieved distinction in sports and entertainment include Patty Berg, Bernie Bierman, Herb Brooks, Dan Devine, Carl Eller, Paul Giel, Bud Grant, Clarence ("Biggie")

ry Fonda, Peter Graves, Linda Kelsey, Gale Sondergaard, and Robert Vaughn.

Other notable alumni include balloonist and clergywoman Jeannette Piccard and astronaut Donald ("Deke") Slayton.

The Minnesota Composers' Forum, created by two University graduate students, has developed such a strong reputation that it attracts participants from throughout the country and Europe.

School of Music graduates have become performers for the St. Paul Chamber Orchestra, the Minnesota Orchestra, the Metropolitan Opera Company, and opera companies in Europe. Graduates hold many of the state's church choir directorships and organist positions.

Six out of ten art history instructors in the Upper Midwest studied at the University of Minnesota.

Problems and Solutions

In many ways the efforts of the University's people are focused on finding solutions to Minnesota's problems. Some examples follow:

Since 1887, the Agricultural Experiment Station has been working to improve Minnesota's agriculture. New high-yielding, disease-resistant plants have been developed for Minnesota farmers. Resource conservation techniques have been developed

puterized mathematical models, will help reduce the amount of dredging required to keep the river open for barge traffic.

Minnesota's most important known mineral resource is the low-grade but extensive deposit of copper-nickel ore in the Duluth gabbro region, northeast of the economically depressed Iron Range. Currently, this resource is valued at more than \$100 billion. This ore body, which includes vast amounts of cobalt and precious metals, may have the potential to increase U.S. copper reserves 30 percent and nickel reserves sevenfold. The Mineral Resources Research Center is looking for the best ways to extract and process the minerals while conserving energy and keeping negative environmental impact to a minimum.

Because of its severe climate, Minnesota's energy costs are high, both for homeowners and for businesses. The Underground Space Center is an international center for pioneering work on underground construction. Year-round constant temperature of 55 degrees just 25 feet below the surface could be used to effect substantial energy and cost savings if construction questions can be answered. Through its research, the center is studying residential, commercial, and industrial uses of underground space, adding information about design, energy use, psychological effects, and policy and financial considerations.

Minnesota is faced with shortages of traditional energy sources and rising energy prices. Unless the state reduces its demand for energy or increases its supplies of alternative energy sources, the state may face severe economic hardships in the future. Development of peatlands could improve the economic health of portions of the state, particu-

larly the Iron Range. University researchers are studying the issue to help the state make informed decisions on the development of millions of acres of as yet undeveloped land.

Researchers are also studying other energy sources including wood pellets, cattails, synthetic gas, cornstalks, manure, wind generators, and solar collectors. Uses of massive wooden flywheels, limestone cliffs, and underground aquifers are also being studied as innovative techniques.

University scientists have investigated the Minneapolis lake system and found that urban roadways may contribute to problems with algae in local waters. But not only urban waters suffer from too much nutrition. In the early 1970s, scientists at the Morris campus analyzed the deterioration of Eagle Lake, which attracted heavy recreational use. By the late 1960s, 90 percent of its five miles of shoreline had been developed with more than 200 homes and cottages. As a result of University efforts, a sewage system was installed for the lake's homes, and scientists are now assessing how that system has changed the lake.

Ten years ago, Minnesota faced a serious shortage of physicians in rural areas. Recognized statewide, the problem led to a state-funded University program directed at solving it. Since the Rural Physician Associate Program began linking medical students with physicians in rural communities for a year of practice, some 70 graduates have chosen to practice in nearly 50 Minnesota rural communities. But there is still a need for more physicians in Minnesota, especially in the northern parts of the state. No doubt some of the 37 currently enrolled students will eventually help to fill this gap.

University ecologist Eville Gorham has established three testing stations — at Hovland in northeastern Minnesota, at Itasca, and in southeastern North Dakota — to study "acid rain," which scientists speculate led to the rapid decline of fish populations in southern Scandinavia. By monitoring rainfall and dust at these locations, he hopes to learn enough to prevent formation of "acid lakes" where, due to chemical changes, the waters become crystal clear but empty of aquatic life.

Tourism and recreation are the basis for a \$3 billion industry in Minnesota, and University researchers are working to keep them healthy. Agricultural Extension Service staff members are working with the Arrowhead Tourism Association to help businesses face the impact of the 1978 legislation limiting use of motorized vehicles in the Boundary Waters Canoe Area. Other research is aimed at finding economical ways to freeze fish sperm and eggs to decrease the expense of stocking more than 300 million game fish in Minnesota waters each year.

Improved Health Care

Minnesota is a state known for its high quality of life. Much of the growth in that already high level of quality has been and will continue to be the result of University of Minnesota endeavors. Obviously, stimulation of the state's economy plays a big part in raising the quality of life for Minnesotans. But that quality is made up of several other factors as well.

Through the presence of the University of Minnesota health sciences center, health care in Minnesota has improved

steadily over the past several decades. Minnesota is the safest place in the world in which to have a baby because of the high quality of obstetrical training offered at the University and carried out into the state's communities.

The University Hospitals complex serves a wide regional market. Of the 21,268 patients admitted to University Hospitals in 1979-80, 55 percent were people from outside the Twin Cities area.

As a hospital center for all of Minnesota, University Hospitals provide highly specialized health services for acutely ill patients referred by physicians from throughout the state and Upper Midwest. Physicians trained at the University have taken the latest information with them to their practices in communities around the state, making more complex medical care available to Minnesotans in their home communities.

The University takes its skill and knowledge of the latest and most effective techniques out to the people of the state through 25 programs that train health professionals, provide public information, consult on site with a wide range of Minnesota health care agencies, and direct medical care and counseling for thousands of Minnesotans in special clinics and programs throughout the state.

The Rural Hospital Co-op serves 13 hospitals in central and western Minnesota, providing medical specialty services in 10 disciplines and in-service education to local professionals. One measure of the program's success is that nearly 90 percent of patients referred for consultation by visiting University Hospitals specialists are able to complete their diagnosis and treatment without ever leaving their hometowns.

Through Continuing Nursing Education, nearly 4,000 registered nurses attended

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courses held during the last year in Morris, Fairmont, Montevideo, Little Falls, Marshall, Virginia, Willmar, Duluth, Brainerd, Bemidji, Moorhead, and Rochester.

Community Services works with 90 small hospitals and nursing homes throughout the state, providing about 150 programs and consultations each year.

Through the Rural Physician Associate Program, students spend a year in rural settings to give them a comprehensive picture of the advantages of rural health care as a career choice.

Since the School of Medicine in Duluth opened in 1972 as a two-year basic science training program, its major goal has been to train doctors who would fill the need for family physicians in the state's smaller cities and rural areas.

University of Minnesota Hospitals hold a unique place in medical history. It was here that doctors performed the first open-heart surgery in 1954. Today, Minnesota is recognized as the organ transplant center of the world and the safest place in the world to have a kidney transplant.

It was here that the heart-lung machine for open-heart surgery was first used successfully. Other achievements include the world's first successful implantation of an artificial pancreas in a diabetic patient, the first successful bone-marrow transplant, and development of the first total body X-ray scanner.

Ninety percent of the pharmacists practicing in Minnesota were trained at the University. More than half of the public health officials in the state are University trained.

The University's health sciences faculty is currently involved in many projects that will result in improved quality of life for Minnesotans. For instance, a promising new drug

in the fight against organ rejection in transplant patients is now being used successfully at the University, one of only a few institutions in the country authorized to use it on an experimental basis.

A mass screening of about 500 black adults in north Minneapolis is currently under way as part of the University's hypertension control program. Information gathered will direct the course of future public health programs for this high-risk group.

University-sponsored genetics diagnosis and counseling clinics are now operating in Mankato, Minneapolis, St. Cloud, and Duluth. The program assists community physicians in their diagnosis, treatment, and counseling of patients and families with genetic and birth defect problems.

The only clinic in the world devoted exclusively to the study of albinism is located at the University of Minnesota.

Several frontiers in bone-marrow transplantation, including its use in preventing rejection of transplanted organs and side effects of cancer therapy, are being explored at University Hospitals. The University has been designated by the National Institutes of Health as one of the nation's six major bone marrow transplant centers.

Public Service

Similarly, the quality of life in Minnesota is enhanced by the University's commitment to public service. More than 150 programs have been organized to reach out to Minnesotans, solving problems and bringing to the community the vast store of knowledge available at the University.

Through the Small Business Institute on the Duluth campus, seniors in business

administration and accounting work in teams to aid small businesses in the region in solving problems that are beyond the expertise of the managers involved. About 150 area businesses have been helped since the program began.

For more than five years, the Sea Grant staff has worked with people along the Lake Superior shoreline to solve problems, answer questions, and make them aware of the value of the resources within their grasp. The water recreation industry has been an important audience for Sea Grant efforts, but staff also work with commercial fishermen, coastal property owners, educators, local governments, and the public.

The Language Bank, operated by the International Student Adviser's office, the Minnesota International Student Association, and the Minneapolis Police Department, offers 24-hour service to people needing translators.

Developed by the Hennepin County Medical Center and the University of Minnesota, the Hennepin County Poison Control Center answers questions about poisoning from both health professionals and the public 24 hours a day. The center originated the famous "Mr. Yuk" public information program for young people.

University Hospitals' Family Practice Clinic is available to Twin Cities residents in need of a family doctor. Currently, the clinic sees 10,000 patients each year.

Faculty and students of the School of Dentistry visit high-rise residences for senior citizens in the Twin Cities twice a week to make and fit dentures for those without regular dental care. During the summer, dental students spend time in rural communities delivering dental care to local residents.

Last year alone, through the Drug Information Service Center, 5,000 Minnesotans were told about such subjects as over-the-counter and prescription drugs, conception control, drugs and pregnancy, and the dangers of mixing certain prescribed drugs with each other or with alcohol.

Through Law School clinics law students help Minnesotans fill out their state tax forms and give low-income clients legal assistance. Through this effort, many of those helped have been kept off the welfare rolls.

Cultural Benefits

Like any industry, the arts have a major effect upon a community. Cultural organizations attract visitors to the community; figures show that out-of-town visitors attending an arts event will spend more than three times the cost of the ticket on such things as food and parking.

A healthy mix of cultural organizations also adds appeal to a community, attracting new business and top-flight employees. Minnesota has been lauded for its quality of life, and the Twin Cities have been cited as the cultural mecca of the Midwest. Corporate recruiters use the area's cultural life as a carrot to lure prospective employees. Arts organizations employ workers, buy supplies, construct and maintain buildings, print and publish, advertise and promote, and use the services of attorneys, accountants, architects, insurance firms, and realty brokers.

The University of Minnesota is one of the state's largest purveyors of the arts.

At each performance at local theaters and concert halls, a major portion of the audience

is composed of current or former University students.

When New York's Metropolitan Opera Company goes on tour each year, one of its seven stops is Northrop Auditorium, where it draws spectators from as far away as Oregon and Saskatchewan. People in 27 states have ordered tickets for the group's Twin Cities visit. Last season, some 33,000 people attended.

The University provides the state with its main exposure to professional dance. Each year, about eight major companies are brought to Northrop. During the 1980-81 season, 146,562 people attended dance performances at Northrop.

The University's coordinate campuses offer artistic performances that would not otherwise be available to their communities. The jazz festival each spring on the Morris campus is the one chance for people in the area to hear live jazz. The two-week Summer Festival of the Arts in Duluth was started in 1980 to attract visitors to the city for musical, theater, and dance performances. In the first year, 36,000 people from Duluth and Superior attended, along with 14,000 people from other areas.

Until the Guthrie Theater was born in Minneapolis in 1963, theater in the Twin Cities was available mainly at the University. It was the University Theater's former director Frank "Doc" Whiting who was responsible for persuading Sir Tyrone Guthrie to establish his regional repertory company here.

The University has an effect on the national art scene as well. Some faculty members are better known in national circles for their artistic expression than they are on their home campuses. Dominick Argento, one of America's leading composers, won a Pulitzer Prize in 1975 for his song cycle *From the Diary of*

Virginia Woolf. Studio arts professor Warren MacKenzie has been named one of the world's greatest living potters by the foremost ceramics

temporary storage in two Minnesota sites. These temporary storage facilities will soon be full, and there is an urgent need to find a long-term solu-

been compared to an underdeveloped nation. At present, there is no comprehensive program for developing that wealth. University investiga-

Minnesota is the safest place in the world in which to have a baby because of the high quality of obstetrical training offered at the University.

magazine in the country. Guitarist Jeffrey Van has performed in San Francisco and London and Carnegie Hall in New York. Duluth artist Cheng-Khee Chee is one of the leading watercolorists in the country.

Developing an audience with a voracious appetite for the arts may be one of the most important and overlooked contributions the University makes. The University acquaints students with the arts and feeds the arts' most critical need — an appreciative audience that ensures their continuation.

Environmental Quality

The nature of each Minnesotan's surroundings is a critical piece of the puzzle that makes up the state's quality of life. University researchers are currently directing their efforts toward several environmental issues that affect Minnesotans.

During the past three decades, large quantities of nuclear waste, which will remain at dangerous levels of radioactivity for thousands of years, have been accumulating in the state and throughout the nation. Highly radioactive nuclear waste that generates significant quantities of heat is in

tion to disposal of this waste in an environmentally acceptable manner. University researchers are investigating the disposal of radioactive waste in repositories excavated in deep geologic formations. Although several other disposal options have been discussed, including shooting the waste to the sun, burying it deep in ocean sediment, and allowing it to melt its way into the crust of the earth, national policy currently favors geologic disposal as the safest, most effective, and most feasible alternative.

Environmental engineering work currently under way is aimed at finding improved methods of treating water supplies to produce better quality drinking water; treating wastewater to remove more effectively and economically pollutants in domestic, industrial, and urban wastewaters; and recovering energy from waste materials.

Minnesota is the nation's leading nonfuel mineral producer; its taconite-pellet production accounts for two-thirds of the country's domestic iron ore production. Minnesota's most important known mineral resource is the extensive but low-grade deposit of copper-nickel ore in the Duluth gabbro region, but because significant amounts of its mineral resources remain uncharted and unexploited, the state has

tors have been experimenting with this copper-nickel ore since 1976, searching for the most efficient methods of extracting and processing the minerals while preserving the environment.

As the oil crisis worsens, Minnesota's dependence on coal will increase, bringing with it the serious environmental consequences of airborne sulfur pollution. University scientists are experimenting with bacteria that can consume the sulfur contained in coal, thereby preventing the sulfur from entering the atmosphere.

Five University scientists are studying the properties of aerosols, the way aerosols form and spread and interact, so that their effects on visibility, climate, and human health can be better understood.

The municipal water supply for the city of Duluth is currently being tested and evaluated for asbestos fibers. In addition, other ongoing projects include X-ray diffraction and electron microscopy analysis for the state's Environmental Research Laboratory and continual monitoring of Lake Superior mineral fiber pollution. Preliminary findings indicate that since Reserve Mining Company's on-land taconite waste disposal began, fiber counts in Lake Superior waters have been decreasing.

Evaluation of environmental and health effects of the experimental coal gasification plant on the Duluth campus is

professionals and distributes information on early childhood education, a physical education program for children with

of new energy sources. The Energy Information System is one such project. Through this system, energy use can be

tory, mapping, and planning system for state resources in the world.

University resources were brought to bear on how best to plan for the future of Minnesota's lakeshore property. The result: a body of information used by the state government in setting lakeshore zoning policies.

The University joined with the state's planning agency to produce a comprehensive source of information on Minnesota's natural resources, production system, and people. The resulting publication, *The Atlas of Minnesota Resources and Settlement*, is a valuable tool decision makers can go to for accurate and exhaustive information.

Based on its examination of the energy, economic, social, legal, and environmental issues, CURA's peat policy panel has drawn up recommendations for developing Minnesota's peatlands. The material will be used by policymakers in determining the future course of peat development.

The Minnesota Analysis and Planning System is one of the most complete data centers of its kind in the country. MAPS annually handles more than 1,000 clients looking for specialized economic, fiscal, and demographic information about Minnesota. People use the information in many ways: a superintendent of schools used census data to set up a human relations workshop for faculty in his area; new teachers have used the data to learn about the communities in which they'll be working; a hospital administrator used the service to pull together information on the social and economic aspects of poverty for an advisory committee on mental health; and a member of the St. Paul City Council used the information to prepare a socioeconomic profile of St. Paul residents. **M**

University scientists are experimenting with bacteria that can consume the sulfur contained in coal.

an ongoing air and water quality program of major importance. During the past year, sampling methods for coal, ash, tar, char, and water were refined.

Education and Government Leadership

The University plays an important leadership role in Minnesota, setting the agenda for proper and creative management of the state's total education system, its urban planning, and its policy issues.

The College of Education is ranked among the top 10 educational research and development centers in the United States. The work of the college is made available to educators throughout the state through consulting activities and program development.

Typically, more than 300 continuing education courses are offered yearly that benefit teachers in service. Each summer, educators from throughout the state take advantage of University lectures, workshops, classes, and demonstrations for teachers, administrators, and other school personnel.

Outreach projects that serve schools directly include a program for Native American students, a reading project to develop curricula for the handicapped, a center that trains

handicaps, and a six-district consultation and training project in Pine County to help educators develop effective special education programs.

The College of Education has consistently supplied between 15 and 20 percent of the state's new teachers and a higher percentage of administrators and counselors.

The level of cooperation and coordination between the University, the state Department of Education, and local school districts is higher in Minnesota than in any other state in the union.

The University's Research Coordinating Unit for Vocational Education develops teaching materials and tests used throughout the state and conducts research in counseling programs for high school students, and vocational teacher competency tests. Last year more than 10,000 people used materials from the unit's computerized library of materials on vocational and career development.

The University provides basic information and organizes policy studies to aid Minnesota's policymakers in a number of ways. Government agencies have been helped through planning studies on disease control in shade trees, preservation and use of water, copper-nickel mining, soils surveying, prevention of ground water contamination, land use, development of peat as an energy source, and use

evaluated in each region of the state, supply and demand can be monitored, and shortages can be identified.

Professor John Borchert has made a career of applying the principles of geography to the problems of land use and management of resources. His work has led directly to improvements in Minnesota highway, park reserve, and sewer system planning.

The Center for Urban and Regional Affairs concentrates its efforts on policy issues inherent in community and urban development. A recent CURA study focused on the recent rapid conversion of rental housing to condominiums in the Twin Cities area, isolating the reasons for this change. Another CURA study scrutinized the rapid changes in land use in Olmsted and Wright Counties, where farm land is rapidly being converted to urban use. CURA and the Institute of Technology have combined forces to design an advanced form of public transportation that will meet Minnesota's problem of increased demand and decreasing gasoline supplies.

More than 100 University faculty members serve on 40-some state government commissions, agencies, and task forces.

Frequent state use is made of the University's Minnesota Land Management Information System, which provides the best computerized inven-

BOOKS BY ALUMNI

Reviews by Chuck Benda

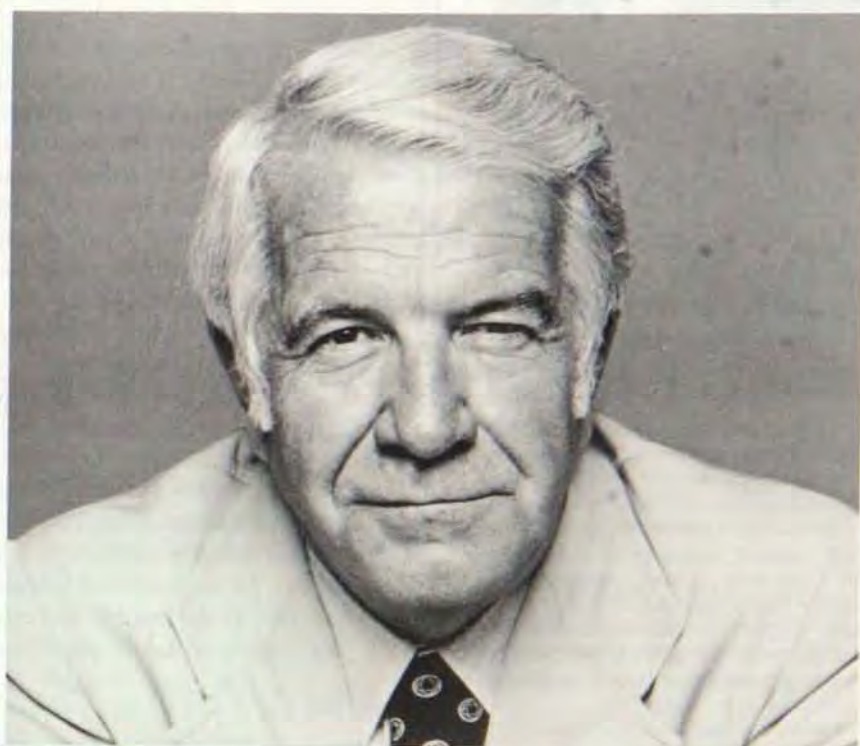
Before the Colors Fade, by Harry Reasoner. Alfred A. Knopf, Inc., New York, N.Y. \$11.50

What I want to talk about is the first 25 years of television news, or at least my first 25 years in television news, which is approximately the same thing. . . . This is not a history of television news, and it is not quite autobiography either. It is an attempt to get some of this down. . . . before the colors fade."

And, after those remarks in the introductory chapter, Harry Reasoner, a former student, proceeds, in a great, rambling style, to construct a collage — of anchormen and administrators; of politicians and great news stories; of life and love and Harry Reasoner — that portrays the birth and adolescence of television news and mimics the random hodgepodge of circumstance that seems to have shaped the career of one of America's great anchormen.

From Minneapolis to New York; from Edward R. Murrow to Lyndon Baines Johnson; from Sputnik to Vietnam; Reasoner ambles, painting his self-portrait and sketching an insider's perspective of the people and events, great and small, that shaped television news as we know it today.

Sig Mickelson was the president of CBS News in the summer of 1956. Mickelson, who had been a teacher of Reasoner's at the University of Minnesota, gave Reasoner his first big break, offering him a job in New York as a summer replacement on an assignment desk. Reasoner took it from there. By early winter of 1957 he had been named a CBS news correspondent, the first to be named out of television news. His title was the same as the famous Edward R. Murrow, and



Harry Reasoner

he said he was in "as impervious a state of euphoria as I have ever known."

At times Reasoner's rambling style becomes aggravating. (In a chapter entitled "Little Rock" he manages to weave in anecdotes of his army career and how it never led anywhere because he couldn't pith a frog, advice from his Aunt Maurine, and an amorous peccadillo that ended when a government aide dumped him for Rex Allen, the country singer) but never boring. He tells the Little Rock story — the first of the great human rights confrontations and the beginning of integration and bussing — as a reporter, as a political analyst, and as a human being caught up in the middle of it. It is a composite rendering that never reached the network news.

Through all of Reasoner's musings — over the landmark news stories, early programming, the

CBS luminaries — the most fascinating view that emerges is that of Reasoner the man.

From the start, it is obvious that he is not a self-serving man. Although he takes time out to editorialize and philosophize, he is a news man, and he is careful to separate his opinions from his reportage. And it is in the realm of reportage that Reasoner most often writes of himself. He treats his weaknesses and his strengths with equal candor.

It seems that as he approaches the denouement of his career, Reasoner cares little for what others think of him and this book he has written — far less than in the early days when it bothered his ego to have to work under "Charlie Kuralt." In fact, he seems to enjoy poking fun at his ambition, his ego, his faux pas. Only when the privacy of the people whose lives he touched and was touched by is threatened, does he shy away from



Arthur Poole '17 was, prior to his retirement, nationally known in maritime finance. In the 1930s, he joined American President Lines as Vice President, Treasurer and Director at the request of Joseph P. Kennedy, then Chairman of the United States Maritime Commission. Mr. Poole continues to play an active role in the financial world. He and his wife Helen, previously engaged in public relations, live in Palo Alto, California.

"I made my first gift to the University of Minnesota's Pooled Income Fund A in 1976. With increasing concern about the ravages of inflation and its devastating effect on the value of the dollar, I encouraged the Foundation to establish another fund last year. Pooled Income Fund B is designed to keep pace with inflation by emphasizing growth, and to insure that the University, in due course, receives a benefit equal to or exceeding the real dollar value of my gifts to it.

"My gifts have provided management supervision, insured future security for Helen, and satisfied my urge to assist the University that prepared me for many parts of my life. I encourage you to return the coupon below to discover alternatives available to you to help yourself, those you care for and the University of Minnesota."

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the details, and then it is because, he says, "even though the most important quality a reporter can have is detachment, you have to be able to love too."

Perhaps the greatest strength of *Before the Colors Fade* is that Reasoner never takes himself too seriously. Yet he knows that he played an important role in the development of television news and was privy to a view through a special window on that development. There is Reasoner the reporter — determined to "get some of this down" before it is too late — and there is Reasoner the man — determined to do it his way and have fun doing it. The result is a book that is history, autobiography, and good, clean fun.

In Brief . . .

Why we Haven't Changed the World by Peter E. Gillquist, '60. Fleming H. Revell Company, Old Tappan, New Jersey, \$8.95.

During his senior year at the University of Minnesota, Peter Gillquist was confronted with what he considered the greatest challenge of his life — "to help change this dying world through global evangelism, winning men and women to Jesus Christ." A self-proclaimed "aggressive evangelist" for the next 10 years, Gillquist discovered that he was not meeting the challenge; that the evangelistic efforts he and many others were making were not producing the changes they expected. In this — the fifth of Gillquist's books on religious topics — he searches for explanations for that failure. Gillquist has a bachelor's degree from the University and did graduate work at Dallas Theological Seminary and Wheaton College graduate school.

Solace: the Missing Dimension in Psychiatry by Paul C. Horton, M.D., '68.

The University of Chicago Press, 5801 South Ellis Avenue, Chicago, Illinois, 60637. \$15.00

A blanket, a baseball glove, a favorite doll, or a teddy bear; what do these endeared objects do for the growing child? They all are transitional objects, objects that provide comfort and solace for children as they become increasingly independent. But more importantly, they represent, according to Dr. Horton, an essential component of life-long psychological growth; the ability to find solace in what is often a difficult world. Dr. Horton's book is a scholarly work based on his clinical practice and research, and yet it is accessible to the layman. Dr. Horton is a practicing psychiatrist and clinical consultant in Meriden, Connecticut.

The Chesapeake and Ohio Railway: George Washington's Railroad by Patrick C. Dorin, '77. Superior Publishers, Box 1710, Seattle, Washington, 98111, \$24.95.

If the "Orange Blossom Special" is more than a song to you; if you know the difference between a Pere Marquette 0-6-0 locomotive and rolling stock, or would like to, Dorin's latest book on railroads will tell you everything you ever wanted to know about the "Chessie System." This book, Dorin's 15th railroad book, includes more than 450 black and white photographs and provides a detailed history of this small eastern railway. Dorin received his doctorate from the University and is currently a school principal and teacher in Cambridge, Minn.

And She Almost Quit

She almost quit the team last year, but now, in her third year on the Gopher volleyball team, Jill Halsted is glad she didn't. After Minnesota gained an at-large berth in the AIAW volleyball championships in Tallahassee, Fl., recently, Halsted helped her team upset two top-seeded powers en route to a seventh-place finish in the nation.

To put icing on the cake, Halsted, a 5-foot-8 junior from Brooklyn Park, became the first Gopher in the nine-year history of Minnesota volleyball to be named to an all-America team.

Though it was a big year for Halsted and the Gophers, she was not surprised by the team's record nor by the honors she received. "We've got a good team, so our record didn't surprise me, and being named all-American didn't surprise me because I had such a good year. The only thing I was surprised about was our play in the national tournament. We barely got it, so we were really thrilled just to be there. Then they seeded us last, so we went out and beat the third and sixth seeds. We had a good time."

Despite her recent distinction Halsted remains humble. "I don't walk around thinking I'm an all-American," she said. "The community doesn't seem to think it's that big a deal, so it's kind of hard for me to think about it all the time. I don't think I'll have a problem holding on to my bearings because of this."

Her coach, Linda Wells, agrees. "Jill is an interesting person," she

said. "She's an all-American volleyball player as a junior, she's an attractive kid, she gets along well with the team members, yet I've never known her to be swollen-headed. She's not egotistical and she doesn't think she's better than anyone else."

But Halsted, the team's middle hitter, hasn't always received this kind of attention. "Jill actually was a very 'iffy' recruit," Wells said. "It's not fair to say we didn't think she would develop. We wouldn't have taken her if we thought that. But as far as being the strongest recruit in the state or having a lot of people chasing her, that wasn't the case. We thought she would come here and make a contribution for four



Jill Halsted

years. We didn't know she had this stardom ability. I think for her the difference has been that she likes the game a lot and she's such a perfectionist."

Halsted agrees that she was not highly recruited. "I chose Minnesota because I didn't know I had any other choices at that time," she said. "I love it here. The atmosphere to play ball is good, and we have a really close team. Most of my friends are on the team."

Wells said the team's ability to get along with one another was the key to the Gopher volleyball fortunes in 1981. "I've never had a team, in its entirety, be as close as this one has been," she said. "Personality-wise, they are night and day, but they have the ability to get along well, even though they are not alike."

The sun has not been shining on the Gophers and Halsted for very long, however. "I had some problems getting along with the rest of the girls because I'm shy," said Halsted. "It took me about two years to get to know them and for them to get to know me."

"She's not very outgoing," Wells explained, "and I think for a while the other players saw that shyness and assumed it was coolness or aloofness."

Last summer it came to the point where Halsted almost quit the team. "But we've worked it out," she said, "and that helped me play well this year. Last year we didn't communicate too well and that was always in the back of my mind. But now, since everything has been straightened out, I can concentrate more on volleyball, which ultimately helped me have a good year."

There is no reason why next year cannot be better for Halsted. The harmony that reigns on the Gophers

can do nothing but help her game. The Gophers will compete in the U.S. Volleyball Association program this spring, and her teammates selected her as captain.

"It's quite an honor to be captain, especially after the problems we've had," she said.

If Wells were coach next season, Halsted could plan to be team captain next fall. Wells, however, is stepping down as volleyball coach to concentrate on her duties as head softball coach. A new volleyball coach has yet to be named.

"It's hard to leave," Wells said, "because the team has done well, this is an excellent recruiting year in Minnesota, and we've got 10 returnees who can play at the college level.

"Not to mention an all-American."

This story, by Ray Higgins, originally appeared in the Minnesota Daily.

Lincoln New Diving Coach

Former Gopher standout Craig Lincoln has been named diving coach of the men's and women's teams at the University of Minnesota, it was announced this week by the respective men's and women's athletic departments.

Lincoln, 31, replaces diving coach Frank Oman, who resigned after five and one-half seasons as Gopher coach to take a position with Jostens, Inc. Oman will leave behind a strong group of divers, including 1981 3-meter diving champ Chris Gentz of the women's team.

"I'm just so excited about the opportunity," said Lincoln. "I'm inheriting such great teams, I just can't believe it. I'd like to acknowledge the outstanding program that Frank has built here. He's done a

great job recruiting, and his divers are such a classy group of kids. They're very cooperative."

Lincoln, who preceded Oman as diving coach of the men's and women's teams at the University from 1972-76, had been serving as a sports psychology consultant for the women's team on a part-time basis, helping in the motivational and goal-setting aspects of the squad.

Lincoln is probably best known for his talents as a competitive diver. Following graduation from Hopkins Eisenhower High School, Lincoln went on to win three Big Ten diving titles at the University of Minnesota. He won the NCAA title in 1972, earned AAU national titles in 1970 and 1971, and won a pair of Canadian national titles in 1970. Lincoln also won a silver medal at the 1971 Pan American Games and then won a bronze medal in the 1972 Olympics in Munich, Germany.



Oh, Give Us a Dome . . .

These potential Gopher football recruits were given a tour of the Hubert H. Humphrey Metrodome in Minneapolis. Whether the Gophers will play in the dome or stay at Memorial Stadium, has not been decided.

MINNESOTA ALUMNI ASSOCIATION

On to Carnegie Hall

They've been to Russia and more recently China and now they are headed for Carnegie Hall.

Some alumni will fly to New York City to hear the University Concert Band and University Jazz Ensemble perform at Carnegie Hall March 26.

Others will hear a preview concert in one of these six cities: Racine, Wis., Chicago, Dayton, Ohio, Pittsburgh, Pa., and Alexandria, Va.

Those living in New York City and the area may wish to attend the 8 p.m. performance at Carnegie Hall.

Some will even take a round-trip from the Twin Cities to New York.

But if you don't find yourself in any of these places, there will be a special homecoming concert at Northrop Auditorium in April.

Also appearing will be Clark Terry, a former jazz trumpet player with the Duke Ellington Band and the "Tonight Show" in New York.

The Concert Band has toured the Soviet Union, Europe, Mexico, and China, and is directed by Frank "Dr. Ben" Bencriscutto.

The Jazz Ensemble has been voted one of the top college ensembles in the nation.

Four band directors will be together at Carnegie Hall. They are Gerald R. Prescott, Ernest A. Villas, O'Neill Sanford, and Bencriscutto.

The concert will include American works written for concert bands, University of Minnesota songs, traditional big band jazz, and a symphonic jazz suite with an alto

saxophone solo by Bencriscutto and a trumpet solo by Terry.

Before the Carnegie Hall appearance, however, the group will do preview concerts and some special classes in the following cities:

Racine, Wis. — Sunday, March 21, 2 p.m. concert at Horlick High School Theater Auditorium.

Chicago — Sunday, March 21, 7:30 p.m. concert at Niles North High School, Skokie, Ill.

Dayton, Ohio — Monday, March 22, 8 p.m. concert at Fairmont East High School Auditorium, Kettering, Ohio.

Pittsburgh, Pa. — Tuesday, March 23, 8 p.m. concert at North Hills Senior High School Auditorium.

Alexandria, Va. — Thursday, March 25, 8 p.m. concert at Groveton High School, Springbank Auditorium.

The New York City Chapter will hold a preconcert party at 5:30 p.m. at the Corinthian Room of the New York Sheraton, across the street from Carnegie Hall.

The Carnegie Hall concert will begin at 8 p.m. There will be an "afterglow party" following the concert at the New York Sheraton, featuring a 20-piece University dance band.

Cost for the two parties and Carnegie Hall concert is \$20 a person.

Boston Chapter leaders also are making special plans to attend the Carnegie Hall concert.

For those flying from the Twin Cities, the group will arrive early in the afternoon of March 26 and sightsee on their way to the Marriott Essex House.

They will attend a cocktail party, hosted by the New York Chapter, the concert, and a dance following the concert.

Saturday, March 27, alumni may

want to shop, go to museums and galleries, or take some optional tours.

There will be a buffet brunch at the hotel Sunday, March 27, with the group leaving the hotel by noon and arriving in the Twin Cities between 4 and 6 p.m.

Membership Tip

Your membership in the Minnesota Alumni Association entitles you to library privileges at the University of Minnesota.

You have access to almost 50 service units with collections totaling nearly four million cataloged volumes, as well as government publications, manuscripts, archives, and other materials.

The collection ranks 13th in size among American university libraries.

Areas of particular strength include Asian studies, children's literature, exploration and travel, history of medicine, immigration, European history, Latin American studies, American and Western European literature, science journals, and social welfare.

This privilege is valid for a one-year period, and may be renewed annually as long as association membership is maintained. Materials may be borrowed for up to four weeks.

Your special privilege card will be honored by the entire University of Minnesota library system including Wilson, Walter, Bio-Medical, St. Paul libraries, and Institute of Technology libraries.

Call or write the MAA at 100 Morrill Hall, 100 Church Street SE, University of Minnesota, Minneapolis, Minnesota 55455 (612/373-2466), with your name, address,

and membership identification number. You will be mailed a library application form, which you can complete and return for processing.

Official Notice

All current members of the Minnesota Alumni Association are encouraged to attend the annual dinner meeting Thursday, June 3, 1982, at the Minnesota Alumni Club, IDS Tower.

Theme for the event will be "Experiencing the Minnesota Environment."

June Reunion Set

The Class of 1957 will celebrate its 25th anniversary of graduation June 7.

Janet Koehn Muellerleile and F. Michael Streitz are heading up the reunion committee.

Class members will join the classes of 1932 and 1942 for a luncheon in the Great Hall of Coffman Memorial Union and a bus tour of the campuses.

In the evening the Class of '57 will have its dinner in the Campus Club in Coffman.

For further information call the Minnesota Alumni Association, (612) 373-2466 or write to the Alumni Association at 100 Morrill Hall, 100 Church Street SE, University of Minnesota, Minneapolis, Minnesota 55455.

Emeriti Will Meet

The Emeriti Alumni Reunion will be Saturday, May 22, with a luncheon in the Town and Country Club, 2279 Marshall Ave., St. Paul. Chairpersons of the committee are Ed Haislet, '31, and Marjorie Tesloue, '28. This reunion is for all alumni and former students in years prior to 1932.

The program will include a social hour at 11:30 a.m. and luncheon at 12:30 p.m. followed by a talk by one of the university's distinguished professors.

"For reservations or questions on this event, please call the Alumni Office: (612) 373-2466.

Rogue River Rafting Expedition

Minnesota Travelers will go rafting on the Rogue River in western Oregon two times in July with the first trip July 20-24, second trip July 21-25.

The five-day trips will be in inflatable rafts, manned by professional rafters. Travelers will move through green countryside, high cliffs, timbered slopes and white water . . . away from the affairs of the world for an interlude of natural beauty and varied wildlife.

Two different social groups lived in this canyon, the Indians and the

miners; and they wrote the bulk of its history. The river provided a natural source of water and food for the Indians, while exposed rock and running water provided a natural mining site for minerals. The conflict between them gave the river its name; the rafting expedition explores the river from both viewpoints.

Each day begins with breakfast about 8 a.m. Put-in time is about 10 a.m. and the rest of the morning is spent on the water. In the afternoon, travelers float again until mid- or late afternoon and have time before dinner to hike, fish, read, or relax.

The price is \$455 a person and a deposit of \$50 will hold your place. Space is limited, so reserve today.

Alumni Network Created

The University of Minnesota has already felt the sting of budget cuts," Terry Blom, director



Who Cares? They Care

Members of the Alumni Association Student Board helped pack and distribute more than 500 "Finals Week Care Packages," which contained candy, fruit, gum, cheese and crackers, to students living in dormitories, fraternities, and sororities. Sending out the packages are at top, Tim Hawley, chairman of the project; John Barber, Steve Fischer, Scott Madson, Doug Basile, Raquel Briskin, and Barb Frey.

of the newly formed Minnesota Alumni Network, said.

"Yet the University remains strong — strong enough, we believe, to survive even the unkindest cuts. And it can be even stronger, with your help."

One of the more serious consequences of program cuts, coupled with tuition increases and cutbacks in student aid, is declining enrollment, said Blom, who works for prospective student services in Admissions and Records.

Even in more prosperous times, he said, projections showed that the University would probably follow a national trend in the 1980s — decreased enrollment of students, particularly those between the ages of 18 and 22 who have traditionally bulged enrollment curves.

"Loss of state revenues now threatens to accelerate the decline," he said. "But you can help, by representing the University in your community as a volunteer recruiter for the Minnesota Alumni Network,

an organization committed to expanding and personalizing the institutional outreach efforts of the University.

"Through a coordinated network of regional alumni groups," he said, "we hope to develop and maintain personal contacts with prospective students, telling them about the University and encouraging them to give it a try.

"As an alumnus, you know the University first hand; as a member of the network you can learn more and tell others what you know; and as a liaison between the University and your community, you can spread both knowledge and good will.

"If you value your experiences at the University, you may already have found yourself delivering off-the-cuff testimonials for the University.

"What we are asking is that you continue your advocacy, but on a somewhat more formal and public basis, as a member of a team. You

will be able to participate in programs with other alumni who, like you, want to see the University continue to prosper as one of the country's great educational institutions. Through participation in the network, you can give the University a boost while giving a boost to someone who is college bound — and you can have a good time doing it."

If you are interested, please mail the alumni portion of the coupon.

If you know of a prospective student who might like to receive some information from the University, please mail the student portion of the coupon or you may call (612) 373-3030, collect.

Student information programs will be conducted in Marshall, Minn., May 12; Albert Lea, Minn., May 13; Rochester, Minn., May 14; Fargo, N.D. and Moorhead, May 17; Wadena, Minn., May 18; Hibbing, Minn., May 19. Programs in Duluth and New Ulm, Minn., will be announced.

Student Recruitment

Please send either of the following to: Network, Office of Admissions, 230 Williamson Hall, 231 Pillsbury Drive SE, Mpls, MN 55455.

Student's name _____
last first middle initial

Address _____

City _____ State _____ ZIP _____

Telephone Number (_____) _____
area code

School _____ Grad. Date _____ / _____
month year

Questions/Interests _____

I am interested in assisting the alumni admissions network. Please send me additional information.

Name _____

Address _____

City _____ State _____ ZIP _____

Phone (day) _____ (evening) _____

College _____ Class years _____

Questions / Interests _____

COLLEGES AND SCHOOLS

by Steve Baker

BIOLOGICAL SCIENCES

Alumni Society Sponsors Freshwater Symposium

In an effort to promote alumni understanding of freshwater problems, the College of Biological Sciences Alumni Society is sponsoring a special program on May 1 at the Gray Freshwater Biological Institute.

The afternoon symposium, featuring three prominent speakers in various fields of freshwater studies, will be in line with the primary mission of the institute, according to its director, Richard Hanson.

"The program will provide a public understanding of what can be done about preservation of freshwater from scientific, political, and social perspectives," he said. "This follows our goal at the institute to answer fundamental questions that

impact on freshwater biology."

The three speakers will be: Richard G. Gray, Sr., originator and moving force behind the development of the institute.

David Shindler, director of a unique experimental lakes project in Ontario, Canada.

Stephen Alnes, director of the Upper Midwest Council and specialist in public policy matters regarding freshwater.

Because it is a multidisciplinary center for research "providing enormous interaction with the public," according to Hanson, the Freshwater Institute is the perfect location for the program. Situated on the shore of Lake Minnetonka, the institute generates important long-term research that has widespread impact on freshwater quality, he said.

The symposium will be limited to 200 people. Food and beverages will be served. The fee is \$10 for alumni, slightly higher for the public.

MANAGEMENT

MBA Grad Takes On TV Reporting

One of the graduates from the School of Management is breaking new ground in a professional area.

Helen Lacko, MBA '81, is Denver's first full-time television business reporter. She works for KBTU, which reaches six states, and in the Denver metro area alone, the station reaches 215,000 homes.

Lacko reports nightly on major business developments, real estate and finance, corporate and consumer features, and money issues. Her reports range from a series on personal financial planning to a news magazine mini-documentary on robots. She also developed a series on economic forecasting as well as feature stories on Colorado's industry leaders.

"The strongest feeling in the Denver area is that of growth. There is building and construction going on all over, and the impact of high technology and the oil and gas industries on the city is phenomenal," Lacko said. "It's exciting to be able to deliver the stories on the area's corporate and industrial progress. Denver television's awareness of the need to bring this kind of news to the people is definitely increasing."

Lacko said her MBA helps her as a news reporter, especially on the business beat. "It helps me communicate with executives at all levels," she said.

Lacko was a news producer for several stations, including WCCO television news in the Twin Cities while she was a student. At that time she wrote a research paper titled "The Electronic Newsroom: A Functional and Financial Analysis." *Broadcast Communications,*



The Gray Freshwater Biological Institute, shown here in an aerial view overlooking Lake Minnetonka, is the site of a special symposium for alumni of the College of Biological Sciences.

September 1981, focused on the paper in an article and called her research one of the most exciting new developments in the field of computerized newsrooms.

Lacko has been seen on station advertisements and billboards in Denver, and has also been featured in the local press. One Denver newspaper columnist wrote: "Helen Lacko's reports indicate she knows her field. And she also displays the ability to translate complicated business dialogue into a language the average viewer can understand."

A Colorado native, Lacko received her bachelor's degree in sociology from the University of Utah in 1976.

JOURNALISM Sevareid Library Revamped

As a result of alumni funding and priorities set by the School of Journalism and Mass Communication, the Sevareid Library will change substantially in the next two years.

By revamping the book and periodical collection, reclassifying the system, and improving cooperation with other University libraries, the journalism library will become much more functional, according to assistant professor Kathleen Busterna.

"The collection has been neglected over the last 10 to 15 years," said Busterna, who is supervising the redevelopment. "Our basic mission is to run a library that will support the curriculum and research needs of the students and faculty in the School of Journalism and Mass Communication."

The process of weeding out old or useless materials and reclassifying the library collection into the Library of Congress system began last fall when Busterna was hired. Funds from alumni contributions

and the school's budget will go to purchase new materials.

"By the end of this academic year, we should have the system reclassified," said Busterna. "Building up the collection and filling in the holes will take at least two years though."

The journalism library, named in 1980 after alumnus Eric Sevareid, has existed since Murphy Hall was built in 1930. During the last two decades, the library's collection and services have deteriorated significantly, according to Busterna.

"The reference collection, as it exists now, is useless, and we certainly have not been able to provide adequate support for papers and research projects."

In addition to revising the reference collection, Busterna said that reference assistance will improve also since she is trained in library science.

The school's new curriculum program may also increase the usefulness of the Sevareid Library. A new course called "Information for Mass Communication" was offered this year to teach methods of information-gathering to aspiring journalists.

SOCIAL WORK Young Commemorative Stamp Issued

Whitney M. Young, 1947 graduate from the School of Social Work, was memorialized in a commemorative U.S. Postal Service stamp issued in 1981. At the time of his death in 1971, Young was executive director of the National Urban League and the president of the National Association of Social Workers. In 1969 he was awarded the Medal of Freedom, the nation's highest civilian honor, by President Johnson.

He was also the author of two

books, *To Be Equal* (1964) and *Beyond Racism* (1969), and a syndicated column that appeared in newspapers nationwide.

While enrolled in the School of Social Work, Young worked on a history of the St. Paul Urban League, making it the subject of his master's thesis. After his graduation, he joined that organization as director of industrial relations and vocational guidance, serving until 1950.

HOME ECONOMICS African Arts in Focus

A symposium attracting African scholars from across the United States and as far away as Nigeria will convene May 6-8 on the Twin Cities' campuses.

"Dress and Textiles in Africa and the Diaspora," a program emphasizing links between African and Afro-American cultures, will begin with exhibition openings May 6 at the University Gallery, Minneapolis campus, and the Goldstein Gallery, St. Paul campus.

Topics such as "Design and Display," "Socio-economic Change," "Religion and Politics," and "Family and Community" will be discussed at panel discussions and lectures at the West Bank Union May 7 and at the Curtis Hotel in Minneapolis May 8. Uche Okek, dean of arts at the University of Nigeria, Nsukka, and Professor Carl Liedholm, Michigan State University, will be the featured speakers.

The African Studies Council is sponsoring the event. Joanne Eicher, head of the textiles and clothing department, and Fred Smith, director of museology in the department of art history, are the main conference organizers.

A registration fee of \$30 is required before April 15 for attendance at the speaking events.

PHARMACY

Alumni Take Nostalgia Trip

A group of alumni from the College of Pharmacy will be reliving college days March 31 through April 4 when they participate in a continuing education tour and lecture program in Chicago.

Before graduating, pharmacy students tour commercial drug laboratories. This year, with a special grant from the Minnesota Alumni Association, alumni will tour the Abbott Laboratories.

Frank Di Gangi, distinguished professor at the University since 1945, will lead the group.

According to Assistant Professor Bruce Benson, this is the first of a series of "different and exciting programs" for alumni to take advantage of. Total cost each for the week will be slightly more than \$200, he said.

VETERINARY MEDICINE

Carlson Wins Alumni Award

Representative Douglas W. Carlson was given the "Alumnus of the Year Award" at the College of Veterinary Medicine annual alumni meeting January 30 at the Hyatt Regency in Minneapolis.

Carlson, a farmer, veterinarian and state legislator from Sandstone, Minn., graduated from the college in 1968. He is the assistant Independent-Republican caucus and floor leader in the House of Representatives and is serving his fifth term.

Carlson was honored for his outstanding achievements as a graduate of the college and for his varied contributions to Minnesota agriculture, law, and veterinary medicine.

INSTITUTE OF TECHNOLOGY 3M Gives \$1.2 Million for Research

The 3M Co. has given \$1.2 million to two research centers in the Institute of Technology.

The major portion — \$1 million — will go to the institute's Micro-electronic and Information Sciences Center for basic research for two years, and may be renewed in 1983. The remaining \$200,000 will help fund the Computer Aided Design/Computer Aided Manufacture Center of the institute.

Lewis W. Lehr, 3M board chairman and chief executive officer, said the financial support recognized that the University and companies such as 3M have interests in common, including "complementary strengths in technological areas." He spoke of an industry awareness of "the need to replenish the stock of basic research ideas and belief that universities probably are best equipped to carry out this task in a cost-effective way.

"Closer interaction of this kind between academic institutions and industry can help the United States in its efforts to maintain a competitive world position," he said.

Scientists from 3M's electronic and information technologies sector will collaborate with those of MEIS to help build on programs that already involve extensive participation by research personnel at Control Data Corp., Honeywell Inc., and Sperry Univac, Robert M. Hexter, director of the center, said.

The one-year, \$200,000 contribution to the CAD/CAM Center, part of the institute's mechanical engineering department, will be funneled into undergraduate education and the purchase of equipment for the areas of computer graphics and robotics.

EDUCATION

Thomas Gets Grant for Nutrition Program

Ruth Thomas, head of the Home Economics Education Department, has received an \$8,000 grant from the Minnesota Department of Education to disseminate a nutrition education model to teachers.

Working with the Food Science and Nutrition Department, Thomas has developed a model for teaching nutrition as more than a narrowly focused biological subject. This model, developed under a previous \$12,000 grant from the Minnesota Department of Education, involves teachers in natural sciences, social sciences, health, physical science, and home economics.

Under the grant, Thomas plans to show teachers the advantages of this model at gatherings such as the Nutrition Education Conference for Minnesota Teacher Educators, June 3 and 4.

"We want to illustrate the relationships between several academic disciplines and the study of nutrition so as to provide college and university educators in this state with the tools to develop nutritionally literate consumers," said Thomas.

She began research on the subject of nutrition after she started trying to teach it to her own students.

"I realized that much of the time we look at nutrition as only a scientific process, like what happens to food in the body," said Thomas. "Now I have become increasingly aware of the psychological and social aspects that govern nutritional habits. Even the politics and economics of such issues as the recent federal government guidelines have

their impact on the study of nutrition."

Thomas says her ultimate goal is to broaden the development of this model. "Once we teach the teachers about all the aspects of nutrition, then we can affect significant changes in attitude among the children."

AGRICULTURE

Stalking the Cross Country Skier

What possesses half a million Minnesotans to strap cross-country skis to their feet and set out into the land of the wind-chill factor and knee-deep snow to trudge across miles of rugged trails? They do it for a variety of reasons. They don't like snowmobiles. And they don't mind skiing around lumber mills.

Those are some of the findings of a survey conducted by tourism development specialist Gary Ballman from the department of agriculture and applied economics. He and forester Tim Knopp and Larry Merriam worked with the Department of Natural Resources to find out where and why Minnesotans cross-country ski.

"Our objective in designing this survey was to find out information

that would help public and private recreation operators set up the most efficient and useful systems statewide for skiers," said Ballman.

With federal funding, Ballman initiated the survey by mailing questionnaires to what he calls "a good sample" of Minnesota skiers from a list compiled by the Department of Natural Resources. Responses were received from 587 of these skiers to several demographic and attitudinal questions. The 587 represented a 74.6 percent return.

From the survey results, the researchers concluded the following:

- Minnesotans ski for a variety of reasons. Three of the most popular reasons are social interaction, exercise, and achievement (or status).
- Cross-country skiers prefer not to share their trails with snowmobiles.
- Skiing in logging or timber management areas is not perceived negatively.

Only skiers over age 14 were included in the survey. Three-fourths of the survey sample were under age 40 although some were over 65. The average age was 31. Slightly more women than men responded. Nearly 28 percent were rural residents.

Recent estimates by the Department of Natural Resources indicate that Minnesota has more than a half million cross-country skiers.

GENERAL COLLEGE

Grant to Help Young

A \$243,000 grant to help troubled young people in South Minneapolis has been awarded to General College and Minneapolis Public Schools.

The money will support The Connection, a new program at South High School and is meant to "prevent kids from getting lost in the cracks of the system," Andrew Nelson, who developed the program and is its executive director, said.

University students majoring in social work or psychology will serve as interns for the program, which is scheduled to operate until May 1983.

The grant was awarded by Act Together, a private non-profit corporation in Washington, D.C. that receives funds from the U.S. departments of justice and labor.

Between 150 and 250 young people who are considered "high risk" will be served through the program, Nelson said. Among those expected to participate are teenage parents, high school drop-outs, youth from low-income or single-parent families, those who speak English as a second language, and those who have been in trouble with the law.

The program is meant to provide a single place for young people who need help with problems from chemical dependency to unemployment, Nelson said. Participants will be helped in learning skills necessary for independent living. Employment will be emphasized and the business community surrounding South High School will be asked to help program participants find jobs, he said.



The wilderness is an attraction to only a small number of cross-country skiers, according to the recent study by University researchers from the Colleges of Agriculture and Forestry. This lone skier slopes through the solitude of the Boundary Waters Canoe Area.

MEDICAL TECHNOLOGY

Olson Retires

After 34 years of full-time service in the Department of Physical Medicine and Rehabilitation at the Medical School, Mildred E. Olson retired December 31.

A graduate of the School of Medical Technology in 1947, Olson retired as an associate scientist. Before working her way through college, she taught for seven years in one-room rural schools in southwest Minnesota.

Olson's many accomplishments while working at the University include early research contributing to improved heart and kidney function, appointments on statewide human services committees, and participation in a major University effort to draft an affirmative action policy.

"I have enjoyed the opportunity to do some pioneering research work regarding the problems of debilitated people," she said.

NURSING

Nursing Educators Recharge

Recharge Your Educator Battery."

That was the theme of a one-day conference for nursing educators at the Earle Brown Continuing Education Center January 29.

Sponsored by the Continuing Education Division of the School of Nursing, the conference covered trends in nursing education and analyzed the implications of changes in the profession. Special interest sessions delving into the technology, economics and teaching strategies of nursing also were included.

Rozella Schlotfeldt, professor at Case Western Reserve University, and Carrie Lenburg, external degree program coordinator at the State University of New York, Albany, were featured speakers. Schlotfeldt discussed the implications of a nursing doctorate in education and practice. Lenburg talked about the adaptability of new degree concepts to traditional nursing education programs.

More than 115 nursing educators attended the event.

DENTISTRY

Wittich Endowment Fund Established

Harold Wittich, founder and chairman of the Department of Pediatric Dentistry from 1925 to 1966, has established an endowment fund in his name at the School of Dentistry.

Interest from the endowment will be used to support graduate students in pediatric dentistry. A special award from the Minnesota unit of the American Society of Dentistry for Children also will be given in honor of Wittich to an undergraduate student each year.

According to the head of the department, Michael Till, the endowment will make the University more competitive in recruiting students interested in dental care for children. "By being able to increase stipends for graduate students, we may attract some of the most talented people in the country," he said.

Wittich, a University alumnus, has been one of the most important forces in the development of pediatric dentistry in Minnesota, Till said. "Anyone who graduated from the

pediatric dentistry department prior to 1966 was directly influenced by Wittich."

Wittich is retired and lives in the Twin Cities.

Two New Department Heads Named

Leslie V. Martens has been appointed chairman of the Department of Health Ecology and T. Michael Speidel has been named head of the Department of Orthodontics in the School of Dentistry.

Martens, associate chairman since 1972, succeeds Lawrence Meskin, who resigned to become dean of the school of dentistry at the University of Colorado.

Martens is a native of Peoria, Ill. He received a bachelor's degree from Bradley University in Peoria, a dental degree from Loyola University, Chicago, in 1963, and a master's degree in public health from the University of Minnesota in 1969.

Martens joined the department of health ecology in 1969 and has specialized in the area of preventive dentistry. Health ecology is a multidisciplinary program which studies the role of dentistry in the social and economic environment.

Speidel joined the Minnesota faculty in 1964. His father, Thomas D. Speidel, was department chairman in orthodontics from 1948 to 1957. Orthodontics is the branch of dentistry dealing with the correction of irregularities of the teeth, often by the use of braces.

Speidel, a native of Memphis, Tenn., received a bachelor's degree from Iowa State University in 1958, a dental degree from Loyola in 1963, and a master of science degree from the University of Minnesota in 1967.

MEDICINE

Grant Funds Health Services Professorship

The Minnesota Medical Foundation has received a \$250,000 grant from the Northwest Area Foundation to endow a health services research and teaching professorship.

This professorship honors the late William N. Wallace, a nationally acclaimed leader in health administration. He was president of United Hospitals, St. Paul, until his death in 1980.

Lyle French, vice president of health sciences, said Wallace contributed greatly in restructuring the health system to enhance equity in the distribution of services. "The William N. Wallace Professorship will honor the memory of this pioneer in the health services field and will continue his work through research and teaching at the Center for Health Services Research and the graduate program in hospital and health care administration," French said.

The Minnesota Medical Foundation raises and disburses private funds for medicine at the University.

Cities. They are seeking a grant from the National Endowment for the Humanities to develop more interaction between the two institutions.

According to CLA Associate Dean Marilyn Schneider, the proposal would create new courses for honors students and allow more access to Walker for all University art students. The grant also would allow the Office of Special Learning Opportunities to establish new internships for students.

Faculty members would benefit from the grant through its establishment of a lectureship program at the Walker.

Discussions have started between University officials and representatives from the Guthrie Theater, the Minnesota Orchestra, and the Saint Paul Chamber Orchestra regarding possibilities for similar joint efforts, according to Schneider.

Playwright D'Andrea Featured on PBS TV

Humanities professor and playwright Paul D'Andrea was featured in an award-winning documentary broadcast nationally by the Public Broadcasting Service January 27.

The documentary, "Write On: The Fifth Annual Louisville Festival," highlighted activities and interviews with four playwrights at the New American Plays Festival sponsored by the Actors Theatre of Louisville, Ky.

D'Andrea's "A Full Length Portrait of America" was staged last winter at the festival, where it shared first prize with "Swop" by Ken Jenkins. Members of the PBS staff interviewed D'Andrea during rehearsals of "Portrait," on opening

night and at home in Minneapolis.

"When I saw the finished documentary I was overwhelmed," D'Andrea said. "The producer had compressed into color footage all the experiences I'd lived through during production and during the festival. It was astonishing to have that come back at me in a documentary."

"Portrait" is about an older black couple at Preservation Hall, the famed jazz emporium in New Orleans. The woman, who is 75, announces she is going to have a baby that night. Then the hall is attacked by a 40-ton orange bulldozer that is in the process of leveling the United States.

D'Andrea said the theme of the play is that peculiarly American resources can be brought together to release creative energy that is needed in society.

"I am quite consciously going against the general tendency in American theater of diagnosing ills," he said. "People are eager for something of significance and are tired of failed relations, which has been the norm."



Paul D'Andrea

COLLEGE OF LIBERAL ARTS Walker and CLA Join Forces

The College of Liberal Arts and the Walker Art Center are combining their efforts to service students and faculty in the Twin

CALENDAR

compiled by Sandy Stai

Alumni Chapters

Atlanta Chapter March 3

Alumni may visit during the winter meeting of the alumni living in Atlanta. Nancy Devine, chapter director, will discuss campus events. *For additional information contact Dick Leversee, (404) 998-2658.*

Detroit Area Women's Club March 5

Home computers will be the topic of the monthly meeting in Birmingham. *For additional information, contact Sharon Lindgren, (313) 644-5324.*

Naples March 7

The third annual tailgate party for all Minnesotans will begin at 3 p.m. at the County Fairgrounds and will last until sunset. Plan to visit with University representatives, including Vice President Frederick Bohlen.

North Texas Chapter March 9

Joe Salem, Gopher football coach, will be the honored guest at the Dallas-Fort Worth Chapter annual meeting. Activities will start at 7 p.m. at the Summit Hotel in Dallas. Cost for the dinner and program is \$15. *For additional information contact Dick Miner, (214) 387-0718 at home or (214) 241-0056 at work.*

Houston March 10

The annual meeting of the Houston Chapter will be at Look's Sir-loin Inn starting at 6:30 p.m. Guest speaker at the dinner will be Joe Salem, Gopher football coach. Cost for the evening is \$12.75 a person. *For additional information, contact Walt Bauer, (713) 337-4039.*

Milwaukee March 19

The second gathering of the new Milwaukee Chapter will be a dinner meeting with a speaker from the health science field. All alumni are encouraged to attend the event. *Watch for additional information to be mailed or contact the MAA.*

Special note: On its way to Carnegie Hall, the University Concert Band and Jazz Ensemble will make appearances at the following areas, including Minnesota Alumni Association chapters:

Racine, Wisc. March 21

A 2 p.m. concert will be at Horlick High School Theater Auditorium.

For ticket information, call 631-7057.

Alumni are invited to a concert reception in the high school to meet Nancy Devine, director of the chapter program.

Chicago Alumni Chapter March 21

A 7:30 p.m. concert will be at Niles North High School, Skokie, Ill.

For ticket information, call 966-3800.

The Chicago Chapter, under the direction Brad Noren, invites all alumni to a reception at the high school following the concert. Alumni are encouraged to bring prospective University students to the concert and reception to meet University representatives. Rob Marx is looking for all former band alumni to join the festivities. *For information about all chapter activities, contact Brad Noren at (312) 951-6016.*

Dayton Alumni Chapter March 22

An 8 p.m. concert will be at Fairmont East High School Auditorium, Kettering, Ohio.

For ticket information, call 296-7681.

The Dayton Chapter, under the direction of Richard Smith, encourages alumni to attend the concert. Charlie Chase, chairman of the event, has planned a reception for alumni after the concert in the high school. *For further information, contact Richard Smith, (513) 255-7207 at work (513) 434-1750 at home.*

Pittsburgh, Pa. March 23

An 8 p.m. concert will be at North Hills Senior High School Auditorium.

For ticket information, call 367-6254.

Pittsburgh alumni have an opportunity to meet other University alumni in the area and learn about campus activities at the reception following the concert. Nancy Devine, director of the alumni chapter program, will be present, at the gathering in the high school.

Washington, D.C. Alumni Chapter March 24

A Minnesota night has been arranged for Washington, D.C. alumni. The 20-piece University Dance Band will perform the music of the 1940s and big band era.

For additional information contact Bill Hambley, (202) 252-6812 at work (703) 276-1070 at home.

Alexandria, Va. March 25

An 8 p.m. concert will be at Groveton High School, Springbank Auditorium. For ticket information, call 768-2121 ext. 69

Alumni living in the Alexandria area or affiliated with the Washington, D.C. Chapter have an opportunity to visit with the University's musical ambassadors at a reception after the concert. The concert is an ideal family outing for Uni-

versity friends of all ages. *For further information contact Bill Hambley (202) 252-6812 at work (703) 276-1070 at home.*

New York Alumni Chapter March 26

Under the leadership of Robert Tiffany, the New York Alumni Chapter has planned an outstanding evening for Minnesotans in the Big Apple. Alumni in New York, as well as visitors from the Twin Cities, Boston, and other eastern cities, will have an opportunity to enjoy an evening full of entertainment. Among the participants will be honored guest Gerald R. Prescott, director of bands for more than two decades, and Ernest A. Villas, director of bands in 1950-1951 and New York Chapter officer.

Here are the details: New York Chapter pre-concert party at the Corinthian Room, 26th floor, The New York Sheraton, 7th Avenue at 56th Street (across the street from Carnegie Hall), at 5:30 p.m. Hors d'oeuvres will include beef, ham, and turkey. There will be a cash bar

Carnegie Hall Concert will be at 8 p.m.

Tickets are available through the New York Alumni Chapter and the Carnegie Hall box office.

New York Chapter afterglow party will be at the Corinthian Room, The New York Sheraton. After the concert until midnight, dance to the sounds of 1940's music performed by the University 20-piece dance band.

Cost for the two parties and Carnegie Hall is \$20 a person. *For additional information, contact Robert Tiffany, (212) 554-3977 work (203) 637-3805 home.*

Boston Alumni Chapter

Chapter leaders are making special plans to attend the Carnegie Hall performance and New York Chapter activities on March 26. Boston alumni have an opportunity to travel by train and stay in alumni headquarters. Included in the Friday to Sunday package are the activities of the New York Chapter on the 26th. *If you are interested in a Big Apple weekend, contact Boston Chapter president, Jeffrey Schiebe, (617) 655-8000 work (617) 485-5505 home.*

Constituent Alumni Societies

HOME ECONOMICS

The Home Economics annual meeting will be held March 20, 1982, and not as reported in the December issue. The morning will begin at McNeal Hall with a choice of the following sessions:

9:30-10:30

Select one:

Pauline Boss — Family Social Science — "Women and Stress."

Eugene Larkin — Design — "The Printmaker's Art"

Joan Slavin — Food Science and Nutrition — "Exercise and Nutrition."

10:45-11:15

Select one:

David Olson — Family Social Science — "Family Wellness."

Gloria Williams — Textiles and Clothing — "Clothing the Pre-Civil War Black American."

Michael Baizerman — Center for Youth Development and Research — "Home Economics — What is its Role in Working with Adolescent Female Prostitutes?"

Lunch will follow the morning seminars in the Northstar Ballroom. Keynote speaker: Lura

Morse speaking on "Women in Science, Is the Way Clear?"

Contact: Pat Warner, Dean's Assistant (373-1551)

The College of Home Economics, University of Minnesota, and its Alumni Society are setting aside the weekend of April 24-25 to invite high school students, their parents, teachers and advisers to a pair of open houses.

JOURNALISM

A speaker for the Journalism Alumni Society annual meeting May 20 at Minneapolis Hilton Inn, 1330 Industrial Boulevard, will be announced. The meeting will be a joint event with the Society of Professional Journalists, Sigma Delta Chi, Minnesota chapter. In addition to an "Award for Excellence" to be presented to a journalism alumnus, "Page One Awards" will be presented. The latter features radio, newspaper, and television media in Minnesota. Nominations for the "Award for Excellence" should be sent to Curt Beckmann, news director, WCCO AM, 625 Second Avenue South, Minneapolis, Minn. 55402. A nominee for the award will be considered if they are a graduate of the school; have either undergraduate or postgraduate degrees; and have established a professional record during several years. In some instances a single contribution of great impact and continuing influences in the field of mass communication will be considered.

PHARMACY

Pharmacy Theater Party — March 20

Play: Diamond Studs/Dinner Theater

Where: Radisson Inn, Plymouth

Time: 5:00 p.m. cocktail reception/cash bar

6:00 p.m. dinner

8:00 p.m. play

Annual Meeting/Reunions

May 1, Annual meeting honoring classes of '32, '57, '72.

May 2, Continuing Education

ALUMNAE SOCIETY

The Alumnae Society's annual

Spring Scholarship Fund Benefit will be Sunday, March 7, at the University Theater, Rarig Center.

There will be a silent auction at 1:30 p.m. followed by a 3 p.m. performance of "Once Upon a Mattress."

All proceeds will go to the Alumnae Scholarship Fund and will be given this year to the School of Music.

Tickets are \$7 (\$3 is tax deductible) and all seats are reserved.

The Minnesota Alumnae Society Scholarship Fund was established in 1953 to supplement the University's regular freshman scholarship program.

CLA — UC

Annual Meeting

The meeting has been set: April 24. No other plans have been made.

The College of Liberal Arts and University College Alumni Society "Refresher Course in Job Hunting" Saturday, March 6, 1982, at the Campus Club, Coffman Memorial Union, for a day of professional advice from Gary L. McGrath, director, Career Development Office, College of Liberal Arts, University of Minnesota.

Whether you are entering the job market for the first time or considering a career change, you will find the day-long seminar helpful. The morning session will allow you to explore your individual skills, interests, and career goals. The afternoon topics will include researching potential employers, how to go about preparing a resume, interviewing techniques, and how the Career Development Office can serve you in the future.

Cost for the day-long seminar is \$10 a person. The cost includes lunch and materials. Registration will begin at 8:15 a.m. Sign up early, enrollment is limited. As a special bonus, those who are not alumni society members may become members at the specially arranged rate of \$10. The membership lasts a year and will return many benefits for the member,

the College of Liberal Arts, University College, and the University.

The Campus Club is located on the 4th floor of Coffman Memorial Union. Parking is available in Coffman Ramp B, Level 4, on East River Road.

To register, please call (612) 373-2466.

MEDICAL TECHNOLOGY

The Medical Technology Alumni Society will be holding its annual meeting Wednesday, April 28th at the Minneapolis Woman's Club.

A wine and cheese reception will be June 2 at the Campus Club, Coffman Memorial Union, to honor graduating seniors in Medical technology.

BIOLOGICAL SCIENCES

3rd Annual Meeting

"Freshwater"

Gray Freshwater Biological Institute

Navarre, Minnesota

1-5 p.m. May 1, 1982

April mailing

For information, call the College at 373-1190

NURSING

Annual Meeting

Two alumni honored with Outstanding Achievement Awards Patricia Deiman, Silver Spring, Maryland and Dr. Marie L. O'Koren, Birmingham, Ala. Minnesota Alumni Club

IDS Tower

April 21, 1982

For information, call the Alumni Association 373-2466

EDUCATION

Dessert-Theatre Party

March 4, 1982

Dessert at Eastcliffe for first 75 who make reservations for this event.

"Once Upon a Mattress", Rarig Theater

For information, call the Alumni Association 373-2466

Annual Meeting

Minnesota Alumni Club

IDS Tower

May 6, 1982

For information, call the Alumni Association 373-2466

GENERAL COLLEGE

Annual Meeting

St. Paul Student Center

May 14, 1982

THE GOLD CLUB
Alumni Reception
Minnesota Alumni Club
IDS Tower
May 12, 1982

Concerts

SCHOOL OF MUSIC
Geoffrey Hellman
Piano recital
March 12, 8 p.m., ScHA
Ware/MinneSingers Recital
March 30, 2 p.m., ScH 19
Jorg Demus
Piano Master Class
March 31, 1 p.m., ScHA
University String Quartet
April 1, 8 p.m., Willey Hall
Brass Choir
April 2, River Falls
Opera Workshop
April 2, 3, 8 p.m., ScHA
Tom Pixton
Harpichord Recital
April 14, 8 p.m. ScHA
Harpichord Master Class
April 15, 8 p.m. ScHA
Lewis Rowell, lecture
April 16, 11:15 a.m., Wu 30
All events are free and open to the public unless otherwise noted and are subject to change. For further information call (612) 376-8639.

Art Exhibitions

UNIVERSITY GALLERY
NORTHROP AUDITORIUM
Marquee on Main Street; Jack Liebenberg's Movie Theaters, 1928-1941
March 22-April 25 (gallery 305-7)
Non-Official Art from the Soviet Union — Recent Works
April 5-May 2 (gallery 405)
African and Afro-American Culture: Convergences and Divergences
May 3-May 30 (gallery 305-7)
Porcelain from the Permanent Collection
Ongoing exhibit (gallery 309)
GOLDSTEIN GALLERY
Latvian Mittens
February 27-March 26

Undergraduate Show
April
African Textile Show of Kolabari Cloth
May 1-May 28
BELL MUSEUM OF NATURAL HISTORY
Jaques Gallery
"Maynard Reese" — Exhibition of works by one of America's most popular wildlife painters and five-time winner of the Federal Duck Stamp Competition. March 13-April 18. Opening reception March 13, 6:30-9:30 p.m. Hours: T-Fri. 10-3, Sat. 9-5, Sun. 1-5.

Family Programs
These free programs provide activities to involve all family members in a shared learning experience. Call 373-2423 for further information and reservations. Activities begin at 2 p.m. the following Sundays:
March 14 — Celebration of National Wildlife Week
April 18 — Bird Watching
May 9 — Curators will identify fossils, bones etc, you may bring in.

Natural History Lecture Series
Lectures on a variety of topics will be presented by Museum staff and other University faculty members on Tuesday evenings at 7:30 in the Bell Museum Auditorium. Please call 373-2423 to request a brochure with complete information.

Dance

NORTHROP DANCE SEASON
Cleveland Ballet
April 8-9, 8 p.m.
Directed by Ian Horvath and associate Dennis Nahat, both former stars of American Ballet Theatre and Joffrey Ballet.
Joffrey Ballet
May 4-5, 8 p.m.
20th century ballets and works of today's leading choreographers, including Jiri Kylian, Twyla Tharp, and Laura Dean. For tickets and more information call (612) 373-2345.

Theater

UNIVERSITY OF MINNESOTA THEATER
"Once Upon a Mattress" by J. Thomson et al
Whiting Proscenium Theater
March 3-6 at 8 p.m., March 7 at 3 p.m.
The Rehearsal by George Villiers
Stoll Thrust Theatre
April 23, 24, 29, 30, May 1, 6, 7, 8 at 8:00 p.m. April 25, May 2, 9 at 3:00 p.m.
The Death of Bessie Smith by Edward Albee and The Reconstruction of Dossie Ree Hemphill by Endesha Ida Mae Holland
Arena Theatre
April 30, May 1, 6-8, 13-15 at 8:00 p.m. May 2, 9, 16 at 3:00 p.m.
For more information on these and other University Theater productions, call (612) 373-5193.

THE PUNCHINELLO PLAYERS
St. Paul Campus
North Hall Theater
"The Shadow Box" by Michael Cristofer
March 5-6 at 8 p.m.
"Dames at Sea," book and lyrics by George Haimsohn and Robin Miller, Music by Jim Wise
May 7-8, 14-15, 21-22 at 8 p.m.
The Punchinello Players has served as the University's community theater for 67 years. For more information, call (612) 373-1570.

Women's Sports

Basketball
University of Missouri at Minnesota: March 3, 8:00 p.m.
AIAW Region 6 Championships: March 11-13
Tennis
All-Star Match at Como Tennis Club: March 12
Spring Break Trip to North Carolina: March 21-28

Track & Field
AIAW Indoor Nationals at Cedar Falls, Iowa: March 12-13
Gymnastics
Iowa State University at Iowa: March 6
University of Wisconsin/Madison at Minnesota: March 12, 7:30 p.m.
AIAW Region Championships at Minnesota: March 20-21
AIAW National Championships at Memphis, Tenn.: April 3-4
Golf
Tiger Tide, Meridian, Miss.: March 1-5
Rayburn County, Jasper, Texas: March 19-26
Swimming
AIAW National Championships at Austin, Texas: March 17-20

Men's Sports

Tennis
Minnetonka Tournament at Minnetonka Racquet Club: March 1-7
Dartmouth at San Diego: March 21
Irvine at Irvine, Calif.: March 22
Pepperdine at Malibu, Calif.: March 23
U.S.C. at Los Angeles, Calif.: March 24
University of San Diego at San Diego: March 25
Air Force at San Diego: March 26
Basketball
Michigan State University at Minnesota: March 4, 8 p.m.
Ohio State University at Minnesota: March 6, 8 p.m.
Swimming
Big Ten Championships at Iowa City: March 4-6
NCAA Championships at Milwaukee: March 25-27
Track
Big Ten Indoor Championships at Bloomington: March 5-6
NCAA Indoor Championships at Detroit: March 12-13
Gymnastics
Big Ten Championships at Madison, Wis.: March 7-8
NCAA Championships at Lincoln, Neb.: April 1-3
Wrestling
NCAA Indoor Championships at Ames, Iowa: March 11-13

CLASS NOTES by Sandy Stai

'22 *Sigurd L. Johnson* of Plainview, Minn., is retired after 52 years in public education. Three generations of his family have University of Minnesota degrees.

'23 *Jessie (Howe) Christopherson* of Escondido, Calif., recently published her first book of poetry titled *I Like It Here*.

'24 *Victor Oliver* of Edina, Minn., is a sales engineer.

George W. Nelson of Minneapolis retired as an insurance broker from Wood Nelson Co.

'25 *Marjorie A. Howe* of St. Paul is retired.

'30 *Julian E. Aurelius* of Whiting, N.J., retired from E. B. Squibb & Sons in 1971. He is a consultant for the company's archivist and museum director.

Mary Inga Madsen of Beechwood, Ohio, retired in 1972 after 25 years as director of the University of Minnesota Social Service Department.

Ivan Stone, Hanska, Minn., has retired as a farmer-hatcheryman. He is a former legislator, and is recognized by the University of Minnesota School of Agriculture as an outstanding alumnus on the agriculture advisory board.

'32 *Arthur Brudvik* of Mohall, N.D., is a retired dentist. He spends his summers in North Dakota and his winters in Mesa, Ariz.

Sherman Falk of West St. Paul is retired.

Jarvis Harper of Arlington, Va., is a retired colonel, United States Air Force, whose hobbies are travel, genealogy, and history. He is past president of the American Revolution Bound Table of the District of Columbia.

Kendall Macho of Las Vegas, Nev., is retired from Rowell Laboratories. He works as a movie extra.

'33 *Inez (Allard) Roach* of Stillwater, Minn., is retired from the Science Museum of Minnesota after 32 years of service.

'34 *Jacqueline Campbell* of Minneapolis, works part time for the Veteran's Administration at Ft. Snelling as a mail and file clerk.

Ben Grussendorf of Brainerd, Minn., is a retired district court judge who continues to work on special assignments for the Supreme Court.

'35 *Margaret Barto* of Grand Forks, N.D., is retired.

Helen (Durenberger) Duke of Daly City, Calif., is working with the care unit for alcoholic rehabilitation at Mary's Help Hospital in Daly City.

Waino J. Kortsmaki of St. Paul, is writing a 400-page chronology of Minnesota Farmers of America titled *Minnesota FFA — From the Beginning*.

Dorothy Lieb of Riverdale, Ill., is enjoying retirement.

Theodore Peet of Wolverton, Minn., has been a teacher, a farmer, and a stockbroker.

James Shane of St. Paul, has been a volunteer orderly at Midway hospital, a driver for the Red Cross, and an aide for the public schools since he "retired" in 1970.

'36 *Oren O. Robbins* of Edina, Minn., is heading the committee to celebrate the 50th anniversary of Minneapolis' West High School Class of 1932 on June 12.

Dr. Ray Cochrane, of Minneapolis, was one of six athletic standouts who was inducted into the Macalester College Athletic Hall of Fame in 1981.

Lee Loevinger of Bethesda, Md., is a partner in the Washington, D.C. law firm of Hogan & Hartson.

'37 *Dr. Lyle Hay and Miriam (Raihala) Hay*, '35, are retired and live in Buffalo, Minn.

Philip J. Levy of Minneapolis is a lawyer.

John Savage is an independent petroleum consultant and producer in Midland, Texas, after 31 years with Royal Dutch/Shell.

Dr. John Siegel of Virginia, Minn., retired from the practice of surgical medicine in September.

Katherine Staley of Washington, D.C., is in private law practice and does local court work.

Melvin Voxland of Rochester, Minn., retired from the

State Teachers Retirement Board. He'd been a member 23 years.

'38 *Don O. Benson* of Prior Lake, Minn., has retired.

Miles Bredvold of St. Paul, is retired from the Minnesota Gas Co., where he was a market research analyst. He has been a firearms safety instructor for 24 years and also is active in rifle and radio clubs.

Mary Jane Wilson of Ft. Lauderdale, Fla., is president of the Opera Guild, vice president of the Ft. Lauderdale Symphony Orchestra Association, and is a board member of WPBT/Channel 2.

'39 *Clements Oliver* retired as an insurance consultant for the State of Minnesota and moved with his wife, Harriet (Peterson) Oliver, '40, to Sedona, Ariz.

'40 *Owen W. Parker* of Phoenix, Ariz., is a realtor with Merrill Lynch Realty, Phoenix.

Harold N. Renstrom of Moline, Iowa, has retired as a cost accountant for the John Deere Co., Moline.

Otto A. Silha of Edina, Minn., is a member of the board of directors of the Associated Press, a world-wide news gathering and distribution agency. At one time he was managing editor of the *Minnesota Daily*, a member of the Board of Regents, and is a trustee of the University of Minnesota Foundation.

New Deputy Auditor

Beth Sullivan, '80, was recently appointed Minnesota deputy state auditor. *Sullivan*, who received her doctorate from the University of Minnesota, is the first woman to be appointed to this post.



'44 *Dr. Edgar Lechner* of St. Paul, is president of the Minnesota Dental Association.

Daryl Mitton of San Diego was named director of entrepreneurial management center at San Diego State University. He is a professor of management and has recently written a book with Betty (Lilligren) Mitton, '50, called *Managerial CLOUT*.

'45 *Dagmar E. Brodt* of Punta Gorda, Fla., retired as a professor at the medical college of Georgia in Augusta. She is a fellow in the American Academy of Nursing, and is married to Frederick Brodt, '45.

Jane Headley of Berkeley, Calif., has worked as a counseling psychologist at the University of California, Berkeley, since 1949.

'46 *James Devitt* of New York is the chairman of MONY-Mutual of New York.

Jeanne H. Erickson of Edina, Minn., is a registered pharmacist and has recently written an article titled, "The Drug Abuse Problem in Relation to Pharmacy."

'47 *Rholan E. Larson* of Buffalo, Minn., is the managing partner and chairman of the board of directors of the accounting firm of Larson, Allen, Weishair and Co., Minneapolis. He was elected vice chairman of the American Institute of Certified Public Accountants.

John Madura of Austin, Minn., was elected to the Austin school board.

'48 *Warner A. Christeson* of Marshall, Minn., is retired.

James E. Haverstock of Wayzata, Minn., is a vice president with the Robert W. Baird Co., and is the president of the Minneapolis Lions Club.

'49 *Robert Froseth* of Kailua, Hawaii, is the sales representative for Keds Corp. He and his wife Jeannie, '47, have lived on the islands since 1974.

Robert D. Gunn of Wichita Falls, Texas, was elected to the board of trustees of the College of St. Catherine in St. Paul. He is an independent petroleum geologist and operator, and is married to Francis (O'Connor) Gunn, '47.

'50 *Lester Goldblatt* of St. Louis Park, Minn., has been promoted to corporate secretary of Good Neighbor Care Centers in St. Paul.

Dr. Marmion Hougham of Edina, Minn., has retired.

'51 *W. J. Dulmage* of Rochester, N.Y., is the assistant director of the photo-materials division research laboratories of the Eastman Kodak Co.

Conrad Frydenlund of Charles City, Calif., is a radiologist at the Floyd County Memorial Hospital in Charles City.

'52 *David C. Brandon Jr.* of Montevideo, Minn., is self-employed in the Tire and Brandag Retread business.

'53 *Professor Daniel V. Bryan* of St. Paul is retired.

Layton Peters of New Ulm, Minn., is serving as region three national Vo-Ag Teacher's Association vice president.

Earl Stanford of Minneapolis, who is vice president and resident manager of Kidder, Peabody and Co., Inc., is a board member of the Minneapolis Society of Fine Arts.

'54 *Geraldine Seamons* of Minneapolis, is manager of consumer kitchens for International Multifoods'

Keeping Healthy At the Zoo

You know how to treat a child or a spouse with a bad cold or a case of the flu — a little patience and a lot of sympathy make as good a remedy as any. But what do you do with an ailing Chinese leopard? Or a down-in-the-mouth orangutan? Zoo veterinarians are regularly confronted with such problems and are hampered in their search for a cure by a lack of physiological norms for comparison. How can you tell if a leopard has tired blood if you don't know what normal leopard blood looks like under a microscope?

Nate Flesness, '67, is an articulate, 34-year-old man who has made it his business to help solve this problem. Flesness is the director of the International Species Inventory System, a computerized record keeping system that lists the vital statistics of 50,000 animals and birds on three continents. ISIS is based at the Minnesota Zoo in Apple Valley and rents computer time from the University of Minnesota. The statistics, including age, sex, parents, name, and identification numbers for the animals, help the 160-member institutions — 130 of which are zoos in the United States, Canada, Europe, New Zealand, Puerto Rico, and Colombia — keep their animal populations healthy.

ISIS was begun by U. S. Seal and Dale Makey, a pair of biochemists doing research on laboratory animals at the Minneapolis Veterans Administration Hospital, to compile animal norms. By the time Flesness joined the

U.S. consumer products division.

'55 *Curtis Sampson* of Hector, Minn., founded Communications Systems Inc., which became a publically held company in November.

'56 *Catherine Maley* of Chapel Hill, N.C., is a professor in the department of romance languages at the University of North Carolina. She has written three books, including *Dans LeVent*, a French textbook.

'57 *Joy (Winkie) Viola* of Wayland, Mass., is the dean of Northeastern Uni-

versity's office of international affairs.

'58 *James Schoop* of Minneapolis, joined the Carleton College, Northfield, Minn., administration as director of college relations. He had been a Minneapolis *Star* reporter and was assistant city editor.

'60 *Charles Brandvold* of Jacksonville, Fla., is president and chief executive officer of Branchemco, Inc. He also is author of the book *Water Treatment-Industrial and Municipal*.

'62 *Odell Bjerckness* of Moorhead, Minn.,



Note Flesness

CHUCK BENDA

staff of ISIS in 1979, however, the member institutions had begun to turn to ISIS' matchmaking capabilities. For zoo populations to remain healthy, it is important that captive animals be bred with the proper mate to maintain genetic diversity.

"Animals in the wild are very variable, much more so than we used to think," Flesness said. "That variability is important. If you take a very small number of animals from the wild and isolate them, keep them in a very small population, and then breed them like crazy, you will lose that variability. Then, in fact, you have a very crippled species."

Thus the zoo's need for genetic counseling resulted

in what Flesness called "the tail wagging the dog." The physiological data became less important than establishing reliable family trees for individual animals in captivity.

Flesness, who got his bachelor's in chemistry from the University of Minnesota and is currently a candidate for a doctorate in evolutionary biology, became interested in ISIS when he returned to Minnesota in 1970 after spending a year at the University of Pennsylvania and a year in the Navy. He got a job working for Seal in the department of endocrinology at the University Hospitals for two years. Then he decided to return to graduate school with Seal as his major adviser.

Before he could complete his doctoral dissertation, Flesness was offered the director's job with ISIS in 1979. He supervises two full-time and three half-time people as well as the work of a computer consultant, in the never-ending battle to keep their records current as animals change zoos and names. Flesness travels to several zoo conferences around the world and is also responsible for raising funds to keep ISIS going.

Flesness believes ISIS will eventually become more involved with statistics on animal norms and lose its popular image as a computerized dating service for zoo animals. The physiological data may prove crucial to the effort to save certain species in danger of extinction.

He is married to Jan Eldridge, a graduate student in behavioral biology at the University of Minnesota. Flesness, who says his doctoral thesis is largely written and ready to be defended, jokingly complains that he has "dragged out a long career as a professional graduate student" and is now in danger of finishing it. *Chuck Benda*

was honored by Luther College, Decorah, Iowa, as an outstanding educator, linguist, and administrator. He has received other awards, including the St. Olaf Award from the Norwegian government.

Thomas Slavens of Ann Arbor, Mich., is the editor of two books, *The Retrieval of Information in the Humanities and the Social Sciences* and *Library-Problems in the Humanities*.

'63 *Myrna Ann Feller* of Boalsburg, Pa., is an academic career counselor in business administration at Pennsylvania State University.

'64 *Ronald Behm* of Plymouth, Minn., is national sales manager of the food service operations for General Mills.

Ron Kagel of Midland, Minn., is director of environmental quality for Dow Chemical U.S. operations. This program deals with control of air and water pollution, solid wastes, and toxic substances.

'65 *Darlene Dommel* of Golden Valley, Minn., was appointed to the governor's advisory task force on epilepsy. She is a free-lance writer, a registered nurse, and a former instructor in nursing.

'66 *Robert Lindall* of Chaska, Minn., is chairman of the Hennepin County Bar Association's eminent domain committee. He also is vice-president and member of the board of directors of Holmes & Graven, Chartered.

'67 *Joseph Cavaleri* of Minneapolis, has retired as elementary physical education department chairman of the St. Louis Park public schools.

'68 *Jane DeGidio* of Eugene, Oregon, was reappointed to the State of Oregon's apprenticeship and training council.

'69 *Stanley D. Miller* of Dallas, is vice president and manager of real estate investments for Republic Bank of Dallas.

Gerald Seck of Bemidji, Minn., is a partner in the law firm of Kief, Fuller, Baer, Wallner & Seck Ltd.

'70 *Sheila Rose* of Minneapolis, is employed by the Minneapolis Public School System as a Title I coordinator and teacher of primary-age gifted and talented students.

Gregory Wright of Plymouth, Minn., is an institutional broker in the bonds department of Dain Boswell.

'71 *Rowshan Daneshy* of Duncan, Okla., is a librarian for Halliburton Services Research Center.

John M. Ford of Bloomington, Minn., is director of marketing for Honeywell Data Network.

'72 *Lois Ferm* of Asherville, N.C., is a resource coordinator for the Billy Graham Evangelistic Association.

John W. Benson of Scottsdale, Ariz., is director of the pharmacy management services at the Pharmaceutical Card System, Inc., Phoenix.

'73 *Robert B. Abrahamson* of Mound, Minn., is the product manager of floor machines and wet-dry vacuums for the Advance Machine Co., Spring Park, Minn.

Teri Berglund of Dillon, Co., is assistant supervisor of the base area at Keystone Ski Resort. She's living in Montezuma, an old mining town in a cabin without water or electricity.

Roxana Boyles of Red Wing, Minn., is involved in the Red Wing hospice program and is an active oblate of St. Benedict's, of the convent in St. Joseph, Minn.

'74 *Edward Olszewski* of Cleveland, Ohio, is an associate professor, department of art, Case Western Reserve University. He has written *The Draftsman's Eye*, a book dealing with late Italian renaissance schools and styles.

Jeffrey Zibley of Minneapo-

lis, is personnel administrator at Ray Go Inc. He also is vice president of marketing for the Twin Cities chapter of the Society for the Advancement of Management.

'75 *J. Roy Black* of Okemos, Mich., a professor of agricultural economics at Michigan State University, was initiated into Sigma Xi research society. He is married to Lois J. Karl, '71.

Yona Hackl of Miami, Fla., is an environmental health nurse and is a captain in the United States Air Force stationed at Eglin Air Force Base.

Nancy J. Johnson of Minneapolis is a cash management officer at First Bank, Minneapolis.

Rogers M. Lewis of Roosevelt, N.Y., is assistant superintendent for curriculum and instruction at Roosevelt public schools.

'76 *Beth DePoint* of Minneapolis, is a public relations manager for Rise Inc., a vocational rehabilitation center for the handicapped.

Scott Friedland of Fullerton, Calif., is expected to graduate from Western State University College of Law in May.

Jean Ellen (Wiegrefe) Johnson was recently married. She works for the University of Minnesota Agriculture Extension Service in Wright County and is secretary of Wright County Alumni Association.

Stephen Zien of Minneapolis, works for Snyder Drug as a pharmacist. He also is a member of the American Pharmaceutical Association.

'77 *Darrell Charboneau* of St. Paul is a controller with the Standard Building Material Co. Inc.

Carol Lee Hilewick of Morristown, N.J., is managing the office of policy, legislative and regulatory issues, and business marketing management at American Telephone and Telegraph, Basking Ridge, N.Y.

'78 *A. K. Dhandapani* of New Orleans, is a manufacturing engineer for Martin Marietta, Aerospace, space shuttle, external tank project.

Joan Hyrkas of Plymouth, Minn., is a technical representative with PBS Computing.

William Montone of Greenwich, R.I., is supervisor, compensation and computer systems for the Roger Corp., Rogers, Conn.

Kathleen L. Wells of Wahiawa, Hawaii, is a captain in the Army Nurse Corps.

'79 *Thomas M. Christensen* of Ithaca, N.Y., received his master's degree in applied physics from Cornell University. He is continuing in a doctoral program, studying the physics of metal surfaces.

Patrick D. Eckman of Washington, D.C., has received a master's degree in public policy from the University of Berkeley and is working as a policy analyst in the mayor's office of economic development in New York City.

Anne McMahon of Hudson, Wis., is a stockbroker at Piper, Jaffrey & Hopwood of St. Paul.

'80 *Victoria Arnold* of Milwaukee, is employed at Chase Econometrics Interactive Data Corp. as a branch administrator of the marketing department.

Kathryn Ferrin of Fullerton, Calif., is employed by Upjohn veterinary sales of Los Angeles.

Charles Hubbell of Playa del Rey, Calif., is a supervisor of radio traffic for the Robert Wold Co., Inc.

Frederick I. Johnson of San Antonio, Texas, is assistant professor of economics at Trinity University. He has received an award for an outstanding doctoral thesis from the American Agricultural Economics Association.

'81 *Sheila Ashbrook* of Champaign, Ill., is assistant professor of foods and nutrition at the University of Illinois.

Dr. Thomas Hansen of Dawson, Minn., has begun a dental practice in Dawson.

Mary Orfield of Edina, Minn., is on staff at the international headquarters of Campus Crusade in San Bernardino, Calif.

Deaths

George F. Benedict, '03, Shelton, Wash., on Nov. 17, 1981.

Arthur R. Hustad, '16, on Jan. 2, 1982, in Wayzata. He was head of White & Odell Insurance Agency, was past president of the Alumni Association



Hector's Doc

Dr. C. A. Anderson, '44, was recently named one of the top 10 family physicians in the country by Good Housekeeping magazine and the American Academy of Family Physicians. Anderson, who said he planned to stay in practice in Hector, Minn., for only 10 years, has been there since 1948.

of the University of Minnesota, and was a holder of the Outstanding Achievement Award as well as one of the founders of the Williams Athletic Scholarship Fund.

Lillian (Mayer) Fink, '18, of Minneapolis, on June 12, 1981. She was a past president of the Alumnae Club and was an Alumni Service Award recipient.

Jane (Wooster) Coghlan, '20, of Renton, Wash., on Oct. 5, 1981. She was dean of women at North Dakota State College, Mayville.

Ernest W. Nelson, '20, of Ponca City, Okla., on Nov. 2, 1981. He was a research scientist for 36 years with Conoco.

Gladys E. Meyerand, '21, of Chula Vista, Calif., on Sept. 7, 1981 in San Diego. She was a psychiatric social worker for the New York City schools.

Dr. Louis A. Fried, '25, of St. Louis Park, Minn., on Oct. 31, 1981. He had a general medical practice in Minneapolis for more than 30 years.

Esther T. Nelson, '26, of Minneapolis, on Dec. 6, 1981. She was a life member of the Minnesota Alumni Association.

Walter H. Dumke, '27, of Denver, on Oct. 7, 1981. He was a professor emeritus in chemistry at the Colorado School of Mines, Golden.

Anna C. Olesen, '27, of Winona, Minn. on July 12, 1981.

J. Duane Squires, '27, of New London, N.H., on April 9, 1981. He was chairman of the department of social studies of Colby-Sawyer College, New London.

Dr. William B. Stryker, '27, of San Diego, on Aug. 13, 1981.

Charlotte (Thompson) Lee, '28, of Salinas, Calif., on Nov. 17, 1981. She was a teacher for 45 years and was active in music groups.

Carl A. Dahl, '29, of Oklahoma City, Okla., on June 1, 1981.

Alan H. Meinecke, '30, of Glendale, Calif., on Dec. 4, 1981. He was a retired architect and had contributed to the Minnesota Foundation.

Dr. Arthur M. Solheim, '30, of Minneapolis, on Feb. 24, 1981. He practiced dentistry at the Minnesota Health Center and privately.

Theodore H. Nelson, '31, of St. Paul, on May 1, 1980.

H. Ray "Paddy" Cline, '32, of Cloquet, Minn., on Oct. 4, 1981.

Dr. Paul T. Erickson, '32, of Decatur, Ga., on Oct. 15, 1981. He was a pioneer in the use of Sulfone in the treatment of leprosy.

Dr. U. R. Ulferts, '33, of Louisville, Ky., on Oct. 15, 1981. He was a radiologist.

Robert J. Christianson, '34, of Edina, Minn., on Nov. 4, 1981. He was a Minneapolis

attorney for nearly 50 years.

C. Bruce Lindeke, '36, of Boulder, Colo., on July 26, 1981 in Spokane, Wash. He was the founder of Bolind Inc., a mail order company.

Oswald Nielson, '36, of Indianapolis, Ind., on Sept. 6, 1981. He was a Stanford Business School emeritus professor of accounting in Stanford, Calif.

Brother Leo Northam, '36, of Winona, Minn., on Oct. 29, 1981. He was a registrar and teacher at St. Mary's College.

Dorothy B. Hansen, '41, of Greensboro, N.C., on Aug. 3, 1981.

William B. Rohan, '41, of Coronado, Calif., on Nov. 22, 1981. He was a member of the integration task force for San Diego city schools.

Arthur Brickman, '42, of State College, Pa., on April 13, 1981. He was a professor emeritus of mechanical engineering at Pennsylvania State University.

F.A. Lindahl, '42, of Sleepy Eye, Minn.

Mary Eleanor (Zuppann) Sutorick, '42, of Annandale, Va., on Dec. 6, 1981.

Dr. Cherry Cedarleaf, '47, of Mahtomedi, Minn., on April 25, 1981. She was a general practitioner and psychiatrist.

Russell M. Sawdey, '47, of Bemidji, Minn.

Marina E. Axen, '49, of Muncie, Ind., on Nov. 10,

1981. She was chairman of Ball State University library science department.

Robert McElrath, '49, of Madison, Wis., last spring. He was assistant vice-president for the National Guardian Life Insurance Co., Madison.

Dr. Wendall Johnson, '54, of Farmington, Minn., on Sept. 14, 1981, in Rochester, Minn. He had been a Farmington dentist for 27 years.

George Hanrahan, '58, of Fairfax, Va., recently, in Wauwatosa, Wis. He was an economist in the office of the assistant secretary of commerce, Washington, D.C.

R. G. Lillie, '65, of Grand Rapids, Minn.

Lana M. Magnuson, '65, of St. Paul, on March 24, 1981.

Donald F. Scannell, '66, of Big Rapids, Mich., on May 12, 1981. He was coordinator of the journalism program and professor of English at Ferris State College, Big Rapids.

Eugene Fleider, '71, on Sept. 2, 1981, in Calif. He was a University of Minnesota professor of mines and engineering.

Ervin Bruce Rudenick, '72, of Minneapolis, on Oct. 4, 1981. He was employed at Midwest Printing.

Nancy E. Rongren, '74, of Glen Ellyn, Ill., on Sept. 9, 1981. She was completing her master's degree at Northwestern Graduate School of Management.

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- Fast, Herman R.; '49 IT; W. Covina, Calif.
- Faucher, Harold N.; '51 BUS; Hopkins
- Fausch, Homer D.; '53 GRAD; Mt. Baldy, Calif.
- Fausch, (Mrs. Homer D.), Guinevere Snythe; '43 HE; Mt. Baldy, Calif.
- Fazendin, Roger A.; Wayzata
- Feinberg, David E.; '48 IT; St. Paul
- Fellerman, Arthur W.; IT; Monticello, Minn.
- Fellerman, (Mrs. Arthur W.), Diane J.; '63 HE; Monticello, Minn.
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- Fevig, Charles L.; '76 CLA; Wyoming, Minn.
- Field, Robert L.; '65 ED; Oshkosh, Wis.
- Finney, Harlan R.; '66 GRAD; St. Paul
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- Fitch, Steven V.; '72 UCOL; Eagan
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- Folsom, (Mrs. Gary L.), Deanna; Parkers Prairie, Minn.
- Folven, Floyd; '64 GRAD; Pasadena, Calif.
- Ford, Dean R.; '75 BUS; Blaine
- Foss, Anita R.; '67 CLA; Crystal
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- Franceschetti, Donna M.; '75 MEDTC; Minneapolis
- Fraser, Everett MacKay; '43 CLA; Arlington, Mass.
- French, John D.; '55 CLA; Minneapolis
- Frenzel, William F.; '68 CLA; Arlington, Texas
- Freudenburg, Victor; '69 GRAD; Orlando, Fla.
- Freund, Dr. Fanny; '56 DENT; Wayzata
- Frey, Fredricka L. Miller; '71 GC; Brooklyn Park
- Fricke, George L.; '58 BUS; Bloomington
- Friedrich, Susan Kay; '72 CLA; W. St. Paul
- Frohrip, Kenton; '72 GRAD; St. Cloud
- Froyd, Peter W.; '60 CLA; Mattawan, Mich.
- Fruetel, Sharon A.; '78 GRAD; St. Paul
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- Gardner, William E.; '61 GRAD; St. Louis Park
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- Gates, George L.; '42 CLA; Minneapolis
- Gavenda, Jim L.; '71 ED; New Hope
- Geagan, William N.; '51 LAW; Butte, Mont.
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- Graham, Gardner A.; '34 AG; Roberts, Wis.
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- Grahn, Timothy C.; '78 VET M; Roseville
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- Greenberg, Lawrence; '48 BUS; Minneapolis
- Greenberg, (Mrs. Lawrence), Ronya; Minneapolis
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Johnson, William E., Jr.; '58 PH; Madison, Wis.
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Jones, Russell T.; '46 GRAD; Grandville, Mich.
Jones, Steven C.; '76 IT; St. Paul
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ONCE OVER LIGHTLY



A Penny for Your Tots

Members of the fraternities and sororities at the University of Minnesota along with the Minnesota Vikings ended up with 553,300 pennies, which covered a 2,000-square-foot design at Ridgedale Shopping Center in Minnetonka.

With the addition of 30 one dollar bills and after the pennies had been counted by a bank, a check for \$5,563 was presented to the Minnesota Vikings Children's Fund and then to the University's pediatrics department where the money will be used to research childhood diseases.

As part of Greek Week and in conjunction with the Vikings, the



two groups were trying for a *Guinness Book of World Records*' claim for the world's record for largest penny design.

Gary Fellows, in the larger photo by Steve Schluter of the *Minneapolis Star*, helped arrange the pennies.

"At first I didn't think something like this could be done," said Kernal Bubler, assistant promotion director for the Vikings Children's Fund. "I didn't think there were that many pennies available in this area."

WE'RE GOING TO CARNEGIE HALL



Join us when your University of Minnesota Concert Band and Jazz Ensemble take the stage at Carnegie Hall for the show of a lifetime

To give this tour a true Minnesota flavor, your fellow alumni from the East will host a pre-concert cocktail party and a post-concert "Afterglow" party on Friday, March 26. And this is just the beginning of a fabulous weekend in New York City. This special Minnesota Alumni tour also includes round trip air transportation; hotel accommodations at the Marriott Essex House, on Central Park; sight-seeing; and access

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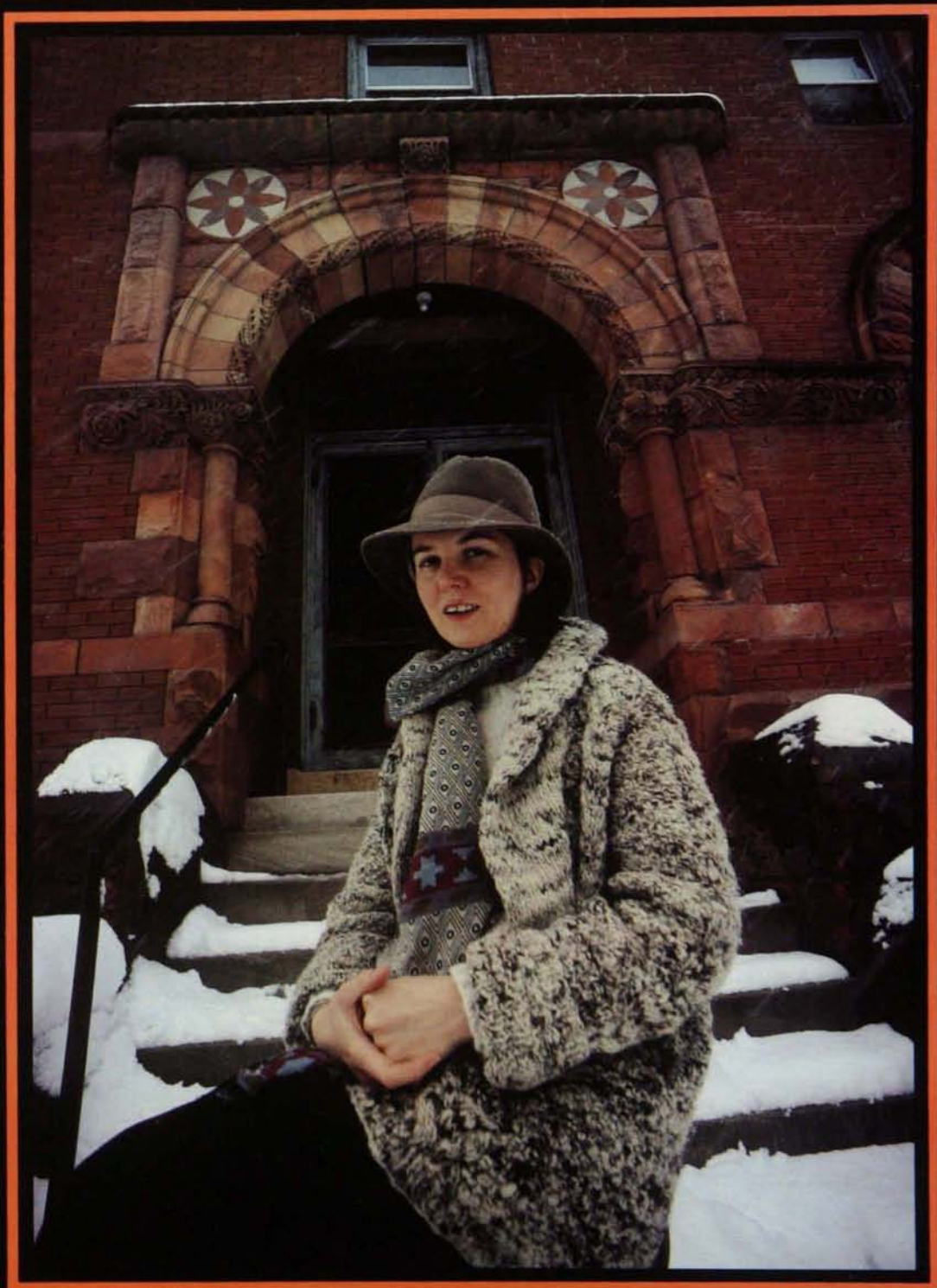
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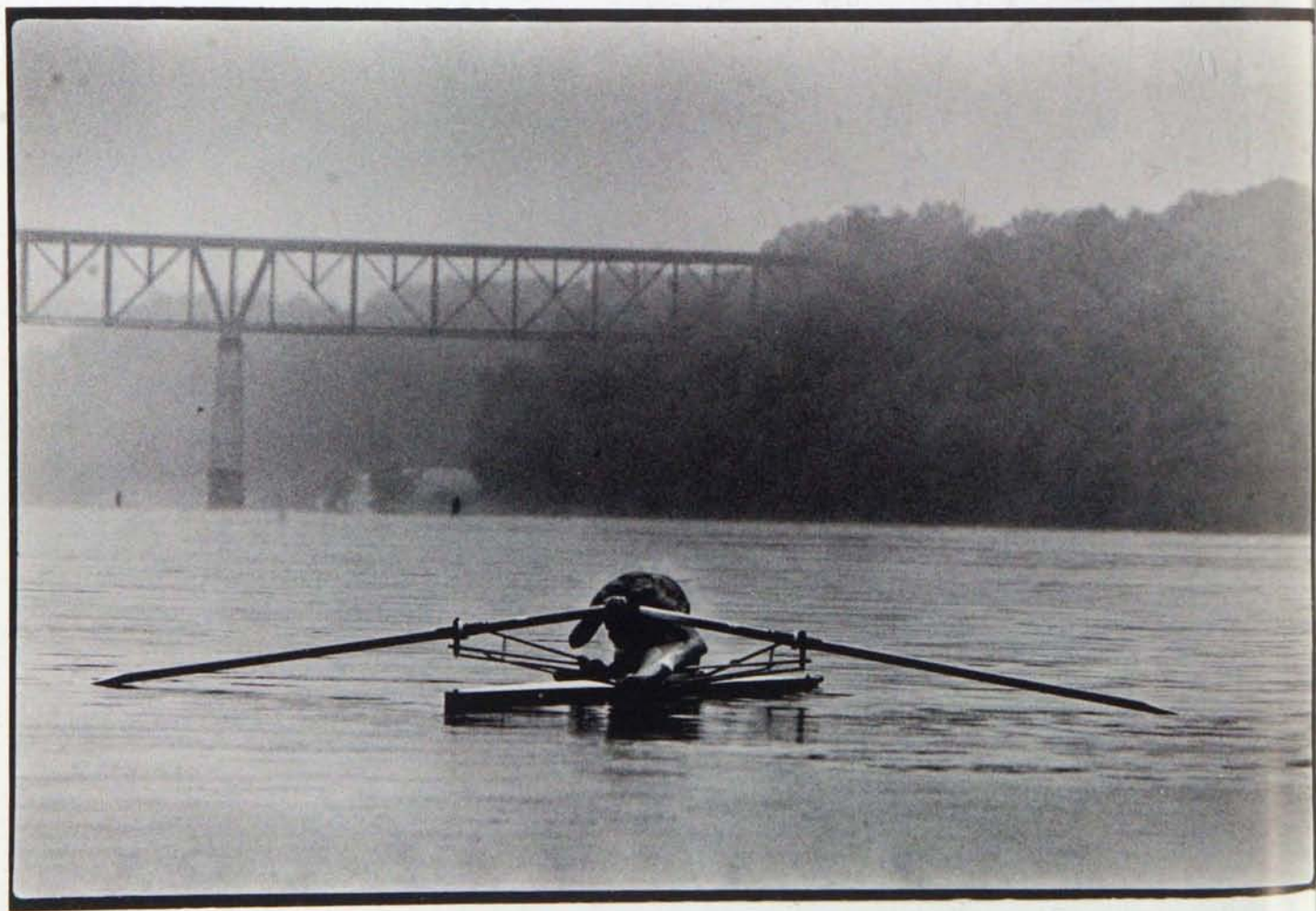


MINNESOTA

University of Minnesota Alumni Association

April 1982





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8 Out of the Ivory Tower

by Chuck Benda

Patricia Hampl's writing has appeared in *The American Poetry Review*, *Ms. Magazine*, and *The New Yorker*. Her first book of poems, *Woman Before an Aquarium*, was published in 1978; her memoirs, *A Romantic Education*, in 1981.



13 He Designed Cathedrals for the Cinema

by David Wood

Between 1928 and 1941, Jack Liebenberger's firm designed about 200 movie theaters, almost exclusively in art deco style: streamlined shapes, bold patterns, rich colors.



18 The Second Greatest Show on Earth

Campus Carni is off and running again this month — April 22-24. Don't miss it.

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Cover: Patricia Hampl lives in an apartment building that was once a series of separate row houses on Summit Hill in St. Paul. Photo by Rob Levine.
Inside Front Cover: Dave Shippee, '81, took this photograph of a rower near the University of Minnesota Twin Cities campus. "I am fascinated by all people and what they do. I wish I had time to photograph everyone I meet. However, I am satisfied preserving a few honest images of friends and acquaintances on film. My subjects are all average folks like you and me seen in different lights and different moods," he said. The photograph ("Untitled," 9 by 13½-inches) was featured at the Katherine E. Nash Gallery on the West Bank Union in Willey Hall.

THE EDITOR

A Presidential Watcher

Vera Bowman was born before the turn of the century near Dinkytown and claims to have been acquainted with all *11 presidents of the University of Minnesota.

She stole flowers from the first — William Watts Folwell — and has had tea with the present — C. Peter Magrath.

Because she lived so close to the Twin Cities campus and because she went to school in that area, the campus, really, was her playground.

So she knew who the presidents were and she knew where they lived.

Her father, C. W. Meneillery, was a dealer in "fancy groceries, flour, and feed" and ran a store at 407 14th Avenue Southeast.

Oscar Firkins, who taught English at the University, had a sister who conducted a kindergarten and Vera was one of the pupils.

She went on to Marcey grade school, attended East High School, but was graduated from a Mt. Carmel, Ill., boarding school.

Later she attended the "U" but dropped out to marry a Navy man — Frank William Bowman — who died in 1949.

"Sometimes I would swipe a dandelion from the Folwell (William Watts: 1869-1884) yard," she said, history books piled on top of one another at her writing desk near a window of her apartment at 510 Groveland, Minneapolis.

She also used to play in the Northrop's (Cyrus: 1884-1911)

**E. W. Ziebarth served as president of the University from June 17 to Sept. 1, 1974.*

backyard because "he lived on 10th Street and we lived on 13th —"

She attended some of Vincent's (George: 1911-1917) business courses and was a good friend of the Burton's (Marion L.: 1917-1920) daughter.

Coffman (Lotus D.: 1920-1938) would have been impressed that they named the student union after him," she said, shifting the books at her desk.

One president who did not cater much to people was Ford (Guy Stanton: 1938-1941), she said.

And Coffey (Walter C.: 1941-1945) was "more down to earth."

Once when she was president of the 1,800-member Woman's Club, one of the members asked:

"Do you think Morrill (James Lewis: 1945-1960) is a good speaker?"

"I replied, 'Well, I don't know if he is or not, but he is the president.'"

Because of her lifelong interest in music — she helped found the Metropolitan Opera Series at Northrop Auditorium, gave the School of Music two pianos, and has helped the school raise money — she recalls that Wilson (O. Meredith: 1960-1967) was a musician.

"Moos' (Malcolm: 1967-1974) wife, Tracy, was certainly popular," Mrs. Bowman said, especially socially. She once took some professor's wives on a Mississippi River boat trip.

And recently, because of Mrs. Bowman's interest in the history of the University — she effortlessly drops names like Tom Shevlin and Fred Snyder and Louis Nipper and knows there were Pillsbury twins — she called on President Magrath, later had Diane Skomars Magrath come to the apartment, and subsequently was invited to tea at East-

cliff, the president's residence.

Her other interests include being a member of the Presidents Club; she served on the Mayo Memorial Building Committee; was a charter member of the Minnesota Alumni Club; is a life member of the Minnesota Alumni Association; is a former trustee of the Minnesota Medical Foundation; and is now helping increase the support for the Goldstein Gallery on the St. Paul campus.

"You know," said Mrs. Bowman who will be 88 on June 11, "this is a Yale town. But I am for the University of Minnesota one hundred percent!"

Special Notice

The Minnesota Alumni Association has decided to combine the May and June issues of *Minnesota* magazine. The combined issue will keep the readers informed of the budget crisis facing the University of Minnesota and support in our own way a directive that University newsletters, magazines, and newspapers be suspended for the spring quarter. So there will not be a May issue but a combined issue that will be mailed in about eight weeks.

AT THE 'U'

Regents Approve Tuition Hike

A 15 percent surcharge will be tacked onto tuition charged University of Minnesota students this summer as part of a package meant to make up for a \$26.6 million hole in the university's 1981-83 budget, the board of regents decided.

The surcharge is part of a plan that also includes \$6.9 million in cuts to support units on the Twin Cities campuses; \$3.5 million in Twin Cities academic program cuts; \$2.5 million in cuts from a list of special state appropriations; and \$1.3 from academic programs and support units at the university's four coordinate campuses.

University President C. Peter Magrath told the board that without a temporary tuition increase of 15 percent during the course of the biennium, academic programs would have to be "dismantled" still further. "There are no choices in my opinion," he said.

Rose Johnson, a student representative to the board, said students are opposed to the added surcharge because it would go to support staff salaries. "Students simply can't afford that increase, and we oppose a further increase to pay for faculty salary increases," she said.

Magrath argued that since 78 percent of costs at the university are people costs, at some point all sectors end up paying for salaries.

"As much as each of us would like to say that there are areas that could be excluded from this process, that's just not true," said Wenda Moore, chairman of the board. "The

students are going to have to participate as well as the faculty and civil service and all of us."

Minneapolis regent David Lebedoff said that cuts in programs have been so deep already there is no choice but to raise tuition. "It is not true that we serve the students only by keeping tuition down," he said. "We also serve them by keeping quality up. We're getting too close to endangering the quality that we offer students."

Also at the meeting the regents got their first look at a draft long-range plan that would reduce, reorganize or eliminate about 100 university programs, or about 5 percent of the total.

In a departure from the usual process, the document was given to the regents at the same time it was distributed to the rest of the university community. The plan will be discussed widely within the university during the next few months, and will be the basis of the 1982-84 budgets, Kenneth Keller, vice president for academic affairs, said.

Under the plan, several programs would be eliminated over the next several years, including the Library School, South Asian studies, the pharmacy baccalaureate program, and undergraduate metallurgy on the Twin Cities campus and, on the Duluth campus, home economics, the geography department, and the history master's program.

The list of programs to be reduced on the Twin Cities campus includes agricultural engineering, dental hygiene, physical education, educational administration, Afro-American and African studies, industrial relations, East Asian studies, and physical chemistry. Reductions at other campuses would include studio arts, English literature, and sociology at Duluth; student

services and the library at Morris; rural communications and student services at Crookston; and food industry and technology, and international programs at Waseca.

Keller said tenured faculty members whose jobs are affected by the cuts and reductions will be given several options from which to choose, including early retirement, phased retirement, and shifts to other units within the University. Each of the options is voluntary, Keller said.

President Warns of Technology Gap

Cuts in federal budgets that support research are shortsighted and may result in a long-term gap in American know-how, University of Minnesota President C. Peter Magrath recently told members of a congressional committee in Washington.

Despite the fact that advances in science and technology have been given much attention in the mass media, "the blunt fact is that these presentations are heralding research and development that is several years old," Magrath said.

Magrath testified before the House Committee on Science and Technology, the group that sets authorization for the National Science Foundation, the National Aeronautics and Space Administration and other non-military science programs. The committee has been conducting a series of hearings on financial troubles for U.S. science and technology.

"We are bragging about our past in science and technology while our

present and future are in serious doubt," Magrath said. U.S. expenditures on research are now being compared publicly with research support in Germany, Japan and the Soviet Union, he said, but the cue has not been taken.

Magrath warned that failure to support basic research could lead this country into a quiet "cultural revolution" similar to that experienced by China where "science . . . was a disaster area, and for years they failed even to keep up with other scientific activities around the world."

It is unlikely that individual states will take over for the federal government in paying for research programs, Magrath said, citing Minnesota as a state whose severe difficulties have already meant cut-backs in research institutions. "We are now dismantling programs and services that our state is going to regret losing, after it's too late," he said.

Passing responsibility for research support onto individual states will also mean a shift from broad research programs that cut across fields to a fragmented, gee-whiz approach to research, he said.

"Shifting research sponsorship from the federal government to the private sector and the state governments almost inevitably will lead to an over emphasis on applied research with immediate economic development implications and less communication among the nation's researchers."

Even at the federal level, however, the tendency to support quick and dramatic projects has grown, he said. Research in the social and behavioral sciences and the humanities has lost financial support because "these are the areas where you get the flak from constituents who wonder why in the world their taxes are being spent for projects they see as flaky."

But research in these areas may provide answers to some of the most severe problems the country faces, including the problems of urban America, economic troubles, productivity, family issues and slipping quality of life.

Ignorance of the social sciences kept the United States in the disastrous Southeast Asian conflict, he said. "We are now watching huge investments in military hard science, and at the same time, we are struggling to keep an already inadequate budget for international education efforts that just might eliminate or reduce the need for all that hardware."

One of the biggest problems facing the country is the general economic muddle, Magrath said. "Even those most directly identified with it admit that we know very little from economic or behavioral research, and the characterization of it as a 'riverboat gamble' has summed it up well. We don't even know enough to understand the odds," he said.

Magrath urged the committee members to look beyond pressure from constituents to the long-term needs of the country. "If it works out that America loses its scientific strength, our constituents will be unforgiving and they will be right."

Nielsen Named Center's Director

Irene Nielsen, a nurse-midwife who has delivered more than 2,000 babies, has been named director of the Childbearing-Childrearing Center at the University of Minnesota.

Nielsen has served as director and president of the Birth Center in Cottage Grove, Ore., since 1976

and has worked as a public health nurse, a nurse practitioner and a U.S. Army nurse.

Nielsen received a bachelor of science degree in nursing from Gustavus Adolphus College in St. Peter in 1961 and a master of science degree in maternal and child nursing and midwifery from the University of Utah in 1971. She has served on the faculty of Idaho State University and has taught nurse-midwifery students from the University of California at San Francisco.

The Childbearing-Childrearing Center, which opened in 1975, is staffed by certified nurse midwives, pediatric nurse associates and adult nurse practitioners.

Family Farms Giving Mexico Food Independence

Mexico has overtaken the United States in one area of agricultural research: the small, diversified family farm. After years of trying to imitate the U.S. system of farming — the big, specialized and mechanized operation — many developing countries are finding it more effective to refine the basic system they already have.

That trend was highlighted at the "Political Ecology of Food" session of the American Association for the Advancement of Science (AAAS) convention recently in Washington.

"These countries are now thinking in terms of systems of farming, and they're using very political means to carry out their programs," Frank Miller, the University of Minnesota anthropologist who

chaired the session, said in an interview.

Miller spoke at a session about the new "Mexican Food System," a detailed plan drawn by the Mexican government to make the country self-sufficient in its staple foods by 1982. The government is claiming success a year ahead of schedule. Early this winter, for the first time since 1972, Mexico announced it was self-sufficient in beans and corn.

"The Mexican Food System is aptly named because it's definitely nationalistic and it's definitely a system," Miller said. The plan adapts technical advances to the traditional system of family farming, and has promoted the effort with nationalistic advertising.

"The plan started as a political decision not to depend on the United States for food," Miller said. "Mexicans are very proud people and food dependency is considered the worst kind of dependency." Advertising depicted the United States as "the colossus of the North," ready to use its supply of food to plunder Mexico's oil reserves, he said.

Before Mexico wrote its detailed plan for food self-sufficiency, it tried to help farmers by introducing technical advances that had been designed for the U.S. system of agriculture. But what works for a 600-acre Midwest corn farm may not work the same way for a Mexican farmer tilling the side of the mountain. It's not that fertilizer and new seed varieties can't help Mexican farmers, Miller said, but the developments have to be adapted to the traditional Mexican system of agriculture.

An ambitious project a few years ago introduced a new corn variety to Mexico's farmers, Miller said. Project advisers were upset because many farmers refused to follow recommendations. Instead of planting

fields of only this corn variety, they continued to intersperse corn and beans. The advisers were astonished to find these farmers got better yields than those who followed directions, he said. The beans helped fix nitrogen in the poor soil, which helped the corn plants.

"Most agriculture research concentrates on raising single crops," Miller said. "That's the way the farms are in the U.S.: big operations with little diversity. In Mexico diversity is a hedge against crop failure. In the mountains a farmer may grow 15 varieties of potatoes depending on the soil and the seed for drought and frost resistance.

"The Mexican government is now doing field studies to learn traditional agriculture methods. It's much more of a two-way process between advisers and farmers." The plan provides for subsidized fertilizer and seeds, improved insurance and other incentives to farm more land.

Research geared to small, family-run farms is new to Mexico, Miller said. Previously, the research effort was for the country's big irrigated farms. These relatively few farms produce vegetables for export to the United States, animal feed, wheat and oilseeds. They create jobs and bring foreign currency to Mexico, but they don't produce the food most of the population eats.

"Extensive nutrition studies by the Mexican government concluded that malnutrition is growing," Miller said. "It affects half the Mexican population. This news comes from a government that doesn't like to hear criticism. They must have decided to publicize the problem because they really intend to do something about the food situation. The major strategy is to vitalize small farms and peasant agriculture."

Like most developing countries, Mexico relies on individual farmers for food production, Miller said.

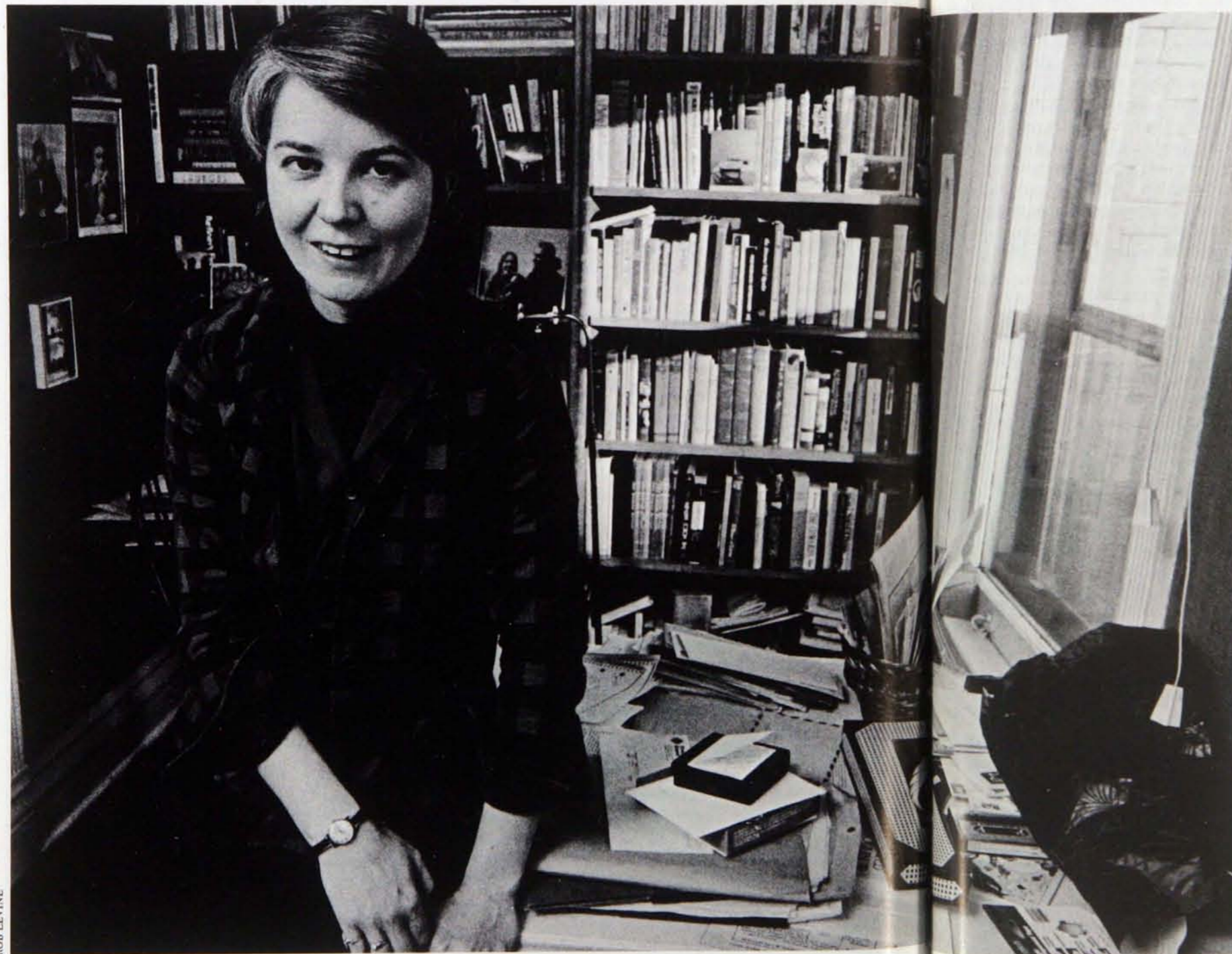
"About 70 percent of the corn and beans is grown by peasant farmers." But bad weather in the 1970s resulted in crop failures and in 1979 Mexico had to import 4 million tons of U.S. corn.

Although Mexico is already claiming success based on this fall's harvest, Miller foresees one major flaw in the plan.

"Erosion is a big problem that they seem to have completely overlooked," Miller said. "The traditional slash and burn system of agriculture intensifies erosion. There's a lot of farming on mountain slopes, on very marginal land, where erosion shows up fast. In thousands of pages on the food system there's no mention of erosion. Other than that, no detail seems to have been neglected."

Ultimately, the success of the program may depend on the weather, Miller said. "Good weather might prove to be more important than enthusiasm and new technology."

Hampl, who worked on both the *Minnesota Daily* and *The Ivory Tower* while she was a student at the University, said "I couldn't imagine a better training ground. I feel really sorry that the 'U' doesn't have that magazine (*The Ivory Tower*) anymore because I feel I learned a lot."



ROB LEVINE

Out of the Ivory Tower

by Chuck Benda

"I wanted to be a writer. And I didn't have to wait until I grew up to be a writer . . . I could sit at the dining room table and ask my mother how to spell the hard words. . . . Writing was the soul of everything else. Wanting to be a writer was wanting to be a person."

from *A Romantic Education*
Patricia Hampl, 1981.

A five-minute walk would take Patricia Hampl from her front doorstep to the St. Paul Cathedral. She lives in the Summit Hill area of St. Paul, a section of the city famous for its old mansions and sprawling brownstones that were once the homes of the rich and would-be-rich, from James J. Hill to F. Scott Fitzgerald. It is an area of the city that Hampl has written a great deal about; from "The Upper End of Summit," a feature Hampl, 36 years old, wrote in 1965 for a for-

mer University of Minnesota student magazine, *The Ivory Tower*; through a poem entitled "St. Paul: Walking;" to *A Romantic Education*, a book for which Hampl was awarded a Houghton Mifflin Literary Fellowship.

It is not a neighborhood for roller skating. The sidewalks — many of them mosaics of concrete squares or hexagons — are heaved and buckled. Alleyways, some of them still cobbled with red brick, lead past service entrances to the Summit Avenue mansions. Many of the old carriage houses and servants' quarters are constructed from the same sort of red brick that paves the alleys and some of the streets. Some are falling down, the brick cracked and weather-eaten at the corners, the windows boarded up to keep out the pigeons. Others have been renovated into apartments, workshops, or garages.

The building Hampl lives in — once a series of unconnected row houses — was converted to an L-

shaped apartment building in the 1930s. The front is ornate, of red brick and stone with arches that have Gothic reliefs set into the impost. A turret rises above the corner of the L. In the back, the brick is buff, the design plain. Wooden fire escapes lead down to a courtyard-like area in the crook of the L.

Inside, in her second-floor apartment, as Hampl talked of her writing, of St. Paul, of herself, she curled in her chair with a cup of tea like a cat done stretching.

"I started working as a reporter on the (Minnesota) *Daily* when I was a freshman. I wrote a story on the Minneapolis Symphony, as it was called then, and Garrison (Keillor) liked it. He asked me if I would be interested in coming over to the *Tower*."

(Keillor, who has written frequently for *The New Yorker* and *The Atlantic Monthly* and is the creator and host of National Public Radio's popular radio show, "A Prairie Home Companion," was then editor of *The Ivory Tower*, a monthly student magazine published in conjunction with the *Minnesota Daily* from September 1953, to May 1969. It featured student-written fiction, poetry, and prose articles and, at least under Keillor's editorship, resembled the *New Yorker* with a "Talk-of-the-Town"-like department entitled "Broad-sides.")

"The first assignment he gave me was to cover the U of M curling club. You know what curling is?" she asked. "I went out with these old duffers . . . young duffers . . . all these men, you know. Here I was this 18-year-old flipperty-gidget with a notebook in my hand. I went over there and asked questions and I wrote a piece. I was so nervous. But Garrison liked it."

"Then I suggested a piece on Summit Avenue and Garrison said 'Go ahead and do it.' So I wrote about that, and he helped me. He gave it the title ("The Upper End of Summit"), which I didn't like then

and I don't like now, but he went through every single sentence with me. That's editing!

"He was my teacher, my editor. My first editor. You couldn't have a better teaching editor. I couldn't imagine a better training ground. I feel really sorry that the "U" doesn't have that magazine anymore because I feel I learned a lot."

Keillor, reached later by telephone in his office at the KSJN studios in St. Paul, recalled the following about working with Hampl on *The Ivory Tower*:

"She was interested in writing all sorts of things. She did not consider herself a poet, or writer of fiction. She was just interested in writing, and writing everything she could — including non-fiction.

"She was a real writer at heart, by which I mean, for Patricia, the pleasure did not come with finishing something. The pleasure lay in the process of doing it. When she did finish something, she was able to be edited, you see . . . which was something we did together. We sat down and talked about a piece . . . and talked about it in tiny, picky, detail.

"You see . . . every sentence can be discussed — and every paragraph — as to what might be changed, what seems to pull its own weight, what sounds a false note. She was very curious about all that. It was not a case in which I was the authority and she was the pupil. It was simply that we were both interested in talking over a piece of writing."

Hampl became Keillor's assistant editor on the *Ivory Tower* and continued to write a variety of pieces until she graduated with a bachelor's degree in English literature in 1968. From the University she went to the Iowa Writer's Workshop where she earned a master of fine arts degree in 1970. From 1972 to 1975 she edited *Minnesota Monthly*, Minnesota Public Radio's monthly magazine. She has worked as a poet in the schools and is cur-

rently a visiting assistant professor at the University of Minnesota, where she teaches writing classes. (She will become a full-time assistant professor in the University's English Department in September.) During this time, she continued writing, prose, poetry, and fiction, including *A Romantic Education*, *Woman Before an Aquarium* (a book of poems), and "Look at a Teacup," a short story first published in *The New Yorker* and later included in the anthology *Best American Short Stories 1977*.

She has come a long way from her *Ivory Tower* days. Her work has received much critical acclaim. *A Romantic Education* brought her the Houghton Mifflin Literary Fellowship, an award previously given to such writers as Robert Penn Warren, Philip Roth, and Robert Stone.

Of her success thus far, Hampl said, "It feels good." She smiled, and settled deeper into her chair. "I've always wanted my work to be read. And you need some signs from the outside."

Those signs from the outside have helped Hampl through some of the rougher parts of her career. There have been times when she has lost confidence in herself as a writer.

"It hurts like crazy," she said. "It scares you. It's important to have a group of friends you admire and who admire you. People whose judgement you trust and who can help you."

Sometimes the help friends have provided has not been easy to swallow either, but it has been a process that Hampl said has helped her to grow as a writer.

"I once showed a short story I was working on to Garrison. I was hoping he would say, 'Here. Do this. Write this sentence different,' and help me fix it up. He just returned the story and said, 'The best thing you can do is forget about it. Write another story.'

"You have to learn to do that. Sometimes you have to just let

things go. It can be awful. You can't just say, 'Oh well, that novel I just wrote — I'll throw it away.'

HAMPL worked, on and off, for five years on *A Romantic Education*. In it she wrote of growing up in St. Paul; her adolescent and young-adult struggles to integrate her budding feminism with more traditional concepts of physical, structural, and artistic beauty; and her loss of naivete as she moved from the happy, black-and-white world of her childhood into the grays of the real world as she saw it in Czechoslovakia, the homeland of her grandmother.

"My heroine, concocted from a moony, inaccurate stereotype, was *The Woman Traveling Alone*," she wrote in *A Romantic Education*. She was describing a poem she wrote as an adolescent. ". . . she was a woman on a train who was going somewhere. . . . I was standoffish about reality itself and sent my heroine on her dim journey (her destination was unclear) as if onto the endless rails of fantasy, away from train rides that end in actual places, away from her own nonexistent biography, away from other people. . . ."

HAMPL said that when she was younger she wrote frantically. She wrote poetry then, instead of prose because it was easier, she said. Anything was fair game, from the reddest sunset to lilacs to her somewhat misconceived notion of a tormented lesbian.

It was with her coming of age intellectually, in college and the following years, that Hampl lost her innocence, and, a measure of her happiness. ("It's inevitable, don't you think?")

She lived for a time in a sort of commune on a farm. There a friend accused her of having "the beauty disease" for her attention to detail, her preference for having beauty around her, even if it were nothing more than a carefully arranged vase of flowers.

In her visits to Prague, Czecho-

slovakia, Hampl underwent a further loss of her innocence. As a child, she had become fascinated with the golden city of "Prahá," as her grandmother called it, through a leather-bound photo album containing pictures of Prague. She discovered women travelling alone on trains in Prague, and a golden city, but it was a sad city of people suffering from political, religious, and intellectual oppression. It was a city

jokingly, that she might never move from where she lives now.

From reading what Hampl has written and talking with her, there comes a sense of a woman who has struggled to integrate her growth and individuality with her past, and succeeded in doing so. She is unmarried and lives alone, but remains connected with her family and a large group of friends. Her apartment is neat, and carefully

Of her success thus far Hampl said, 'It feels good. I've always wanted my work to be read. And you need some signs from the outside.'

of people waiting: waiting 20 years for a flat of their own (Hampl met a young woman in Prague who shared a tiny apartment with her husband and her parents); waiting for a revolution, a new spring. It was a country where poets were thrown in jail for what they wrote and people worked the tourists to get their hands on consumer goods otherwise unavailable, because of prohibitive prices or scarcity.

Since completing *A Romantic Education*, Hampl has written another book of poems, *Resort*, which will be published by Houghton Mifflin in 1983, and has begun working on a novel that is set in St. Paul. Hampl is a woman with a strong sense of order and place, and St. Paul seems to be her place. Although she has lived in other parts of the country, for most of her life she has lived in the same part of St. Paul. Her childhood home is within walking distance of her current apartment. She likes living where she does — "The building will be 100 years old in a couple of years." — and she said, somewhat

ordered, except for the small alcove where she does her writing, which is crowded with books and papers. A metronome and a photograph of her mother sit atop the baby grand piano in the living room. An angular brass floor lamp with a stained glass shade stands behind it. On the mantle above the fireplace, there is a book on Walt Whitman. On two walls hang framed prints by Czech artists.

There is nothing about her coming to grips with her sexuality in *A Romantic Education*. ("It wasn't appropriate," she said. "That was about other things.") but in her poetry, such as "Mushrooms," she alludes to the conflicts of discovering her sexual self.

Mushrooms

*We hiked up the mountain that fall,
your father, you, and I.
Mushrooms were sprouting after
the warm rain
from the black, leafy ground;*

wet mushrooms, erect on their
flesh-stems.

Like a tongue with its wheel of in-
telligence
flicking through the dark,
through a pastel body, a pine
forest,
these newly lit flames struck out of
the dampness;
tongues of fire speaking with the
voices
of animals in the kingdom of wet
leaves.

I called to you,
but you had climbed ahead;
your father, with his destination,
was leading you forward.
I stopped there alone.
On my knees
I stroked what rose
like a shivering stalk
from the red, red leaves.

Reprinted from *Woman Before an Aquarium*
by Patricia Hampl by permission of the
University of Pittsburgh Press. © 1978 by
Patricia Hampl.

The novel she is working on will deal more with people and their sexuality than did *A Romantic Education*, Hampl said. That was more concerned with intellectual awakening.

"She is a very serious writer who has a very light touch," Keillor said of Hampl. "And I enjoy reading her stuff for that reason."

Writing is a precarious occupation. It has not yet brought fame and fortune to Hampl. In fact, it has not yet proved to be an adequate means of support in itself, although she feels that the community has been most generous in supporting her through grants, readings, and teaching positions. However, fame and fortune are not the ends she is seeking. It is the writing — "the soul of everything else."

Whether she goes the way of America's great writers and achieves lasting acclaim, or rises no higher than other good writers of her time, she will go on writing. She described her early writing as

breathless lyricism. There were lilacs and red sunsets and she had something to say about them. She felt herself a part of these things, and it was "the most satisfying, exultant message I had." Today, the world of which she is a part is not simple, but she is still a part of it. And she continues to write.

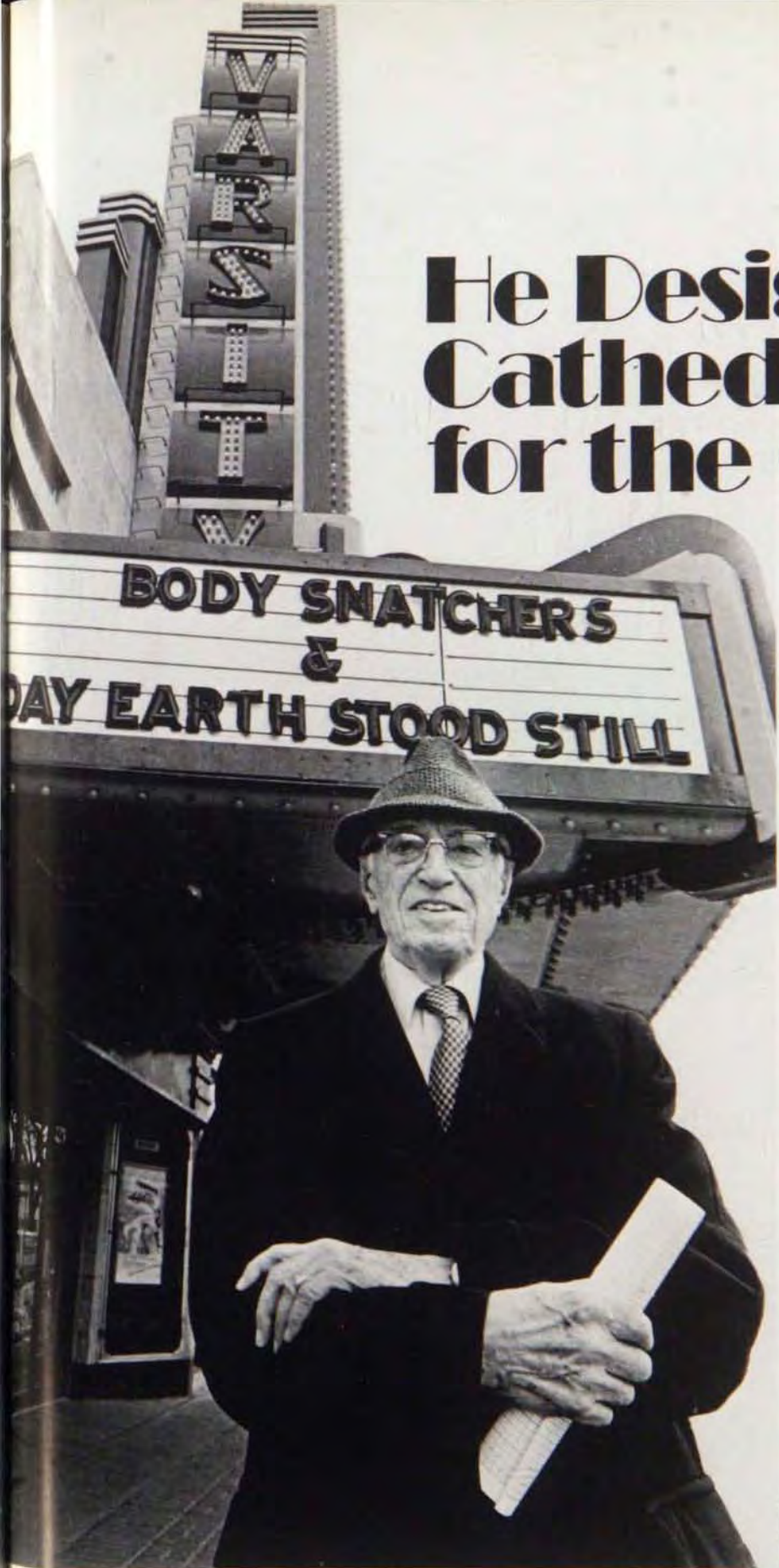
*"You were yelling from the English language,
that fringed island I swim toward at night.
'The pencil,' you were screaming in your language.
'Take the pencil from her mouth.
Write it down,
write your message down."* **M**

from *Mother-Daughter Dance*



Even with the success she has had, Hampl said there have been times when she has lost confidence in herself as a writer. "It hurts like crazy," she said. "It scares you. It's important to have a group of friends you admire and who admire you. People who can help you."

He Designed Cathedrals for the Cinema



by David Wood

It was 1929 and J. J. Liebenberg had just returned home after frantically helping the painters and plasterers put the final touches on the Century Theater in downtown Minneapolis. The phone rang. It was his brother-in-law calling to tell him that his wife, who was expecting a baby, had been taken to the hospital.

Liebenberg got there just as she was registering.

"And what does your husband do, Mrs. Liebenberg?" the nurse asked.

Looking up and seeing her husband covered from head to toe in plaster dust, she replied, "He's a plasterer."

Liebenberg, who almost missed the birth of his youngest daughter, was not a plasterer, but the architect who designed the Century.

He also designed the Granada, now called the Suburban World,

BOB LEVINE

J.J. Liebenberg was in the freshman (and first) class of architecture students in 1913. After receiving his degree in 1916, he went on to design more than 200 movie theaters, including the Varsity in Dinkytown.



NORTHWEST ARCHITECTURE ARCHIVES

The New Ulm Family Theatre was showing "Champagne for Breakfast," starring Mary Carlisle and Marty Albrecht, in 1935.

the Varsity, the Edina, the Uptown, the Grand, and more than 200 other movie theaters throughout Minnesota and the region.

And now the 88-year-old movie house architect of the 1930s, who said he was the first to enroll in architecture at the University of Minnesota in 1913, looks back with satisfaction on the more than 600 homes he designed, along with churches, synagogues, hospitals, and, especially, theaters.

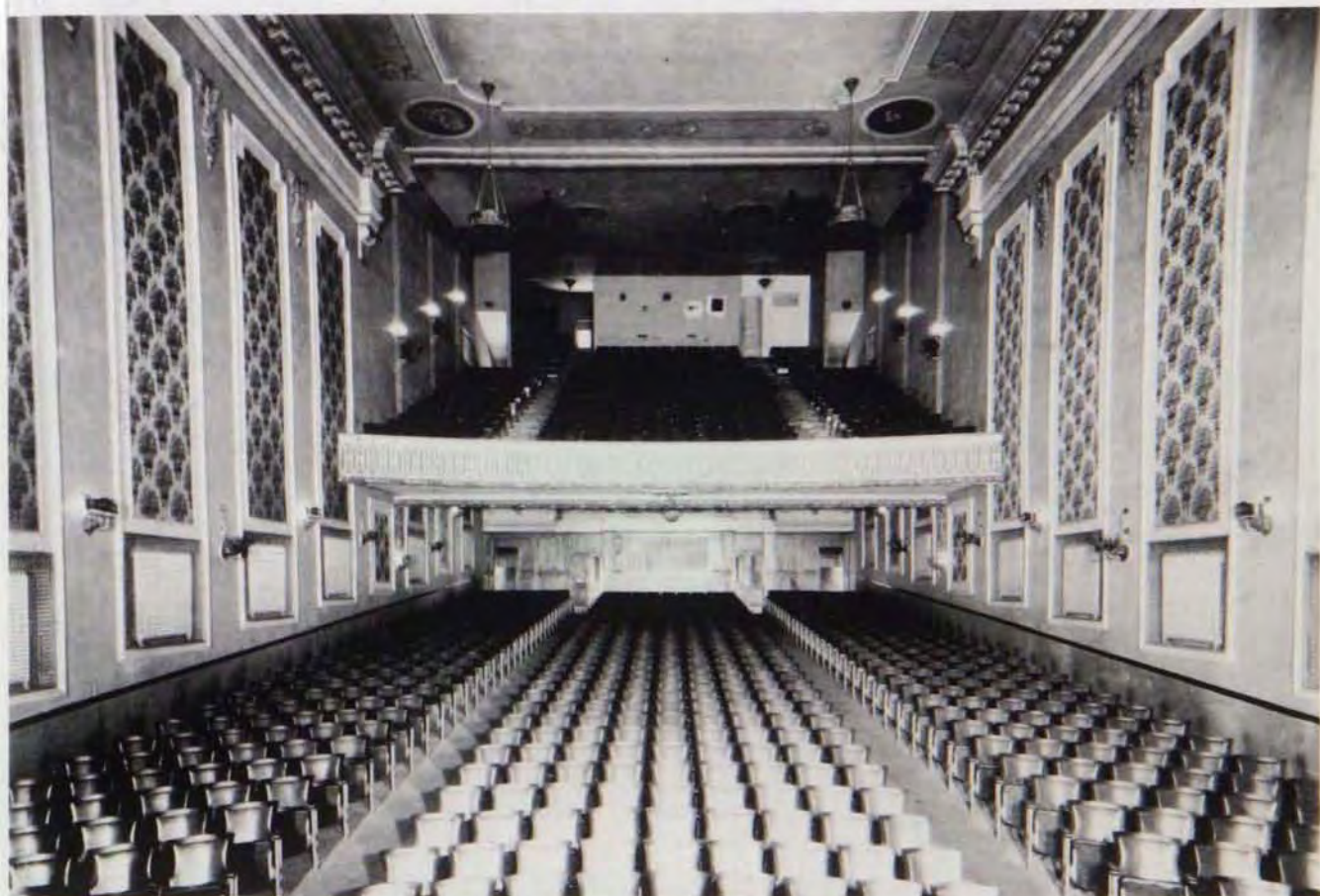
When the Great Depression

struck, the market for homes all but vanished and Liebenberg turned his creative energies to theaters. It was a fortuitous choice because during the 1930s the film industry was one of the few sectors of the economy that thrived. At a time when other firms were virtually out of business, Liebenberg & Kaplan had enough work to keep 12 to 14 people busy.

The project that launched Liebenberg's career as a theater architect was the Granada Theater — now Suburban World. In those

early days of "talkies," it was the first theater in Minneapolis designed for sound, and probably the first theater in this region that relied on terraced seating rather than a balcony to provide viewers with an unobstructed view of the screen.

The Granada's elaborate Moorish architecture was intended to capture the romance of film star Rudolph Valentino, and its interior was meant to create the illusion that moviegoers were seeing a movie while seated beneath the nighttime



NORTHWEST ARCHITECTURE ARCHIVES

This is the interior of the Grand Theater in Mankato, Minn. The photo was taken in 1928.

sky. Due to the wonders of modern technology, stars twinkled and clouds drifted overhead, the moon rose and moved slowly across the sky as the movie progressed, and the sun rose at the end of the movie. The film shown on the screen was only part of the whole show at the Granada.

Soon Liebenberg was deluged in theater projects.

Liebenberg's firm's experience in dealing with the acoustical problems of theaters equipped it to de-

sign many churches and synagogues in Minneapolis and elsewhere and was a help after World War II when they designed the WCCO studio and the KSTP building. The firm also drew the plans for North Memorial and Mount Sinai hospitals and was one of the three firms that designed Hennepin County General Hospital.

Theater owners recognized the high quality of Liebenberg's designs from the start, and architects recognized his leadership by electing him

national president of the Society of American Registered Architects in 1972. Public recognition has come only in the last few years, though. Liebenberg and his firm were "probably largely unknown until the *Guide to the Architecture of Minnesota* was published [in 1977], because people didn't know who did those wonderful Art Deco theaters," explained Alan Lathrop, curator of the University's Northwest Architectural Archives. "It's only in the last few years that he's emerged



Jack and Raleigh Liebenberg have been married for more than 60 years. She once painted a picture of what she wanted the house to look like and Jack drew the plans.

from obscurity and he and his firm have earned some recognition," said Lathrop.

Born in Milwaukee on July 4,

1893, an interest in art was early added to his lifestream by a grandfather who had been a bookbinder and illustrator in his native Germany before coming to this country. Young Liebenberg's interest in

architecture also began early when he began drawing plans for minor renovations of some of his grandfather's "considerable Milwaukee real estate." A high school mechanical drawing class was the only for-

mal training young Liebenberg had at the time.

A job supervising installation of prefabricated doors in the new Leamington Hotel brought him to Minneapolis soon after graduation from high school. There, a newspaper article announcing the opening of a School of Architecture at the University of Minnesota caught his eye and he was the first to enroll.

Only six of the 26 members of that first class graduated in architecture. According to Liebenberg, the rest were "lured" into dentistry by the popular Dean Owre, who was an avid "trotter." ("Today you would call him a jogger," explained Liebenberg.)

As Liebenberg talked, he sat with his hands folded comfortably in his lap, surrounded on three sides by floor-to-ceiling windows overlooking the Edina country landscape. When he told a story, his hands joined his relaxed but animated voice in recreating the scene.

He wore a tie, sport shirt, navy cardigan, and casual slacks — comfortable, practical clothes. He is of average height and near his ideal weight. His posture is erect but relaxed. Although balding, he has more than a fringe of neatly cut gray hair. His face is remarkably unlined for one who smiles and laughs so easily and often.

During Liebenberg's student days, his creative abilities, both as an artist and as a leader, were already evident. As featured artist for the *Gopher* yearbook, he contributed pen-and-ink drawings representing each college within the University. As a leader, he was an organizer of an architecture fraternity and a founder and first president of the University Architecture Society.

Even then, he apparently had a reputation for diligence. The class poet wrote of him in the *Gopher*:

*Ambition is his keynote,
Nothing will he shirk;*

Persevering ever,

Jake, he does the work.

It is an assessment his wife, Raleigh, confirmed. Her brother, Seeman Kaplan, was Liebenberg's student and later his architecture partner. Wanting to get on the good side of his teacher, he arranged a date between Liebenberg and his sister. She was busy helping a friend elope at the time and wasn't very enthusiastic about the idea. "I was sure that he wouldn't be anyone that I would want to meet because he was so studious," she explained. Nowadays, on the end table in the Liebenbergs' living room, however, there is a photo album from their 60th wedding anniversary celebration two years ago — a tribute to Seeman Kaplan's matchmaking skills and to the Liebenbergs' evident commitment to each other.

After graduating from the University in 1916, Liebenberg earned a master's degree at Harvard, worked in France, and served a brief apprenticeship in Milwaukee. Then he taught architecture at the University for about a year.

When the United States entered World War I, Liebenberg's engineering skills made him a prime candidate to work on "aeroplanes" — as they were then called. After a short training course in Texas, where he designed "the first U.S. Air Force latrine," he returned to Minneapolis where he trained airplane mechanics. Most of his students were farm boys from Arkansas who hardly had ever seen a car, much less an "aeroplane."

In 1919 the war ended and Liebenberg and his brother-in-law formed their firm, which was to become the oldest Minneapolis architecture firm operated by the same individual. During the period before the Great Depression, they designed mainly houses.

The house that has given Liebenberg the greatest pleasure was not built until much later — 1949 and

1950. That house was special because it was designed for special clients — his wife, Raleigh, and himself.

The floor plan is shaped like a T-square — one of the main tools of an architect, and the house's two patios are triangles — strong shapes Liebenberg has a fondness for. It is a thoroughly modern house where comfort, convenience, and a feeling of openness are the keynotes.

On the walls of the office, which Raleigh fixed for Jack when he retired in 1980, are framed certificates from the 16 states in which he is licensed to practice architecture and a "Grand Old Man" award from the American Institute of Architects. The most striking object in the room is a bust of Liebenberg done by his wife.

Although Liebenberg retired two years ago, he continues to exercise his considerable talents in the realms of art, architecture, and organization.

Old clients call with questions about their buildings, and architects write to him from around the country. Someone from Temple Israel asked him to create a cover design for their list of members. He and Raleigh participate in weekly art classes and work on the Liebenberg Interfaith Fund, a project aimed at promoting understanding among people of all religions.

More recognition is in store for Liebenberg. Sixty-five of his theaters are currently being featured in a University Gallery exhibit titled, "Marquee on Main Street: Jack Liebenberg's Movie Theaters, 1928-1941." The show will continue until April 24 and was organized by University art historian Herbert Scherer. Many of Liebenberg's theaters also will be included in Scherer's upcoming book, *Streamlined Dreams: Movie Theaters and American Life in the 1930s*. ■

David Wood is a Minneapolis freelance writer.

The Second Greatest Show on Earth

Campus Carni may not rival the Ringling Brothers who controlled Barnum and Bailey's "Greatest Show on Earth," but it has become the nation's largest student-run fund-raiser.

Thousands of persons cram their way into Williams Arena where they watch the ballyhoo dancers move to the accompani-

ment of ear-shattering sounds and eat tons of junk food.

More than \$300,000 — and that's profit — has been given to charity.

Carni's history is traced to 1913 when the All-University Circus was held. That effort stopped in the early 1920s; started again in 1942; but was

dropped during World War II because of the small enrollment and the expense.

A carnival was held in 1947 (it was supposed to be outdoors but because of bad weather it was forced to move inside) but not in 1948.

The first Carni was May 6, 1949, and it's been called that

(Below) Campus Carni's origin dates back to the turn of the century when the All University Circus was popular. This photo was taken in 1913. (Right) In 1952 Comstock Hall featured Darlene Ludtke as "Top Banana" from a Broadway musical. Dancers are, from left, Clementine Fox and Nancy Kendall.







(Left) The chorus girls in this 1935 Campus Carni are from Alpha Epsilon Phi and the band is from Phi Sigma Kappa. (Below) Campus Carni in 1980 included this train station theme by Alpha Phi and Sigma Alpha Epsilon. Other themes featured toyland, the Rocky Horror Picture Show, Arabian nights, and a Polynesian set.



every year since (except for 1972 when it became the University Fair and bombed).

At the 1949 Carni they gave away a Ford convertible, a pair of Bass "Weejuns," grease jobs, meal tickets, cases of peaches, and glass wax.

The place was decorated with red, yellow, blue and green crepe paper streamers.

"Barkers walked the grounds shouting their advertisements above the clamor of the crowd," the *Minnesota Daily* reported. "Girls in abbreviated pink skirts sold cigarettes and candy from the trays hanging about their necks."

Admission was 25 cents.

Pioneer Hall was the top money maker with a bingo concession that grossed \$163.70.

More than 6,500 persons attended.

But more importantly nearly \$4,000 was raised for charity and a tradition was born.

In 1966 the Alpha Tau Omega's built a 40-foot ferris wheel while others played a game called "Take Your Draft Board to Court."

In 1977 the Sigma Alpha Epsilons wore baseball caps with "N-M," which were donated by Neiman-Marcus, a Texas department store.

In 1975 Paul Schroeder swallowed 12 pounds of gelatin dessert.

In 1974 Gov. Wendell Anderson proclaimed "Campus Carnival" week.

And in 1980 Brett Shockley of Phi Delta Theta tried to set a world's record for riding the smallest bike, riding the world's smallest unicycle, and breaking the 10-hour record for sitting on a bike.

Although they don't give away convertibles or trips to Bermuda any more, the money raised this year will be given to the Children's Heart Fund.

More than 3,000 students are getting ready for this year's event — the 34th — April 22, 23, and 24 in Williams Arena.

As the *Daily* put it in 1949: "Something new is about to hit the campus —"

And it has been a hit ever since. **M**



ST. PAUL PIONEER PRESS

When the Gophers won the Big Ten title by defeating Ohio State (87-75), co-captain Trent Tucker cut the net. In the NCAA Midwest Regional, the Gophers beat Tennessee-Chattanooga (62-61) but were defeated by Louisville (67-61) at Birmingham-Jefferson Coliseum.

Big Ten Champions

Minnesota's Golden Gophers, for the first time since 1972, won the Big Ten Conference basketball championship.

The title was the seventh (outright or shared) that the Gophers have won in the school's history. Other title-years for Minnesota basketball teams were in 1906, 1907, 1911, 1917, 1919, 1937, and 1972.

The Gophers earned the right to advance into this year's NCAA showdown by winning the 1982 Big Ten Conference championship when they squeaked by Michigan State 54-51 and then overwhelmed Ohio State 87-75.

While Gary Holmes was the clutch performer against Michigan State (his two free throws in the final moments provided the winning insurance), it was Randy Breuer (See "They're Not BOOing, They're BREUing," March 1982) who drew top accolades against the Buckeyes

for his 32-point, 12-rebound effort.

Randy had the greatest game of his Gopher career," Dutcher pointed out. "He was absolutely perfect in the first half (six for six from the floor and six for six from the foul line), and while his scoring and rebounding figures were impressive, his ability to get the ball out of the middle to start the fast break was just as important to us."

While praising his Gopher players . . . including seniors Holmes, Trent Tucker, Darryl Mitchell, John Wiley, and Andy Thompson . . . Dutcher also had a pat-on-the-back for his staff.

Minnesota's seventh-year coach has piloted his Gophers to seasons of 20 or more wins three times.

Gymnasts Win Big Ten Title

Fred Roethlisberger's University of Minnesota men's gymnastics team won its sixth Big Ten title in seven years in Wisconsin. The Gophers scored 274.95 points to edge second place Illinois and Iowa who tied with 274.

Senior Brian Meeker, Edina, Minn., the defending all-around champion, turned in performances of 9.75 in the horizontal bar and 9.65 in the vault, parallel bars, and floor exercise.

Sophomore Joe Ray, Maine, Ill., the all-around runner-up in 1981, and freshman Tim Koopman, Bloomington, Minn., also were solid Gopher contributors.

The Gophers, 4-3 and 4-1 in the Big Ten, appear to have qualified as a team for the NCAA Championships in April at Nebraska.

MINNESOTA ALUMNI ASSOCIATION

New Student Board Selected

Twenty-one newly selected University of Minnesota students now make up the 1982-1983 Alumni Association Student Board.

They are:

Brent Bauer of Hibbing, Minn., physiology and English; Linda Cooper of New Hope, Minn., business and English; Jayne Cunningham of Sioux Falls, S.D., architecture; David Dahlgren of Minneapolis, urban studies; Sara Docksey of Willmar, Minn., speech, business, psychology and history;

Deedee Dohrman of Minnetonka, Minn., agricultural economics; Mary (Muffy) Hayden of Whitefish Bay, Wis., business; Bill Hirt of Mequon, Wis., geography and archeology; Carla Hoedeman of Edina, Minn., public relations; Amy Krieg of Fargo, N.D., landscape architecture;

Diane Kuberski of Shoreview, Minn., civil engineering; Chris Lindgren of Minneapolis, history; Randi Livon of Minneapolis, housing; Scott Madson of Sioux Falls, S.D., business; Kurt Melander of St. Paul, architecture;

Diane Nelson of Braham, Minn., Spanish and journalism; Tom Nides of Duluth, political science; Nan Richards of Minnesota City, Minn., journalism; Scott Scovel of Golden Valley, Minn., pre-law; Margaret Smith of Mequon, Wis., speech and economics; and Ellyn Waller of St. Louis Park, Minn., accounting and finance.

The students will continue to work on future programs involving an all-student day; developing the career student network; and looking at legislative relations. Linda Hartley, director of the student program, said.

Students retiring from the board include: John Barber, Doug Basile, Shelley Breyen, Racquel Briskin, Bill Bryne, Connie Feist, Steve Fisher.

Barb Frey, Diane Gellersted, Mitch Goldstein, Tim Hawley,

Myron Orfield, Debbie Pause, Bruce Thorpe, Martha Willson, and Mark Workman.

New Alumni Staff

Mary K. Hicks and Pamela R. Burkley are the newest members of the Minnesota Alumni Association staff.

Hicks was director of student activities at the University of Minnesota at Morris. She is director of the membership program and is responsible for several constituent societies. Hicks is a 1974 graduate of Simpson College and attended graduate school at St. Cloud State.

Burkley received a degree in political science from the University in 1979 and was former freshman orientation leader at the University.

She is the assistant director of constituent societies and was formerly an admission counselor at Macalester College.

Tip of the Month

Minnesota Alumni Association members are eligible to use the 18-hole University of Minnesota Golf Course at Larpenteur Avenue West and Fulham, St. Paul.

Weekday reservations may be made five days in advance. Reservations need not be for foursome play but the club reserves the right to add people to your party when less than a foursome.

Weekend reservations must be for foursome play and can be made starting on the preceding Wednesday.

Reservations should be made by calling (612) 373-1645. You must



The MAA Student Board dished out more than 10,000 donuts and 110 gallons of hot chocolate to University students on February 17. The free goodies were a part of Commuter's Day, a special event sponsored by the student board to give recognition to the thousands of students who have to contend with traffic jams and parking problems in addition to the daily grind of term papers and final exams.

have your MAA membership number available when making your reservation. Please remember that University students and faculty have the first opportunity to reserve playing times.

"We are especially happy to announce that for the first time ever, MAA members may now become season members in the U of M golf club," said Mary Hicks, membership director. Membership is \$275 and may be purchased directly at the club. "If you play more than 35 times a season, a season pass is a great money saver."

1982 Alumni Association Golf

Rates:

18-Hole Course Rates	\$ 8.00
9 Hole Course Rates	3.85
Pull Cart Rental	1.25
Club Rental	2.50
Daily Locker Rental	2.00
Season Locker Rental	20.00
Season Membership	\$275.00

Reunions Upcoming

June 7 the classes of 1932, 1942, and 1957 will hold class reunions at Coffman Memorial Union. They will hold separate dinners in the evening at Coffman.

The Emeriti alumni reunion will be May 22 at the Town and Country Club, 2279 Marshall Ave., St. Paul.

Call the Alumni Center (612) 373-2466 for additional information.

'The Minnesota Experience'

Theme for the Minnesota Alumni Association's annual meeting is "Experiencing the Minnesota Environment."

The event will be June 3 at the

Minnesota Alumni Club, 50th floor, IDS Tower.

The dinner will begin at 6 p.m. and will include a presentation on the Minnesota environment, award announcements, and MAA business.

All current members are invited.

200 Seats Waiting

Two-hundred seats have been reserved for Minnesota Alumni Association members for the May 4 performance of the Joffrey Ballet, New York City, at Northrop Auditorium.

A post-performance reception will follow for members and their guests. Those invited will be able to meet and talk with the dancers after the performance.



MAA members and their guests may meet with dancers from the Joffrey Ballet following the May 4 performance at Northrop Auditorium. The association has reserved 200 seats.

COLLEGES AND SCHOOLS by Steve Baker

INSTITUTE OF TECHNOLOGY

Japanese Researchers Hold Visiting Professorships

Two Japanese educators at the top of their fields in computer vision and robotics share the first Visiting Control Data Corporation Professorship of Computer Science.

Beginning spring quarter, Osaka University's Sabura Tsuji, professor of control engineering, and Masahiko Yachida, research fellow in control engineering, are jointly teaching a computer science graduate level course in robotics and advanced automation. They also are offering a seminar for graduate students and giving two public lectures.

A \$300,000 Control Data grant endows this visiting professorship. Each year the professorship will bring experts from a variety of fields to interact with and pass on information to the computer science department's graduate students and faculty.

Tsuji is noted for his work on texture, line-drawing analyses, and vision applications. While at the Electrotechnical Laboratory of Japan's Ministry of International Trade and Industry, Tsuji developed a hand-eye system using visual feedback, was the first to use color for robot vision, and helped develop a range finder that employs a method today considered the standard technique for range measurement.

Since 1971 Tsuji has been at Osaka University teaching and conducting research on artificial intelligence. There he and a student devised a method for segmenting a scene with textures that is now a

widely-used technique in image segmentation.

Yachida was involved in the intelligent automation project at ETL from 1969 to 1970. In 1971 he joined a research group at Osaka University, where he works on robotics, computer vision, and image processing. From 1973 to 1974 he was a visiting research associate at the Coordinated Science Laboratory of the University of Illinois.

Grant Supports Science Teaching Careers

Private industry continues to offer high salaries to scientists and engineers, luring them from teaching. One foundation, however, is making efforts to balance the salary pull.

The Atlantic Richfield Foundation has given \$125,000 to the University to support selected graduate students and junior faculty members in geology and geophysics.

The grant is intended to encourage interest in teaching careers in science and engineering by providing support for those preparing for such careers.

This four-year grant program includes \$5 million in fellowships for 30 universities across the country.

VETERINARY MEDICINE

Grads Practice on the Reservation

Two 1980 College of Veterinary Medicine graduates are

the only practicing veterinarians on one of the largest American Indian reservations in the country.

Kenneth Lyon and Reid Loken practice in Arizona on a Navaho reservation that is about one-third the size of Minnesota. They teach at the Navaho Indian Community College in Tsaile, Ariz., and work at the Animal Health and Science Center on the reservation.

Lyon, who grew up on the reservation, has worked with Loken on its veterinary medicine, surgery and herd health program.

PHARMACY

College Receives Grads' Winnings

Two College of Pharmacy graduates have won cash awards that will be used by future pharmacy students.

Jon E. Marcaccini of the Virginia Medical Center, Virginia, Minn., and Margaret A. Nelson of St. Mary's Hospital Pharmacy, Minneapolis, won \$750 awards in the Burroughs Wellcome Pharmacy Program.

The award money has been presented to the college in the graduates' names to establish a revolving loan fund for selected pharmacy students.

Marcaccini graduated from the college in 1978; Nelson in 1945. Both are being honored for outstanding contributions to pharmacy.

The awards were part of the \$117,000 Pharmacy Education Program sponsored by Burroughs Wellcome Co., one of the nation's largest pharmaceutical manufacturers.

BIOLOGICAL SCIENCES

Algae-killing Chemical May Clean Lakes

Researchers at the Gray Freshwater Biological Institute have discovered a chemical produced by a species of algae that kills other algae.

The findings may lead to new methods for ridding lakes of overabundant algae that pose a threat to aquatic life and can ruin recreation activities.

Researchers have shown that freshwater blue-green algae *Scytonema hofmanni* produces a chemical that kills other green and blue-green algae.

Florence Gleason, project director, said that the compound has been isolated, but that finding a way to produce it in large amounts economically may take three or four years. She also noted that the chemical's effectiveness has been tested only in the laboratory, not in lakes, which may mean an additional two or three years of testing.

An article on the project appeared in the January 22, 1982 issue of *Science* magazine.

JOURNALISM

Battling Heart Disease with Media Messages

Hear attacks and strokes are the major killers of Americans between the ages of 24 and 65. They have become so widespread that many people have come

to accept them as inevitable parts of growing older.

It doesn't have to be that way, say officials of the Minnesota Heart Health Program. They have set out to show that community education programs can reduce risks of heart and blood vessel diseases.

MHHP is directed through the School of Public Health's Laboratory of Physiological Hygiene in coordination with various schools across the University, including Journalism and Mass Communication. MHHP is unique in its strategy and scope as a collaborative effort within the University and between the University and larger communities, said Henry Blackburn, internationally-involved heart researcher and the program's director.

Offices on the fourth floor of Murphy Hall serve as a coordinating site for mass communication and public relations aspects of MHHP. Professor F. Gerald Kline, director of the School of Journalism, is the program's director of communications.

MHHP is funded through 1984 with \$12 million from the National Institutes of Health. Demonstration projects are aimed at three Minnesota cities to promote and measure effects of community prevention efforts on incidents of heart attack and stroke.

The Mankato Heart Health Program is the first demonstration project. Mass media promotions, coordinated with community activities such as adult classes, fitness campaigns, and anti-smoking events, are an ongoing part of this project.

The second project is scheduled to begin in Fargo-Moorhead in the fall of 1982. The third project will begin next year in a Twin Cities suburb.

MHHP is based on scientific evidence that cultural and environmental influences — "the ways we

live" — are central to the high risk factors for heart attack and stroke among Americans. These risk factors are often associated with high measures of blood pressure, blood-cholesterol levels, and cigarette smoking.

The program, which began July 1, 1980, was developed from studies demonstrating large differences in risk of heart attacks among populations around the world. The Japanese, for example, have 10 times fewer heart attacks than Americans.

NURSING

Duxbury Wins Johnson Foundation Grant

Mitzi Duxbury, professor of nursing, is one of three University faculty members to receive a research grant from the Robert Wood Johnson Foundation.

She will use the \$150,000 grant to study how reducing sleep disruption in high-risk infants affects growth. Her preliminary research has shown that babies with serious illnesses have critical needs for undisturbed sleep. Disrupted sleep for these babies may actually slow their growth, said Duxbury.

The Johnson Foundation, a national philanthropic organization concerned with health care, awarded three of its 21 grants this year to University of Minnesota faculty members.

The other two grants were awarded to two members of the Medical School.

G. Scott Giebink, associate professor of pediatrics, will evaluate medical treatment in chronic cases of ear inflammation in children.

Daniel Kohen, instructor in pediatrics, will study ways to reduce the frequency and severity of children's asthma attacks.

MEDICAL TECHNOLOGY

Anderson Builds on Experience

After 46 years of professional experience in medical technology, Fran Anderson is still working and still learning, she says.

Anderson, a 1936 graduate of the School of Medical Technology, retired February 1 from full-time employment as coordinator of lab services at Fairview Hospital, Minneapolis. But she still works there part-time.

"I like to maintain close contact with young people," said Anderson. "And the Fairview program works toward that end by rotating University students through the hospital and hospital staff through the academic world.

"I was largely trained as an apprentice in 1936, so I like to stay in touch with changes in the field by taking adult classes," she said. "Back then we had a broad training, though, that covered many areas which now are separate disciplines within the health-care field."

Anderson has worked at Fairview since 1946, initially as an administrative technologist. She also worked at Eitel Hospital, Minneapolis, and at the University Hospital shortly after graduation.

Anderson has been active in both her professional society and the alumni society. She served as past president for the state branch of the American Society for Medical Technologists.

COLLEGE OF LIBERAL ARTS



"Dayton Fan," from the Northwestern Communications Center in Minneapolis, 1979.



"Stairforms," from Holmes Park Apartments in Minneapolis, 1979.

Studio Arts Professor Focuses On Unfinished Work

These and many other photographs by studio arts professor Gary Hallman were shown at Perihelion Galleries in Lincoln Center for the Arts in Milwaukee last winter. For several years he has been concerned with formal elements as they are presented within the frame. Concentrating on shapes, color and light, Hallman has attempted to capture what he calls "the finished dimension of unfinished work." These photos, also shown in March at Film in the Cities in St. Paul, are from an ongoing work called "New Construction." Hallman has received a Bush Fellowship and other grants for previous projects. His photos are included in collections at the Minneapolis Institute of Arts and the Museum of Modern Art.

AGRICULTURE

Pearsall's Book Wins Award

Professor Tom Pearsall's latest book on technical and scientific communication has been given a national award.

How to Write for the World of Work has been judged the best book on technical writing for two-year college students by the National Council of Teachers of English Award Program.

Pearsall, head of the department of rhetoric in the College of Agriculture, said he is pleased to be a part of the "information revolution."

"The technical writing field is becoming a lively one," Pearsall said. "This latest book pays an enormous amount of attention to the writing process, including the development of office correspondence, analytical reports, and proposals."

Donald Cunningham, professor at Morehead State University in Kentucky, is coauthor of *How to Write*.

Pearsall's first book, *Reporting Technical Information*, was published in 1968. He was one of the first authors to address the process of technical writing.

"The number of books on the subject increased from about 30,000



Thomas E. Pearsall

in 1968 to about 300,000 in 1980," said Pearsall.

Kenneth Houpp, professor at Pennsylvania State University, is coauthor of *Reporting Technical Information*.

Pearsall was elected a fellow in the Society for Technical Communication in February.

DENTISTRY

Saying Cheese to Fewer Cavities

The good news is that three types of cheese may help prevent cavities. The bad news is that most foods we eat don't.

Aged Cheddar, Swiss and Monterey Jack interfere with the way sugar can trigger the formation of decay-causing acid on teeth, according to Professor Charles Schachtele of the School of Dentistry. But many other foods, including white bread, apples and cooked carrots, contain more than enough sugar or other carbohydrates to cause cavities.

Schachtele, a microbiologist, and Mark Jensen, a dentist and postdoctoral fellow at the school, have demonstrated that a wide range of foods have potential to cause cavities.

"The chemical composition of a food substance is not the only factor determining its cariogenic potential," said Schachtele. "Actually, it is much more complicated than that because the form of the food, how it is processed, and how people eat it make a difference."

The researchers have used a sophisticated biotelemetric technology to test the effect of various foods on human teeth. Using tiny sensors implanted between volunteers' teeth, Schachtele and Jensen have measured acid levels on the teeth immediately after food is chewed

and the teeth are flushed with sugar water.

No significant increase in acid level was recorded when aged Cheddar, Swiss or Monterey Jack cheese was eaten. Nor have a few other foods, such as peanuts and fish, shown high acid levels.

Nevertheless, after testing several hundred foods, the researchers have found that most show high acid levels.

"Our goal is to make better food products," said Schachtele, "not to damn some or say that one class of food is better than another."

This research might open doors to a whole line of foods that don't cause tooth decay, said Schachtele. During next year he hopes to isolate the substance in the three cheeses that is responsible for the anti-cavity effect.

Grants from General Mills, Inc., the National Dairy Council, and the American Dental Association have funded much of the research.

MANAGEMENT

An MBA for the Experienced

Sixteen working business managers, averaging 18 years of experience a person, have started progress toward a masters of business administration degree at the School of Management.

They are the first class of the "Managers' MBA Program," which includes executives from finance, human services, manufacturing, and marketing fields. It is intended for managers with at least 10 years of experience who wish to increase their effectiveness and prepare for greater responsibilities.

Participants in the two-year program combine work toward the MBA degree with continuous job

performance. Through weekly, small group meetings and full-class sessions every Friday from 8 a.m. to 5 p.m., they integrate experience and classwork.

The School of Management has dramatically expanded its "Educational interface" with the community, according to Dean David Lilly, especially through the evening MBA program and the Executive Development Center's offerings.

"The Managers' MBA is another program designed to help make high quality professional education available at different stages in people's managerial careers," said Lilly.

The program focuses on acquisition of general management skills. Methods, concepts, and applications to functional areas of business are emphasized in the first year. Problem formulation, decision-making, and implementation in areas such as corporate strategy, finance, marketing, and operations are covered in the second year.

Program faculty members typically capitalize on the working experience of participants by citing examples that are relevant to their business objectives and strategies.

The Managers' MBA Program was introduced in fall of 1981 after the School's market research indicated a need for such a program among Minnesota-based managers and their organizations.

HOME ECONOMICS

Grads Promote Soybeans

Five graduates of the College of Home Economics have been selected to promote the use of soybean oil and soybean products

across the state. They are: Peggy Ludeman, Tracy, Minn.; Kris Eckstein, Sleepy Eye, Minn.; Bobbette Kern, Dodge Center, Minn.; Joan Nagel, Winnebago, Minn.; and Shirley Pietz, Lakefield, Minn.

These women will join the American Soybean Association's Spokesperson Program, which began last year in Illinois and Missouri, and will expand this year to Minnesota, Iowa, Indiana, and Arkansas.

Recently the women attended a three-day training session in St. Louis at the ASA world headquarters. There they participated in workshops on the physical aspects of soybean oil and on media communication techniques.

The program will send the women to schools and organizations across the state in an attempt to encourage interest in soybean use.

GENERAL COLLEGE

GC Plans for 50th Anniversary

General College will celebrate its 50th anniversary in 1983 with a variety of activities planned.

"We are looking forward to a dinner banquet and several types of public presentations — some of which will involve former students and faculty," said Bruce Hixson, assistant to the dean.

Officials are looking for ideas from graduates before planning gets to the final stages. Graduates "should also feel strongly encouraged" to send their names and addresses to the college to receive periodic announcements of anniversary events, Hixson said.

Mail ideas or inquiries to: General College, 106 Nicholson Hall, University of Minnesota, Minneapolis, Minn. 55455.

INDUSTRIAL RELATIONS

Playing with Fire in St. Paul

'We managed to diffuse a dangerous situation, a hot political issue that can be extremely frustrating and complex."

The issue: an affirmative action program for city employees of St. Paul.

The speaker: Mario Bognanno, professor of Industrial Relations and chairman of a task force to recommend a policy for the city's program.

"This was a significant example of the University's involvement with the community," said Bognanno. "And many creative and positive things came out of a highly politicized environment in which opposite traditions are deeply rooted."

Bognanno worked with co-chairman Ross Azevedo, assistant professor of Industrial Relations, to organize a system of analysis for the task force. What Bognanno calls a "conservative, compromise plan" developed from a process aimed at being fair, workable, and widely supported.

The task force focused not only on selection standards to enhance employment opportunities for women, ethnic minorities and the handicapped, but also on goal-setting, testing, and training procedures for them.

"We took a broad look at affirmative action policy," said Bognanno. He suggested that maintaining the quality of the city's workforce while ensuring equal employment opportunities was a central goal of the task force.

Bognanno, an expert in conflict-resolution through negotiation, guided a task-force committee over two months of debate last fall. The committee, made up of representa-

tives of the city, unions and human rights organizations, issued a 17-point recommendation on Dec. 10, 1981.

The task force unanimously agreed on 16 points. Details of the employee selection process, point 17, were recommended on a majority vote.

"We came to understand the complexity of the problem," said Bognanno. "And we forged a solution without resorting to devices such as quotas. In the end, I believe our recommendations will advance the cause of affirmative action."

Recent issues concerning layoffs

of St. Paul employees due to tight economic conditions have put affirmative action on the back burner, said Bognanno. He said he believes it will become a "hot issue" again during city elections this spring.



MINNESOTA DAILY

Dr. Lee W. Wattenberg

MEDICAL SCHOOL

Cancer Society Gives \$1 Million Grant

Medical School research on mice and rats has shown that certain foods may contain natural cancer-inhibiting agents. These findings earned the University a \$1 million dollar grant from the American Cancer Society — the largest grant the society has ever awarded

the University — to continue the studies.

"The intriguing part of our research is that the cancer-fighting chemicals appear in a substantial number of different types of foods," said Lee Wattenberg, head of the project. "Perhaps within a decade these foods could have a major impact on human dietary considerations."

University research during the last 15 years has shown that chemicals found in foods such as brussel sprouts, cauliflower, cabbage, broccoli, and green coffee beans — taken in large doses — will inhibit

cancer growth in animals exposed to carcinogens.

More information is required, however, before researchers can be sure that chemicals in these foods fight cancer, Wattenberg, professor in the department of laboratory medicine and pathology, said.

The grant funds a five-year project in which a large sample of animals will be fed the chemicals in small doses over a long period of time. Researchers hope this process will help determine if normal diet alterations in humans can prevent cancer.

CALENDAR

compiled by Sandy Stai

Alumni Chapters

WOMEN'S CLUB DETROIT

The annual Couples Picnic will be held June 26 at the home of John and Mary Strang, 7395 Bingham Road, Birmingham, Mich. Eligible newcomers to the Women's Club are welcome. For information, call Mary Strang, (313) 647-1781. Membership in the Women's Club is open to any woman graduate or former student of the University of Minnesota and to wives, mothers, sisters, and daughters of former students. For membership information, call Mrs. Arthur Burgott, (313) 642-2878.

Constituent Alumni Societies

MEDICINE

The Medical School commencement program will be held at 2:30 p.m. on June 4 in Northrop Memorial Auditorium.

A reception for all Medical School Alumni will be held June 4 at the Minnesota Alumni Club on the 50th floor of the IDS Tower. Reunions for the classes of '42, '47, '52, '57, '62, '67, and '72 will also be held June 4-5.

A seminar — New Horizons in Minnesota Medicine — will be held from 9 a.m. to 4 p.m. on June 5 in Health Sciences Unit A. Credits will be awarded for participation in the seminar.

The annual meeting will be held at noon on June 5 at the Spectrum Cafeteria in Health Sciences Unit A.

EDUCATION

The annual meeting will be held May 6 at the Minnesota

Alumni Club on the 50th floor of the IDS Tower.

GENERAL COLLEGE

The annual meeting will be held May 14 in the St. Paul Student Center.

THE GOLD CLUB

An alumni reception will be held May 12 at the Minnesota Alumni Club on the 50th floor of the IDS Tower.

CLA-UC

The annual meeting will be held from 9:30 a.m. to noon on April 24 in Rarig Center. Three eight-minute segments of the television show "Matrix" will be shown. Each segment will be commented on by faculty members. Recipients of the 1982 Distinguished Teachers Award will be announced. Price for the morning program is \$7.50 and includes lunch. Make reservations by calling the Minnesota Alumni Association.

PHARMACY

The annual meeting will be held from 6-10 p.m. on Saturday, May 1 at the Campus Club in Coffman Memorial Union. Special recognition will be given to the classes celebrating their 50- and 25-year reunions. There will be a buffet dinner followed by keynote speaker Professor E.W. McDiarmid, speaking on "Sherlock Holmes, Master Detective." The Distinguished Pharmacist Award will be presented during the meeting. Make reservations by calling the Minnesota Alumni Association.

A symposium on "The Current Concepts in the Therapy of the Cancer Patient" will be presented on May 2 by the Office of Continuing Education in Pharmacy. Registration begins at 8:45 a.m. For more information, call (612) 376-5313.

MEDICAL TECHNOLOGY

The annual meeting will be

held April 28 at the Women's Club in Minneapolis. Special recognition will be given to the classes of 1932 and 1957, who are celebrating their 50- and 25-year reunions. The cost of the program is \$16.50 and includes dinner. For reservations, contact the Minnesota Alumni Association.

HOME ECONOMICS

The Career Open House sponsored by the College and Home Economics Alumni Society will take place April 24-25 at the College of Home Economics, McNeal Hall on the St. Paul Campus. On Saturday, April 24, there will be an open house following the Future Homemakers of America convention, from 1 to 3 p.m. On Sunday, April 25, from 1 to 4 p.m., the open house will continue for prospective students, their parents, teachers, counselors, and advisers. If you are aware of high school students who are interested in attending the College of Home Economics please send their name and address to the Minnesota Alumni Association, 100 Morrill Hall, Minneapolis, Minn. 55455. We will mail them an invitation announcing the open house.

JOURNALISM

The annual meeting will be held May 20 at the Minneapolis Hilton Inn, 1330 Industrial Boulevard, St. Paul. The meeting will also be with members of the Society of Professional Journalists, Sigma Delta Chi. "Page One Awards" will be presented along with an "Award for Excellence," to be given to an outstanding University of Minnesota alumnus. A speaker will be announced.

BIOLOGICAL SCIENCES

The third annual meeting will be held May 1 at the Gray Freshwater Biological Institute, Navarre, Minn., from 1 to 5 p.m.

NURSING

The annual meeting will be held April 21 at the Minnesota Alumni Club on the 50th floor of the IDS Tower, Minneapolis. Two alumni will be honored with Outstanding Achievement Awards: Patricia Deiman, Silver Spring, Md., and Dr. Marie L. O'Koren, Birmingham, Ala.

Concerts

SCHOOL OF MUSIC

University String Quartet, 8 p.m., April 1, in Willey Hall. Brass Choir, April 2, at River Falls, Wis.

Opera Workshop, 8 p.m., April 2-3, in Scott Hall Auditorium. Jazz & Concert Band, 4 p.m., April 4, in Northrop Memorial Auditorium.

Tom Pixton will give a harpsichord recital, 8 p.m., April 14, at Scott Hall Auditorium and present a harpsichord master class, 8 p.m., April 15, in Scott Hall Auditorium.

Lewis Rowell will lecture at 11:15 a.m., April 16, in Wullig Hall, room 30.

David Baldwin/Paul Freed/David Jackson/Ron Hasselmann Faculty Recital, 8 p.m., April 26, at the House of Hope. St. Paul Chamber Orchestra Open Rehearsal with Gunther Schueller, 10 a.m., April 27, Scott Hall Auditorium.

METROPOLITAN OPERA

"The Tales of Hoffman" by Offenbach, 8 p.m., May 17.

"Madame Butterfly" by Puccini, 8 p.m., May 18.

"Il Trovatore" by Verdi, 8 p.m., May 19.

"The Magic Flute" by Mozart, 8 p.m., May 20.

"Norma" by Bellini, 8 p.m., May 21.

"The Barber of Seville" by Rossini, 1:30 p.m., May 22.

"Rigoletto" by Verdi, 8 p.m., May 22.

All operas are at the Northrop Memorial Auditorium. For tickets or more information call: (612) 373-2345.

Art Exhibitions

UNIVERSITY GALLERY

Northrop Auditorium

"Marquee on Main Street: Jack Liebenberg's Movie Theaters, 1928-1941," March 22-April 25, in gallery 305-7.

"Non-Official Art from the Soviet Union — Recent Works," April 5-May 2, in gallery 405.

"African and Afro-American Culture: Convergences and Divergences," May 3-May 30, in gallery 305-7.

"Porcelain from the Permanent Collection" — ongoing exhibit, in gallery 309.

Goldstein Gallery

"Undergraduate Show," April 1-30.

"African Textile Show of Kolarari Cloth," May 1-28.

BELL MUSEUM OF NATURAL HISTORY

The Jaques Gallery presents "Maynard Reese," an exhibition of works by one of America's most popular wildlife painters and five-times winner of the Federal Duck Stamp Competition. Hours: T-Fri. 10-3, Sat. 9-5, Sun. 1-5, March 13-April 18.

Free educational programs for families will be presented at 2 p.m. on April 18 and May 9. On Sunday, April 18, the topic will be bird watching. On Sunday, May 9, curators will identify fossils and bones brought in by participants.

The Natural History Lecture Series presents lectures by Bell Museum staff members and University faculty members on a variety of topics on Tuesday evenings at 7:30 in the Bell Museum Auditorium. Please call (612) 373-2423 to request a brochure with complete information.

Dance

NORTHROP DANCE SEASON

Cleveland Ballet, 8 p.m., April 8-9. The Cleveland Ballet is directed by Ian Horvath and associate Dennis Nahat, both former stars of American Ballet Theatre and Joffrey Ballet.

Joffrey Ballet, 8 p.m., May 4-5. They will present 20th century ballets and works of today's leading choreographers, including Jiri Kylian, Twyla Tharp, and Laura Dean. For tickets and more information call (612) 373-2345.

Theater

UNIVERSITY OF MINNESOTA THEATER

"The Rehearsal" by George Villiers will be presented at 8 p.m., on April 23, 24, 29, 30, May 1, 6, 7, and 8 and at 3:00 p.m. on April 24, May 2 and 9, in the Stoll Thrust Theatre.

"The Death of Bessie Smith," by Edward Albee, and "The Reconstruction of Dossie Ree Hemphill," by Endesha Ida Mae Holland, will be presented at 8 p.m. on April 30, May 1, 6, 7, 8, 13, 14 and 15 and at 3 p.m. on May 2, 9, and 16, in the Arena Theatre. For more information on these and other University Theater productions, call (612) 373-5193.

Women's Sports

GOLF

Marshall University, April 15-17, at Huntington, W. Va.
Big 10 Tournament, April 30-May 1, at Minnesota.

GYMNASTICS

NCAA Championships, April 1-3, at Lincoln, Neb.

SOFTBALL

Southwest Missouri Invitational, April 2-3, at Springfield, Mo.

Texas A & M Invitational April 9-10, at College Station, Texas.
Big Ten Tournament, April 16-17, at Ann Arbor, Mich.

North Dakota State University, April 20, at Minnesota.

Mankato State University, April 20, at Minnesota.

Augustana College, April 23-24, at Minnesota.

University of Minnesota-Duluth, April 26, at Minnesota.

Iowa State Invitational, May 1-2, Ames, Iowa.

Region 6 Tournament, May 6-8, Springfield, Mo.

TENNIS

St. Cloud, March 31, at Minnesota.

Wisconsin, April 3, at Madison, Wis.

Illinois & Iowa, April 9-10, at Minnesota.

Beauty & the Beast Match, April 18, at Minnesota.

Big Ten Team Championships, April 23-24, at Madison, Wis.

St. Olaf, April 27, at Minnesota.

Minnesota Invitational, April 30-May 1, at Minnesota.

Gustavus Adolphus, May 4, at Minnesota.

Region 6 Championships, May 13-16, at Iowa City, Iowa.

AIAW National Championships, May 27-June 2, location to be announced.

TRACK & FIELD

Cyclone Invitational, April 3, at Ames, Iowa.

Drake Invitational, April 9-10, at Des Moines, Iowa.

Quadrangular, April 17, at Minnesota.

Drake Relays, April 23 and May 4, at Des Moines, Iowa.

Men's Sports

BASEBALL

Oral Roberts University, April 2-3, at Tulsa, Okla.

St. Thomas College, April 6, at Minnesota.

Augsburg College, April 7, at Minnesota.

Wisconsin-River Falls, April 9, at Minnesota.

Wisconsin-Eau Claire, April 10, at Minnesota.

Minnesota-Duluth, April 16, at Minnesota.

St. Cloud State, April 18-20, at Minnesota.

Minnesota-Morris, April 21, at Minnesota.

Northwestern University, April 24-25, at Minnesota.

Milton College, April 27, at Minnesota.

St. Cloud State, April 28, at St. Cloud.

GOLF

Kepler Invitational, April 16-18, at Columbus, Ohio.

Minnesota Invitational, April 23 at Minnesota.

Northern Intercollegiate, April 30-May 2, at Iowa City, Iowa.

TENNIS

Indiana, April 2, at Indiana.

Ohio State, April 3, at Ohio.

Michigan, April 9, at Minnesota.

Michigan State, April 10, at Minnesota.

St. Olaf, April 13, at Minnesota.

Purdue, April 16, at Indiana.

Illinois, April 17, at Illinois.

Southern Illinois, April 18, at Edwardsville.

Wisconsin-Eau Claire, April 20, at Minnesota.

Carleton, April 21, at Minnesota.

Iowa, April 23, at Minnesota.

Northwestern, April 24, at Minnesota.

St. Thomas, April 26, at Minnesota.

Gustavus, April 27, at Minnesota.

TRACK

Texas Relays, April 2-3, at Austin, Texas.

Iowa State Invitational, April 10, at Ames, Iowa.

Kansas Relays, April 16-17, at Lawrence, Kansas.

Drake Relays, April 23-24, at Des Moines, Iowa.

CLASS NOTES

by Sandy Stai

'17 *Mary Pfau* of Aitkin, Minn., is at the Aico Home in Aitkin and is active in the programs there.

'20 *Donald Mackintosh* is in a nursing home and would enjoy hearing from classmates. His address is: Donald Bastian, 608 S. Inglewood, Coffeyville, Kan. 67337.

'21 *Raymond Aune* of Rochester, Minn., is a retired county agricultural agent and teacher.

'23 *Delmar LaVoi* of Brooklyn, Minn., lives in a historical home built in 1845. It was once a stagecoach stop and roadside inn.

'24 *Bryan E. Smith* of Bridgeport, Conn., is the former president of Liberty Mutual Insurance Co. of Boston.

Gladys (Moon) Lashbrook of New York City was honored by the Queens Branch of the American Association of University Women with a fellowship in her name. She and *Vernon Lashbrook*, '25, are active members of the New York Chapter of the Minnesota Alumni Association.

'29 *Dr. Arthur Skjold* of Minneapolis, was inducted into Macalester College's Athletic Hall of Fame in St. Paul.

Lawrence Ritter Sr. of St. Paul is a forester, land appraiser, and secretary-treasurer of the Minnesota Forestry Association.

'31 *Maurice Day* of Beau, Mich., is a part-time consulting forester. He was with the forestry department of Michigan State University for 36 years.

Cornelia (Andrews) DuBois of Minneapolis is a piano teacher and writer. Her book *Singing Wheels* was chosen for the Kerlan Collection of children's literature at the University of Minnesota.

W. Stanley Ekern is retired and lives in St. Paul.

J. Addison England of Nokomis, Fla., is retired as vice president of Church Mutual Insurance Co. of Merrill, Wis.

Franklin Farver of Bella Vista, Ark., is a retired chief accountant and corporate accounting manager of Kimberly-Clark Corp.

Edward Fritzberg of Remer, Minn., is retired from the Pillsbury Co. of Minneapolis. He was a designer of machines and processes.

Howard Giese of Mitchell, S.D., has retired as owner and manager of a plumbing supply house, John H. Giese & Son. He received an outstanding citizen award from Dakota Wesleyan University where he has been a trustee.

Janet Moening of Owatonna, Minn., is retired as a part-time music instructor from the Owa-

tonna public school but sings in Little Theater productions and directs a church choir.

Arthur Monthey of Duluth, retired from Minnesota Ore Operations of U.S. Steel Corp.

William Stanley Moris of Boise, Idaho, is retired as chief of tuberculosis treatment for the State of Idaho. He was a medical missionary in China for five years, and was in Tanzania, East Africa for 28 years.

Dana Murdoch Nicholson of Edina, Minn., has retired from the State of Minnesota as a district court judge.

Wallace Nordgaard of Wahpeton, N.D., has retired from North Dakota State School of Science where he was a teacher and administrator and had a men's dormitory named in his honor.

'33 *Russell V. Person* of Silver Spring, Md., has been teaching for 50 years, most recently a night class in mathematics at Capitol Institute of Technology.

'34 *Benedict Cohn* of Beverly Hills, Calif., is president of Duo Concept Evaluation, Inc.

Carl Dahlquist of St. Paul, retired from 3M, and is a consultant in adhesion science.

Seth Fisher of Lake Hubert, Minn., retired in 1977 after 11 years as a vocational-agriculture teacher and 32 years with Midland Cooperatives. In 1979 he did coopera-

tive education and training in Nigeria.

'35 *Lewis D. Brown* of Clearwater, Fla., is president of the Suncoast Chapter of the Minnesota Alumni Association.

Raymond Hoag of Victoria, Minn., is busy with golf, gardening, genealogy, and government. He is a member of the Victoria city council.

'36 *Meyrle Gilman* and *Lloyd Gilman*, '37, of Willmar, Minn., spent four months in Chiang Mai, Thailand, where Lloyd taught urology and Meyrle worked in the nursery in a mission hospital.

Elva Rath of Lakeland, Fla., attended the 1981 summer session at the University of Valencia, Spain.

'37 *Neal R. Amundson* of Houston, is a Fulbright scholar and Guggenheim Fellow who received the University of Houston Cullen College of Engineering's faculty excellence award. He also grows and exhibits orchids.

Donald Braman of Minneapolis is semi-retired as a vice president of Doremus and Co., a public relations and advertising agency. He spends considerable time traveling and writing.

Robert J. Ellison of St. Paul retired as chairman of the board of Ellison-Pihlstrom-Ayres, Inc., consulting engineers in St. Paul.

New Historical Officer
Louis M. Moore, '40, Minneapolis, has been appointed public affairs officer by the Minnesota Historical Society. He will be involved in development, public, and community affairs.



Arthur Lillyblad of Red Wing, Minn., is with the St. James Hotel in Red Wing.

Dwight Martin of St. Paul, Minn., is practicing internal medicine and is on the board of the Minnesota Medical Foundation.

'38 *Emil Fattu* of Kellogg, Idaho, retired as a chemist, instrument engineer, metallurgist, and environmentalist for 43 years with the Bunker Hill Co.

Margaret Lehrer of Colorado Springs, Colo., will retire in June. She is state president of Delta Kappa Gamma Society International.

William Rounds of Columbus, Ohio, retired from the office of public affairs, Ohio State University, after 35 years in public information work.

Stanley Rowland of New Orleans, a United States Department of Agriculture chemist, received an award as an outstanding researcher in the area of cellulose chemistry and technology.

'39 *Arthur Michalson* of Rockford, Ill., is a manufacturer's representative who sells water treatment equipment to industry.

'40 *Roger Cowell* of Clearwater, Fla., retired in 1976 after 30 years with the Voice of America.

'41 *Frederick W. Booth* of Minneapolis is senior vice president and creative director for the Colle & McVoy Advertising Agency.

Burton H. Boyum of Ishpeming, Mich., is the manager of administrative affairs for the Cleveland-Cliffs Iron Co. He also is a member of the National Ski Hall of Fame and is president of the Ishpeming Chamber of Commerce.

Irving R. Brand of St. Louis Park, Minn., is an attorney with Mason, Edelman, Borman, Brand & McNulty in Minneapolis.

Gerhard M. Brauer of Bethesda, Md., is a research chemist, dental and medical materials, National Bureau of Standards, United States Department of Commerce, Washington, D.C.

Richard H. Brill of Pasadena, Calif., is an assistant vice president and purchasing agent for the Union Bank in Los Angeles.

Howard Busanell of Toronto, Ontario, Canada, is the president of McCarthy and Robinson, Ltd., Scarborough, Ontario.

Arline Castleberry of Burlingame, Calif., designs residential homes and additions. She is a member of the American Institute of Building Design.

Howard L. Christenson of Sarasota, Fla., is retired from the Eastman Kodak Co., after 35 years' service in Rochester, N.Y.

Marie M. Christenson of St. Paul, has been retired from the faculty at the University of Minnesota College of Home Economics since 1949.

Winifred H. Clarke of Portland, Ore., has a private practice in orthopedic surgery in Portland.

Marius Cohn of Minneapolis, is a consultant and part-time adjunct professor at the University of Minnesota. He has written papers on computer theory and design, and holds United States and foreign patents.

'42 *Dean P. Irons* of Tucson, Ariz., has retired after 34 years with 3M's traffic control products division.

Arthur Janura of Palatine, Ill., is the general superintendent

of the Forest Preserve District of Cook County. He's been awarded the Hutchinson award by the Chicago Horticultural Society and Loyola University's civic award.

Roger W. Lund of Pittsburgh, Pa., has retired after 39 years with the United States Steel Corp. He was the manager of sales and use taxes and is an authority on taxes.

John S. McCollom of Dayton, Ohio, has retired from the aeronautical systems division as the technical director, deputy for tactical systems, at Wright-Patterson Air Force Base in Dayton. He also has been president of the Dayton Chapter of the Minnesota Alumni Association.

Norman C. Mindrum of Downers Grove, Ill., is the president of the National 4-H Council, Chicago.

C. Howard Peterson of Benson, Minn., sold the Peterson Funeral Home after 30 years.

Dr. James R. Purvis of Osseo, Minn., is a retired dentist.

Roger Ringham of Dallas, has retired from International Harvester Co., and has received an award for "outstanding technical contributions in the development of modern military and commercial jet aircraft."

Harold J. Rosen has retired to Sarasota, Fla., after 32 years with the international operation of Ford Motor Co. He is a former president of the Minnesota Alumni Club of Greater Detroit.

Stephen F. Steele of Fari-bault, Minn., is completing his 27th year as the editor of the *Minnesota Legionnaire*.

Bruce N. Torell of West Hartford, Conn., took an early retirement from the presidency of Pratt & Whitney Aircraft to form B. N. Torell Inc., a technology consulting firm.

Victor E. Cohn of Chevy

Chase, Md., is a science and medical writer for the *Washington Post*. He worked for the *Minneapolis Tribune* from 1946-1968. He is the author of *Sister Kenny: The Woman Who Challenged the Doctors*, University of Minnesota Press, 1976.

Francis L. Cooper of Dunedin, Fla., is retired but continues to consult in marketing and management. He is a former vice president for advertising and public relations at New York Life.

Theodore C. Johnson of Afton, Minn., has retired from the Minnesota Mining and Manufacturing Co., St. Paul, where he was a chemist.

James F. Kelly of Minneapolis, has joined Robert Boblett Associates as a vice president of brokerage. He's a past president of the Greater Minneapolis Area Board of Realtors and a director of Big Brothers Inc.

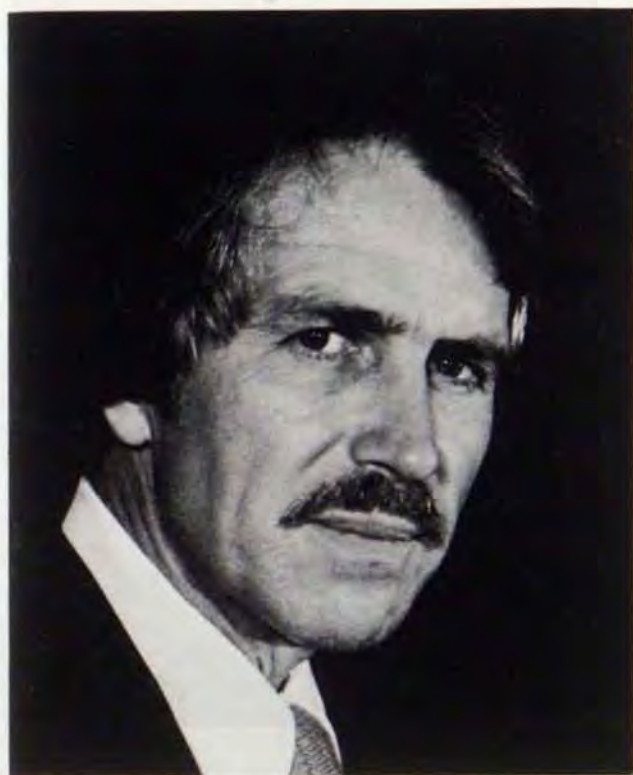
'43 *C.W. "Casey" Douling* of St. Peter, Minn., is a real estate appraiser and broker. He taught vocational-agriculture for 34 years.

Leon Frost of Le Sueur, Minn., is retired as vice president and controller of the Green Giant Co. He is an assistant professor in business administration at Mankato State University.

Carroll M. Martenson of Valencia, Calif., received the corporate leadership award conferred by the Massachusetts Institute of Technology. He is the chairman and chief executive officer of Criton Corp. of Bellevue, Wash.

Lorraine (Bradt) Dennis of Portsmouth, R.I., teaches developmental psychology. She wrote *Psychology of Human Behavior for Nurses*.

Kerwin Hoover of Pasadena, Calif., writes public service news for KNX-CBS in Hollywood and edits the newsletter



Gundaris Poné

Bringing the Classics Home

Gundaris Poné, '54, '56, and '62, came to the United States from Europe, but he is most adamant about being an *American* composer. He has adopted America as his homeland and has become a champion for the cause of the American composer.

"I believe that the best composers living in the world today are right here among us," he said. "I think we can out-compose anyone from any other country, but we often don't receive the support from our own people who come to look at foreign conductors and composers as superior."

Poné (pō 'nā) came to the University of Minnesota in 1951 and earned his bachelor's, master's, and doctoral degrees in music and German literature. It was at the University that Poné, a violinist since the age of six, became interested in composing music.

His compositions, including 10 pieces for orchestra and a variety of music written for chamber ensembles and solo instruments, have been praised by music critics in Russia, Germany, and the United States. Recently, "La Serenissima," described as seven Venetian portraits for orchestra, won the First Prize "Città di

Trieste" in the XX International Competition for Symphonic Composition, Trieste, Italy. "La Serenissima" was inspired by and dedicated to the city and people of Venice, Italy where Poné studied under the prominent Italian composer, Luigi Nono in 1967, 1970, and 1973.

Poné believes that his success is merely a reflection of what many American composers are doing and how good they are these days. "I believe, as many do," Poné said, "that music should be addressed to as many people as possible. And if that means coming up with ways to make it more comprehensive, then I think it is the composer's obligation to do so. It seems a very unnatural situation that composers should write for a very small group of their friends, or themselves, and exclude the larger population."

That attitude is reflected in many of Poné's compositions, such as "Ely," a piece for chamber ensembles that is based on reflections from the Boundary Waters Canoe Area in northern Minnesota. The piece is subtitled "Seven Studies in Nature" and was written to include a percussionist using wind chimes, jew's harps, and small drums. The tiny percussion sounds help the piece suggest "shades of wood and shades of sky, birds, and animals," Poné said. "Nothing large and dramatic, the studies are very subtle in nature and very quiet in observation."

Currently, Poné teaches theory and composition at the State University of New York at New Paltz. He is also the artistic director of the Poné Ensemble for New Music, a chamber ensemble dedicated to performing new compositions. From time to time he appears as a composer and conductor in major American and European cities.

Poné, who lives in New Paltz with his wife, Karen, and two teenage boys, said that although he would not teach as much as he does now if it were not necessary to make a living, he would still teach some. "Teaching is a heavy job, but I have a sense of responsibility to keep in touch with the teaching situation."

He is working on a composition commissioned by the New York State Creative Artist Public Service award. His award-winning "La Serenissima" will be featured in a world premiere performance this spring by the Trieste Symphony Orchestra. Poné will go to Italy for the performance. In the meantime, he continues to seek new ways to bring classical music to a larger range of people.

"I work incessantly on new pieces . . . (I try) to help an audience understand what it is rather than assume, 'Well, they're a bunch of fools and they wouldn't understand anyway.' I reject that kind of an attitude. I think it is people who really don't want to be understood who aren't understood. If they want to be understood, they'll find a way of doing it." *Chuck Benda*

University Dance Teacher Hits Her Stride

If talent, energy, and enthusiasm have anything to do with making a new dance company successful, the New Dance Ensemble is on its way. Linda Shapiro, a 40-year-old dance teacher in the University of Minnesota's physical education department, is a co-director of the new company and she has plenty of all three.

"I like to work," she said. "I'm very eclectic. I've choreographed pieces to jazz, to country western, to Cajun music . . . as well as to metronomes or silence".

In 1980, representatives of the Northwest Area Foundation and the Jerome Foundation asked Shapiro and fellow-dancer Leigh Dillard if they would be interested in developing the concept for a new dance company that would produce post-modern dance. They were, they did, and the foundations responded with grants totaling \$105,000 to help fund the New Dance Ensemble for a two-year period beginning this year.

In October, the New Dance Ensemble will make its debut with six to eight performances during two weekends. The new company will concentrate on presenting the works of active choreographers who work in the genre of post-modern dance and will include pieces commissioned by visiting choreographers.

Shapiro, who had never danced or choreographed professionally until she was in her mid-thirties, said, "It's like living in a fairy tale in some ways. I was in the process of preparing for my first concert when we were approached with the idea for a new dance company. I was starting to think, 'Where do I go from here?' I couldn't go on as an independent. I felt like somebody had offered me exactly what I wanted, but never would have tried myself."

Before this fairy tale gets a happy ending, however, Shapiro and Dillard must raise another \$100,000 for the first two years of the company's existence, and figure out how to make it go from there. The business and legal aspects of forming a dance company are more than they had bargained for. They have already begun to conduct auditions to select the six or seven dancers that will make up the company, but they have yet to find a



Linda Shapiro

business manager. "It's getting to be too much," Shapiro said. "It will be just heaven if we get a part-time manager."

Shapiro, who teaches part time at the University, became a dancer and choreographer in a circuitous fashion. In 1965, she was teaching English to junior high students in New Jersey while living in New York City. (She has a bachelor's degree in English and education and a master's degree in English from the University of Wisconsin.) To keep in shape, she decided to take some modern dance classes; as a child she had studied ballet. For the next six years, while continuing to teach in junior high school, she studied modern dance under Merce Cunningham in New York.

After spending a year in Ohio where she was involved in the dance program at Oberlin College, her husband, Alan, was offered a job teaching the history of science for the Department of Physics at the University of Minnesota. They made the move in 1972. After a few years in the Twin Cities, Shapiro said she began to feel guilty about not working, but she didn't want to return to teaching junior high school, so she decided to put her dance experience to work.

for his YMCA's men's service club.

'44 Katherine Eaton of Eugene, Ore., is vice president of the American

Association of University Women and is president of the University of Oregon Senate.

'45 Joseph Belshe of St. Cloud, Minn. is pres-

ident of the International Free Standing Ambulatory Surgical Care Society and the founder of the society's Minnesota center, the second in the nation.

Donald Neth of Longboat

Key, Fla., retired after 31 years with Miller Publishing Co.

'46 Wilber Clark Jr. of Minneapolis, is a partner in the architectural

She started teaching dance in the physical education department at the University in 1978. Since that time she has taught a variety of classes from composition and theory to creative movement for nursery children in the University's Institute of Child Development. Shapiro said her experiences at the University have been instrumental in her development as a choreographer.

"The first group I had here was a group of about 25 kids and they ranged in level from beginners — people with three months of dance — to people who had danced for several years and who had performing experience. I had to choreograph a dance for all these people — one dance! I learned a lot. It was just amazing to move 25 people around in one dance."

In the following years, Shapiro continued to dance and choreograph as an independent. Her works have been performed at the Walker Art Center, the Children's Theater, the Edyth Bush Theater, and the Minneapolis Jewish Community Center. In 1979, she formed her own company, "a sort of pick-up dance company," Linda Shapiro and Dancers. They presented several concerts of her work at The Theatre of the St. Paul Student Center. She also teaches dance at the Ozone Dance School.

Now, with the birth of the New Dance Ensemble, she is hoping for continued success, and, perhaps, greater recognition.

"Minneapolis is really a thriving dance community. People all over the country will tell you that the second-best place for dance in this country, next to New York, is Minneapolis. There's a lot of junk being produced in New York, but there's also the best of the best. Because of the time I spent in New York, I really saw what good work is, so I think I can make a realistic assessment of my own abilities and where I am in this spectrum. I think I'm good. I mean, I think I'm very good. I don't think I'm great, but I will not say that I maybe couldn't be great some day.

"Right now I don't care about that so much. As long as we have an audience, I just want to keep doing my work. I want this company to go. I want to see other people's work produced.

"I feel like I'm just hitting my stride. I know enough to know how far I've got to go yet, but I feel like I'm just ready to go in and really experiment and really push myself to the limits."

Chuck Benda

firm, Peterson, Clark, and Associates.

'47 Dean B. Carlson of Minnetonka, Minn., vice president, special assistant

to the president of IDS Insurance Co. retired after some 25 years with IDS.

Edward LaFave Jr. of Morris, Minn. is president of the Citizens Banks in Morris.

Mildred E. Olson of Minneapolis has retired after 34 years in the research division of the Department of Physical Medicine and Rehabilitation of the University of Minnesota Medical School.

'48 George F. Horst of Midland, Texas, is a sales development engineer for Schlumberger Well Services of Midland.

Richard R. Johnson of Dallas, is a partner with the law firm of DeHay and Blanchard.

V. Lynette Kimble of Maplewood, Minn., is with the International Rehabilitation Association as a rehabilitation specialist.

C. Roger Larson of Austin, Minn., is a foreman of George A. Hormel and Co., Austin.

Allen Lukemeyer of St. Cloud, Minn., is retired.

Clifford L. Peterson of Chillicothe, Ohio, has worked as a plant engineer for the Meane Corporation-Chillicothe Paper Co. division for 33 years.

'49 Kenneth M. Hall of Upper Saddle River, N.J., is a manufacturer's representative for Hall Components.

Carl A. Jensen of Arden Hills, Minn., was appointed a judge of the Minnesota tax court. He served both in the Minnesota House of Representatives and in the Minnesota Senate.

Norman W. Nielsen of Pittsburgh, Pa., is manager of metallurgy and quality assurance for the Aluminum Co. of America.

Francis L. Schubert of Salem, Ore., is vice president for technology and environmental control at Teledyne Wah Chang Albany.

Kermit Stahl of Sunnyvale, Calif., is a design specialist in the space systems division of Lockheed Missiles and Space Co.

Howard S. Swenson of Alliance, Ohio, has been

named senior technical consultant at the Babcock & Wilcox Co.'s Alliance research center. He is a member of the American Society for Mechanical Engineers and the American Nuclear Society.

'50 Serge Logan of Racine, Wis., has been named assistant to the vice chairman of Johnson Wax.

Russell Malsen of St. Cloud, Minn., owns and operates a secretarial business called Dynamic Business Services Inc.

John McHugh of Edina, is retiring as vice chairman of the board of Northwestern National Bank of Minneapolis.

Dr. O. William Muckenhirn of Toledo, Ohio, is professor emeritus of the University of Toledo. He was a University of Minnesota faculty member for 23 years before becoming a professor at the University of Toledo.

The Rev. Floyd C. Meyer of Schaumburg, Ill., heads the pastoral care department at Friendship Village, a retirement community, where he is a chaplain.

Bernard Stanton of Greenville, N.Y., is a professor at Cornell University. He teaches linear programming and research methods and has been acting chairman of the agricultural economics department.

'51 Thomas Kryzer of Williston, N.D., is president of Northern Tier Pipeline Co., Billings, Mont. He recently has been elected a director of Geo Resources Inc., a natural resources exploration and production company.

Richard B. Murray of Bayport, Minn., is with the Minnesota department of public safety as an administrative officer for the state patrol.

James Neely of York Springs, Penn., is president of the Hospital Association of Pennsylvania.

nia and has been granted fellowship status in the American College of Hospital Administrators.

Dr. William A. Wagner of Fullerton, Calif., is past president of the Southern California Society of Oral and Maxillofacial Surgeons and is president elect of The Flying Dentists Association.

Donald Schuette of Madison, Wis., is a professor in the school of business at the University of Wisconsin, Madison.

'52 *Patricia (DeVaney) Barnes* of Aurora, Minn., is director of associate degree nursing at Hibbing Community College.

Raymond L. Hanson of Lindstrom, Minn., is a veterinarian with Chisago Lakes Veterinary Hospital.

'53 *John Fibiger* of Weston, Mass., is president and chief administrative officer of New England Mutual Life Insurance Co.

Dr. William G. Halverson was recently honored for 25 years of family medical practice in Madelia, Minn.

Mark Mund of Minneapolis is vice president, technical operations, international division of Donaldson Co. Inc. of Bloomington.

John J. Hunt Jr. of Rochester, Minn., is a pharmacist at Hunt drugstore, Rochester.

Sister Kathleen Van Groll is president of the Sisters of St. Francis in Rochester, Minn.

'54 *Andrew R. Johnson* of Buffalo, Minn., is president of the Minnesota

State Pharmaceutical Association.

James Krause of Golden Valley, Minn., is president of North Central Management Associations, Inc., and is president of the Minnesota higher education coordinating board.

Dr. Edgar Ziegler of Chaska, Minn., is a clinical professor at the University of Minnesota School of Dentistry. He also has a full-time practice.

'55 *Frank Trestman* of Minnetonka, Minn., has been elected to the board of directors of Modern Merchandising, Inc. of Minnetonka.

'56 *Catherine A. Maley* of Chapel Hill, N.C., is a professor of romance languages at the University of North Carolina. She has recently written *Dans LeVent*, a French textbook.

Mitchell Rosenholtz of Columbia, Mo., was selected by the student council of the University of Missouri at Columbia for the "Faculty Service Award." He is head of the pathology department committee on the residency training program.

Forrest Miller Jr. of Edina, Minn., is director of The Lomas & Nettleton Co. commercial real estate investment banking office in Minneapolis.

Gretchen (Steinke) Russell is a writer for the University of Tampa's office of communication. She and *Gary Russell*, '57, live in Clearwater, Fla.

'58 *Elizabeth Appelbaum* of Prairie Vil-

lage, Kan., is a computer programmer for American Telephone & Telegraph of Kansas City.

Gordon Ortler of Golden Valley, Minn., is manager of corporate security for the Northern States Power Co. He won a Bush Foundation Summer Fellowship and attended the Minnesota Management Institute.

David Thorud of Seattle, Wash., is dean of the college of forest resources, University of Washington, Seattle. He's a specialist in forest hydrology, dealing with the properties, distribution, and circulation of water on the surface of the land, in the soil, and underlying rocks, and in the atmosphere.

'59 *Dave Hummi* of Fargo, N.C., is a credit representative with General Motors Acceptance Corp. and the District 20 educational lieutenant governor for Toastmasters International.

Robert Rietow of Minneapolis is with Frederik Bentz/Milo Thompson/Robert Rietow, Inc., a Minneapolis architecture and urban planning firm and is president of the Minnesota Society of the American Institute of Architects.

'60 *William Kallberg* of Bloomington, Minn., is the manager of engineering at Minnesota Gas Co.

'61 *William Tomek* of Ithaca, N.Y., is professor of agricultural economics at Cornell University and is a

nationally recognized scholar on futures markets and agricultural price determination.

'63 *Beverly Kees* of Grand Forks, N.D., is executive editor of the *Grand Forks Herald*.

Elton Ruble of Fargo, N.D., is vice president of Arrowhead, Inc., Fargo.

'64 *Taimi Ranta* of Normal, Ill., was named outstanding teacher of the college of arts and sciences at Illinois State University. Her contributions to the study of children's literature have been recognized internationally and the government of Finland knighted her with the order of the White Rose for her research and publications in Finnish.

'65 *Arnold Liebman* of Montclair, N.J., is research section chief of the chemical research department of Hoffman-LaRoche, Inc., Nutley, N.J.

David Mona of Edina, Minn., has formed a new public relations agency, David L. Mona & Associates. He's a member of the executive committee of the University of Minnesota's alumni association board of directors, a regular columnist for the *Mpls. / St. Paul* magazine, and a co-host on a WCCO radio talk show.

Stephen Wishart of Minneapolis is senior vice president of investments for Northwestern National Life Insurance Co.

'66 *Dr. Jerome A. Erickson* of Minneapolis



Named to Hall of Fame

The late *Eldredge L. MacKay*, '36, Brookings, S.D., publisher of the *Pollock Pioneer*, has been named to the *South Dakota Newspaper Hall of Fame*.

was inducted into the International College of Dentists, an honorary fellowship of dentists throughout the world.

'67 *Rosemary (Yankers) Klein* of Rochester, Minn., is a member of the communications section of the Mayo Clinic in Rochester.

'68 *Anita (Mallory) Clark* of Arlington, Texas, is a professional speaker, a national sales director with Mary Kay Cosmetics and was featured in the *Arlington Woman Magazine*.

Robert Stockstead of Minneapolis is manager of a regional parts distribution center.

'69 *Richard Sivula* of Minneapolis, is vice president of engineering for Conkey & Associates, Inc., an international consulting engineering firm.

'70 *Richard Davern* of Arden Hills, Minn., is the billing manager for Economic Laboratories, institutional division, St. Paul.

John Ellsworth of Aurora, Colo., is the district sales manager for Union Camp Corp.'s corrugated container plant in Denver.

'71 *Mark Cowan* of Alexandria, Va., is deputy assistant secretary of labor for

Occupational Safety and Health Association and as such is deputy administrator of OSHA, the agency responsible for the overseeing of 70 million workers.

Dr. Dayton Hultgren of St. Anthony, Minn., is chairman of the board of directors of Minister's Life. He is also a licensed psychologist and an ordained Presbyterian minister.

'73 *Dr. Per Freitag* of Des Plaines, Ill., is practicing orthopedic surgery. He was elected a fellow in the American College of Surgeons.

Peter J. Gillen of Minnetonka, Minn., was promoted to the director of fuel management for Republic Airlines in Minneapolis.

Lyndon J. Hansen of Isanti, Minn., is a human services specialist senior at the Cambridge State Hospital in Cambridge, Minn.

Patricia Locknikar of Stewartville, Minn., has opened a law office on Main Street in Stewartville.

Dr. William Knapp of Atlanta, was elected to fellowship in the American College of Cardiology.

'76 *Mary Lukkarila* of Redwood Falls, Minn., is the director of the Redwood Falls Public Library.

Gary Matzke of Burnsville, Minn., is the consulting editor

of *Clinical Pharmacy*, a new pharmacy magazine.

Brenda L. Paar of Tomah, Wis., is a medical lab technician.

Michael Patera of Edina, Minn., has been awarded a juris doctor degree from the University of Puget Sound School of Law in Tacoma, Wash. He plans to practice law in Minneapolis.

Richard A. Querna of Danville, Iowa, is the owner of Querna Seed Co. Inc., a hybrid seed corn production and sales company.

Thomas J. Sampson of St. Paul, is a programmer for Land O'Lakes Inc. He is also the chapter photographer for the North West Data Processing Management Association and was chairman of the audit committee.

Eugene Setterstrom of Eden Prairie, Minn., is a manager in application systems and programming for the Nash Finch Co. in St. Louis Park, Minn.

Kathleen Wasescha of Minneapolis, is an investment officer in the first asset management department at First Bank, Minneapolis.

'78 *Scott Sundet* of Excelsior, Minn., is a group sales manager with Century Mfg. Co.

Lillian Glass of Los Angeles is an assistant professor in the University of Southern Califor-

nia's department of communication art and sciences.

'79 *Michael J. Frey* of Fayetteville, N.C., works for the Cargill Co., as a senior merchant in domestic soybean crushing.

Cynthia Hubbard of Viroqua, Wis., is an Air Force pilot flying the T-43 (Boeing 737) at Mather Air Force Base, Sacramento, Calif.

Peter Kelemen of San Jose, Calif., is an engineer for IBM. He will be on assignment in Mainz, West Germany, for a year.

Deaths

Waldemar Hvoslef, '17, Tucson, Ariz., on Dec. 28, 1981.

Ruth (Harrison) Lindert, '30, Homewood, Ill.

Orville Melby, '30, Summit, S.D., on Nov. 18, 1981.

Dr. R. E. Weller, '35, Pomona, Calif., on Jan. 18, 1982.

Allen Pacholke, '44, Hayward, Wis., on Aug. 16, 1981.

Dr. John E. Frank, '48, Brookings, S.D., on Aug. 14, 1980.

Peggy Sperry Clark Bruce, '58, Cambridge, Minn., on March 17, 1981.

Joan F. Elander, '70, Hopkins, Minn., on Oct. 30, 1981.

James Miller Johnson, '72, Salt Lake City, Utah.

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Installment Life Members June 1981

Kaplan, Dr. Martin B.; '64 MED; Edina	Korpela, Barbara A.; '64 DULUTH; Carlton, Minn.	Lawler, (Mrs. Donald J.) Nancy A.; '54 DENHY; Cheyenne, Wyo.
Kappel, Drucilla A.; '76 CLA; Kansas City, Mo.	Korsmo, John T.; '72 CLA; Fargo, N.D.	Lawlor, Grace S.; '75 CLA; Rochester
Kari, Oiva J.; '50 GRAD; White Pigeon, Mich.	Kortesmaki, Waino J.; '35 AG; St. Paul	Lawson, Robert D.; '76 CLA; Minneapolis
Karon, Stuart C.; '68 CLA; McLean, Va.	Krawczyk, Doris C.; '73 GRAD; Bloomington	Lee, Joong C.; '64 IT; Scarsdale, N.Y.
Katynski-Johnson, Mary K.; '64 CLA; St. Paul	Krempasky, Mary A.; '80 DENT; Minneapolis	Lee, Joy N.; '45 ED; Houston
Katzung, David L.; '67 CLA; Minneapolis	Krikava, Steve; '74 CLA; Minneapolis	Lee, Thomas D.; '79 CLA; Los Angeles, Calif.
Kaufman, David P.; '79 CLA; Brooklyn Center	Krogman, Dane A.; '76 GRAD; Minneapolis	Leff, Dr. Gary R.; '68 VET M; Buffalo, Minn.
Kawamura, Lani M.; '73 CLA; Hopkins	Krutsch, Carole A.; '78 FOR; Beloit, Wis.	Lefler, Herbert P.; '48 LAW; Minneapolis
Keating, Eugene; '59 LAW; Bayport, Minn.	Kruzich, David J.; '80 GRAD; El Paso, Texas	Lenander, Dr. Melvin E.; '26 MED; St. Peter, Minn.
Keegan, James J.; '57 BUS; Minneapolis	Kruzich, (Mrs. David J.), Doreen Camacho; '80 CLA; El Paso, Texas	Lenander, (Mrs. Melvin E.), Theresa G. Hougren; '23 HE; St. Peter, Minn.
Keller, John P.; '79 IT; S. St. Paul	Kucera, Allan T.; '54 BUS; Cumberland, Md.	Lentz, David A.; '79 BIOSC; Renville, Minn.
Kelley, Bruce R.; '50 IT; Orono	Kuyper, Joel D.; '65 IT; Ashland, Ky.	Lepley, Scott D.; '79 BUS; Inver Grove Heights
Kelley, (Mrs. Bruce R.); Irma J.; '75 GRAD; Orono	Labeck, Dr. Louis J.; '80 GRAD; Minneapolis	Lethert, John F.; '65 IT; Fairborn, Ohio
Kelly, Joyce M.; '62 CLA; Ellicott City, Md.	Laden, Steven P.; '70 CLA; Fox Point, Wis.	Levin, Julius; '48 BUS; St. Louis Park
Kerwin, John J.; '68 IT; St. Paul	Laden, (Mrs. Steven P.), Linda G.; '71 CLA; Fox Point, Wis.	Lewis, Charles H.; '40 AG; Shell Lake, Wis.
Ketchum Perry D.; '76 GRAD; Washington	Ladwig, Edward J.; '79 BUS; Minneapolis	Lewis, (Mrs. Charles H.), Virginia G.; '40 CLA; Shell Lake, Wis.
Kezele, Rudolph G.; '48 AG; Minneapolis	LaFavor, Dr. Robert W.; '47 DENT; Mound	Lidbom, Richard C.; '64 BUS; Bloomington
Kelby, David E.; '72 GRAD; Edina	LaFavor, (Mrs. Robert W.), Virginia MacMillan; '45 DENHY; Mound	Lieber, James C.; '52 IT; La Jolla, Calif.
Kenny, Richard E.; '59 BUS; Plymouth	LaFontaine, Nicholas P.; '70 BUS; Minneapolis	Liepins, Aija R.; '80 PHARM; Plymouth
Kenny, (Mrs. Richard E.), Donna M.; Plymouth	Laidlaw, Alan F.; '32 FOR; Grand Rapids, Minn.	Lieser, Rebecca M.; '71 HE; Fridley
Kenyon, Joseph D.; '73 BUS; Eagan	Lake, William M.; '67 IT; Loveland, Ohio	Lind, Merrill S.; '46 IT; Houghton, Mich.
Kern, Theophilus J.; '28 CLA; Jenkintown, Pa.	Lake, (Mrs. William M.), Audrey J. Provencher; '67 ED; Loveland, Ohio	Lindall, Arnold W.; '62 MED; Marine on St. Croix, Minn.
Khalil, Dr. Muhammad A.; '67 GRAD; St. John's, New Foundland, Canada	Lambert, Mary A.; '78 NURS; St. Paul	Lindall, (Mrs. Arnold W.), Marlene; '56 ED; Marine on St. Croix, Minn.
Kielmeyer, Dr. Ketih O.; '72 MED; Fresno, Calif.	Lance, Wayne; '42 MORSC; Detroit Lakes, Minn.	Lindgren, Steven O.; '71 ED; Richfield
Kinnunen, Carole L.; '70 PT; Minneapolis	Lang, Frederick H.; '54 GRAD; Minneapolis	Lindgren, (Mrs. Steven O.), Cynthia; '74 CLA; Richfield
Kircher, Wayne; '39 IT; Olivia, Minn.	Lang, Marvin E.; '76 MED; Burnsville	Lindquist, Joan S.; '38 BUS; Minneapolis
Kissling, Charles W.; '76 CLA; Wichita, Kan.	Lang, Steven Z.; '63 LAW; Minneapolis	Lingle, Dr. Scott D.; '79 DENT; White Bear Lake
Kitsis, Louis; Mankato	Lano, Neal A.; '50 LAW; Grand Rapids, Minn.	Linner, Dr. John H.; '43 MED; Minneapolis
Kjos, David M.; '61 IT; Plymouth	Lanto, Reino C.; '40 ED; Minneapolis	Linner, (Mrs. John H.), Evodia; Minneapolis
Kjos, (Mrs. David M.), Mary E. Pfau; '61 CLA; Plymouth	Lanto, (Mrs. Reino C.), Lois M.; Minneapolis	Litin, Robert B.; '53 MED; Eugene, Ore.
Klein, Anita D. Vigarid; '56 GC; St. Paul	Larsen, Norman S.; '62 MORSC; International Falls, Minn.	Loberg, Kenneth T.; '64 GC; Whitefish Bay, Wis.
Klein, Hugh E.; Minneapolis	Larson, David M.; '66 CLA; Minnetonka	Lommel, Jerome G.; '52 MED; Modesto, Calif.
Klein, (Mrs. Hugh E.), Valerie J. Pink; Minneapolis	Larson, Frances G.; '47 MEDTC; Wayzata	Lorentz, Harvey E.; '61 AG; Fargo, N.D.
Klemme, E. Barbara Bancroft; '50 CLA; Stillwater	Larson, Gretchen J.; Edina	Loret de Mola, Eduardo A.; '78 IT; Minneapolis
Knowles, Lawrence; '78 CLA; Richfield	Larson, Dr. Kenneth R.; '73 DENT; Chisholm, Minn.	Lowe, Mari Lyman; '56 CLA; Excelsior
Knowlton, Robert K.; '56 BUS; Big Lake, Minn.	Larson, Marian A. Lee; '64 DULUTH; Richfield	Lowe, Waldron H.; '69 CLA; St. Paul
Knutson, Rosemary; '74 CLA; Temple, Texas	Larson, Richard D.; '68 CLA; Canby, Minn.	Luchau, Judith M.; '80 BUS; Minneapolis
Koniari, Edward R.; '79 BUS; Minneapolis	Larson, Russell E.; '59 GRAD; Roseville	Lund, Edward C.; '51 BUS; Edina
Koniari, (Mrs. Edward R.), Amber M.; Minneapolis	Lauermann, Rudolph F.; '71 GRAD; Stillwater	Lund, (Mrs. Edward C.), Ruth M.; Edina
Korngiebel, John W.; '59 IT; Hutchinson, Minn.	Lawler, Dr. Donald J.; '58 MED; Cheyenne, Wyo.	Lund, Dr. Lois A.; '66 HE; E. Lansing, Mich.
		Lundquist, David J.; '64 CLA; Omaha, Neb.
		Lundquist, (Mrs. David J.), Merrilee M.; '64 ED; Omaha, Neb.

- Luoma, Barbara L.; '63 OT; Milpita, Calif.
 MacDonald, Marie P.; '36 CLA; Lompoc, Calif.
 MacIntosh, G. Thomas II; '65 LAW; Minneapolis
 MacLean, Michael G.; '76 GRAD; Ottumwa, Iowa
 MacLennan, John R.; '51 IT; Edina
 MacLennan, (Mrs. John R.), Claire; '49 CLA; Edina
 Madson, Michael E.; '71 CLA; Grand Junction, Colo.
 Madson, Michelle; '80 GRAD; Hopkins
 Maetzold, Thomas O.; '51 BUS; Minnetonka
 Magnuson, Gerald E.; '54 LAW; Minneapolis
 Maisel, Stan H.; '54 PHARM; Minneapolis
 Maki, Leslie W.; '68 GRAD; St. Paul
 Malecha, Dr. Myron J.; '80 MED; Isanti, Minn.
 Malecha, (Mrs. Myron J.), Julie A.; Isanti, Minn.
 Malenfant, David M.; '68 CLA; Eden Prairie
 Malmberg, Paul T.; '73 DULUTH; Bessemer, Mich.
 Manke, William B.; '71 CLA; St. Paul
 Mann, Stephan T.; '74 BUS; Shawnee, Kan.
 Manthei, Richard D.; '67 LAW; Libertyville, Ill.
 Marcus, Leslie S.; '65 CLA; St. Louis Park
 Marmorine, Marvin; '52 BUS; LeSueur, Minn.
 Martin, Bernice; '62 ED; Minneapolis
 Martinsen, Arnold H.; '48 LAW; Prairie Village, Kan.
 Marx, Wallace; '71 GRAD; Golden Valley
 Mastbaum, Dr. Leonard I.; '63 MED; Minneapolis
 Matanmi, Olusegun O.; '80 GRAD; East Lansing, Mich.
 Matson, Dr. Wesley J.; '48 ED; Winona, Minn.
 Matthiesen, Steven L.; '71 BUS; Fridley
 Mattiesen, (Mrs. Seven L.), Diane M. Sawina; Fridley
 Mattson, Dr. Donald S.; '54 MED; Willmar, Minn.
 Matusovic, Joseph; '71 BUS; Fridley
 Maust, Mark T.; '80 AG; Preston, Minn.
 Maust, (Mrs. Mark T.), Christy Schwinn; '80 AG; Preston, Minn.
 Mcallister, Charles B.; '46 DENT; Edina
 McCarville, James; '72 GRAD; Brookings, S.D.
 McChesney, David A.; '60 BUS; New Brighton
 McCloney, Toni J.; '80 GC; Minneapolis
 McEvoy, Thomas J.; '76 GRAD; Minnetonka
 McGovern, James J.; '48 BUS; Bloomington
 McGrath, Maureen A.; '77 PHARM; Minneapolis
 McGregor, Dr. Gordon W.; '53 MED; Northridge, Calif.
 McHale, William J.; '69 CLA; Minneapolis
 McIlrath, Dr. Donald C.; '63 MED; Rochester
 McKeag, Robert A.; '72 GRAD; Oshkosh, Wis.
 McKeen, Gloria M.; '69 ED; Minneapolis
 McKinnon, Walter W.; '41 CLA; White Bear Lake
 McKinnon, (Mrs. Walter W.), Jane Price; '57 AG; White Bear Lake
 McLaughlin, Michael C.; '69 PHARM; Shoreview
 McLeod, Gary W.; '70 IT; Marina Del Rey, Calif.
 McMillan, Dr. Donald G.; '65 DENT; Edina
 McMillan, Jean; '59 CLA; Palo Alto, Calif.
 McNabb, Michael W.; '74 LAW; St. Paul
 McNabb, (Mrs. Michael W.), Kathleen Matlock; '76 CLA; St. Paul
 McNamara, Dennis M.; '74 BUS; Hastings
 McNiff, Michael; '77 BUS; St. Paul
 McReynolds, Dr. Doris J.; '70 GRAD; Boulder, Colo.
 McVeety, Roger E.; '64 CLA; Edina
 Meehan, Kermit E.; '50 CLA; Wayzata
 Meloch, John F.; '70 CLA; Cincinnati
 Melgaard, Hans L.; '78 GRAD; Minneapolis
 Mellen, Kent D.; '80 AG; W. Des Moines, Iowa
 Merrigan, Douglas A.; '72 CLA; Brooklyn Park
 Merrill, Mark E.; '66 IT; Minneapolis
 Merritt, Christine E. Vogel; '74 CLA; Golden Valley
 Metzger, Robert L.; '49 IT; Englewood, Colo.
 Menwissen, Larry; '69 ED; Falls Church, Va.
 Meyer, Dr. G. William; '61 DENT; Elk River, Minn.
 Meyer, (Mrs. G. William), Joyce A.; Elk River, Minn.
 Meyer, Roger F.; '63 BUS; Pittsburgh, Pa.
 Meyers, Paul H., Jr.; '52 BUS; Clearwater, Fla.
 Meyers, Dr. Phillip H.; '55 MED New Orleans
 Michaelson, David; '73 AG; Dawson, Minn.
 Michaelson, (Mrs. David), Kathleen; '73 HE; Dawson, Minn.
 Middleton, John K.; '74 PHARM; Shoreview
 Middleton, Kent R.; '77 GRAD; Athens, Ga.
 Mikesch, Verna; '41 HE; St. Paul
 Mikkola, Wayne A.; '63 BUS; Minneapolis
 Mild, Warren; '47 CLA; Blue Bell, Pa.
 Miles, Harold L.; '50 GRAD; Soquel, Calif.
 Miller, Beverly J.; '61 ED; Auke Bay, Alaska
 Miller, Deobrah K.; '70 CLA; Edina
 Miller, Forrest W., Jr.; '63 BUS; Edina
 Miller, (Mrs. Forrest W.), Gail L.; Edina
 Miller, Jeffrey L.; '80 HE; Minneapolis
 Miller, Richard A.; '66 LAW; Minneapolis
 Miller, Stanley P.; '69 BUS; Daville, Calif.
 Miller, Theodore B.; '49 IT; Eagle River, Wis.
 Miller, Wayne G.; '50 BUS; Prior Lake
 Miller, (Mrs. Wayne G.), Maxine L.; Prior Lake
 Milos, John C.; '69 IT; W. St. Paul
 Minor, Marty A.; '81 ED; Cottage Grove
 Miraglio, Anthony C.; Minneapolis
 Mitchell, Mary Palmer; '48 NURS; Sun River, Ore.
 Moe, Dr. Alden J.; '71 GRAD; W. Lafayette, Ind.
 Moeckel, Jean L.; '70 NURS; Minneapolis
 Mohlke, George C., Jr.; '74 CLA; Naples, Fla.
 Moilanen, George L.; '77 GRAD; Costa Mesa, Calif.
 Moilanen, (Mrs. George L.), Sandra K.; '78 CLA; Costa Mesa, Calif.
 Moldan, James H.; '80 BUS; Edina
 Monson, Jeanne O'Hare; '78 CLA; Marietta, Ga.
 Montag, Mildred; '33 ED; Garden City, N.Y.
 Montillon, George D.; '41 IT; Cincinnati
 Moon, John C.; '71 CLA; Minneapolis
 Moore, Robert F.; '78 CLA; Eagan
 Morgan, Glen L.; '51 GRAD; Minneapolis
 Morreim, Leslie M.; '72 PHARM; Arlington, Minn.
 Morrill, John G.; '76 CLA; Richfield
 Morris, Leigh E.; '72 PH; La Porte, Ind.
 Mosher, Charles C.; '80 GRAD; Plano, Texas
 Mosher, (Mrs. Charles C.), Terryl O.; Plano, Texas
 Moss, Jerome, Jr.; Golden Valley
 Muckala, Dr. Kenneth A.; '67 MED; Wadena, Minn.
 Muellerleile, Gary; '75 CLA; Woodbury, Minn.
 Muirhead, Douglas J.; '78 LAW; Minneapolis
 Muirhead, (Mrs. Douglas J.), Faye Knowles; '78 LAW; Minneapolis
 Mulcahy, Thomas R.; '52 LAW; Arden Hills
 Mulligan, William R.; '65 CLA; Marietta, Ga.
 Mullin, Dr. Gerald T., Jr.; '58 MED; Minneapolis
 Munro, Robert W.; '70 GRAD; Minnetonka
 Munson, Winston E.; '54 LAW; Minneapolis
 Murphy, Anita J.; '52 GRAD; Vienna, Va.
 Murtaugh, Dr. Robert J.; '55 MED; St. Paul
 Myslajek, Timothy F.; '77 BUS; Champlin, Minn.
 Myslajek (Mrs. Timothy F.), Janet Bricker; '77 CLA; Champlin, Minn.
 Napoli, Patricia A.; '81 GRAD; Williston, N.Y.
 Nash, Dr. Allan N.; '63 GRAD; Beltsville, Md.
 Nathanson, Rosanne; '68 CLA; St. Paul
 Neiger, Regg D.; '74 VET M; Amers, Iowa
 Nelson, Bernard E.; '71 GRAD; Greenbush, Minn.
 Nelson, David A.; '71 AG; Minneapolis
 Nelson, Grant S.; '63 LAW; Columbia, Mo.
 Nelson, Dr. John H.; '70 DENT; Austin
 Nelson, Randal B.; '79 BUS; Peoria, Ill.
 Nelson, Ronald; '71 MORRIS; Huntington Beach, Calif.
 Ness, Richard G.; '46 BUS; Denton, Texas
 Ness, (Mrs. Richard G.), Betty MacMichael; '43 ED; Denton, Texas
 Newman, Mary A.; '79 GRAD; St. Paul
 Nielsen, Harold P.; '47 GRAD; Farmington Hills, Mich.
 Niesen, Michael D.; Bloomington



Arthur Poole '17 was, prior to his retirement, nationally known in maritime finance. In the 1930s, he joined American President Lines as Vice President, Treasurer and Director at the request of Joseph P. Kennedy, then Chairman of the United States Maritime Commission. Mr. Poole continues to play an active role in the financial world. He and his wife Helen, previously engaged in public relations, live in Palo Alto, California.

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 Arbor, Mich.
 Nordquist, Stephen G.; '61 LAW; N.Y.
 Norgaard, O. H.; '48 BUS; Red Wing, Minn.
 Norgaard, (Mrs. O.H.), Joan C.; '48 NURS;
 Red Wing, Minn.
 Norman, Robert H.; '41 GRAD; Faribault,
 Minn.
 Norman, (Mrs. Robert H.), Lil; '35 NURS;
 Faribault, Minn.
 Norquist, Kenneth; '44 CLA; Long Beach,
 Calif.
 Norstedt, Daniel A.; '72 GRAD; Eau Claire,
 Wis.
 Norstedt, (Mrs. Daniel), Laurie L.; Eau
 Claire, Wis.
 Norton, Judd W.; '76 BUS; Minneapolis
 Nowak, Vincent J.; '50 ED; Duluth
 Nyquist, R. Stanford; '64 BUS; Ann Arbor,
 Mich.
 Nyquist, (Mrs. R. Stanford), Marjorie O.; '58
 HE; Ann Arbor, Mich.
 Oberle, Ronald E.; '78 GRAD; Huntington
 Beach, Calif.
 Obert, Clare B.; '81 HE; Fargo, N.D.
 O'Brien, Mary C.; '79 CLA; Minneapolis
 O'Brien, Richard S.; '58 BUS; Lakebluff, Ill.
 Ogle, Dr. Sherman F.; '70 MED; Faribault,
 Minn.
 Ogram, Kenneth E.; '49 GRAD; Reston, Va.
 Oja, Gerald A.; '60 DULUTH; Duluth
 Okkelberg, David A.; '74 CLA; Minneapolis
 Okkelberg, (Mrs. David A.), Geraldine A.;
 Minneapolis
 Oklander, Dennis L.; '72 GRAD; White Bear
 Lake
 Olin, Dr. Gary J.; '63 DENT; Marine On St.
 Croix
 Olin, (Mrs. Gary J.), Lana E.; Marine On St.
 Croix
 Oliver, Dr. Richard C.; '53 DENT; St. Paul
 Oliver, (Mrs. Richard C.), Jacqueline L.; St.
 Paul
 Olmsted, Ross W.; '61 ED; Huntington
 Beach, Calif.
 Olsen, Jay R.; Robbinsdale
 Olson, Lt. Gerald A.; '79 BUS; Fort Lewis,
 Wash.
 Olson, Dr. Kenneth M.; '74 DENT; Moose
 Lake, Minn.
 Olson, Roger M.; '78 IT; Grand Junction,
 Colo.
 Orenstein, Rose L.; '48 ED; Minneapolis
 Orren, Harding A.; '46 LAW; Minneapolis
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 River, N.Y.
 Ostrow, Carol M.; '44 NURS; Bloomington
 Ott, Alice D.; '48 CLA; St. Paul
 Otto, Francis E.; '69 BUS; Glencoe, Minn.
 Otto, (Mrs. Francis E.), Barbara; Glencoe,
 Minn.
 Padis, Ted H.; '46 GRAD; Minneapolis
 Padis, (Mrs. Ted H.), Marjorie A.; Min-
 neapolis
 Page, Dr. Raymond L.; '26 MED; St. Paul
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 Wayzata
 Palmer, Robert J., Jr.; '79 BIOSC; Buffalo,
 N.Y.
 Papageorgiou, Jane Olmstead; '77 GRAD;
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 Paradis, Edward E.; '70 GRAD; Laramie,
 Wyo.
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 land, Calif.
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 Minn.
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 '52 ED; Fairmont, Minn.
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 neapolis
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 ford, Minn.
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 neapolis
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 CLA; White Bear Lake
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 ing, Minn.
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 adelphia, Pa.
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 Minn.
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 NURS; Leroy, Minn.
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 Bradenton, Fla.
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 Bloomington
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 Iowa
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 Minn.
 Poss, Dr. Peter; '57 VET M; Willmar, Minn.
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 Preston, (Mrs. James F.), Judith A.; '81 BUS;
 Minneapolis

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 Prom, Mary A.; '81 UCOL; Minneapolis
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 Schumi, (Mrs. Joseph R.), Winifred A.; '69 GRAD; St. Paul
 Schwartz, John R.; '73 IT; Plymouth
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 Whitney, (Mrs. Kenneth A.), Mary C.; '49 CLA; White Bear Lake
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 Zalk, Robert H.; '69 LAW; Minneapolis
 Zarnott, Wayne A.; '71 PHARM; Kandiyohi, Minn.
 Zbaracki, Dr. Thomas; '52 DENT; Duluth
 Zechmann, Susan K.; '81 HE; Minneapolis
 Zehren, Dr. Thomas J.; '70 DENT; Britt, Minn.
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 Zimmerman, John L.; '41 GC; Des Moines, Iowa
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 Zitnak, E. Anne; '63 CLA; New Brighton

ONCE OVER LIGHTLY

This originally appeared in the *Minneapolis Star's* "Just the Facts."

C. Peter Magrath

C. Peter Magrath has been president of the University of Minnesota for almost eight years. He shared some not-so-vital statistics about himself.

Age: 48.

Address: 176 N. Mississippi Blvd., St. Paul.

Salary: \$83,000.

Family: Wife: Diane Skomars Magrath, 38; daughters: Monette, 7; Valerie Ruth, 25, of Washington, D.C.

Family background: His mother was Italian and his father Irish. At least in his personal life, Magrath said he thinks he favors his mother's side of the family.

Height & weight: 5 feet 8½ inches, 136 pounds.

Eye color: Blue.

What does the C. stand for in C. Peter Magrath? Claude, after the Roman emperor Claudius.

Current reading: "The Rise of Theodore Roosevelt" by Edmund Morris; "Good-bye Darkness" by William Manchester.

Most prized possession: "My good health."

Most admired persons: Abraham Lincoln and Eleanor Roosevelt.

Wedding ring: A thick gold band.

Where clothes are purchased: Mostly through mail order firms, to save time.

Oldest memory or recollection: When he was 3 years old, Magrath visited Rome with his mother, a native of that city. He climbed up on a table in a relative's home and fell off.



Smokes: Cigars. "Any good ones I can get."

Favorite way to spend an evening: Dinner and a movie with his wife.

Favorite local restaurants: The Blue Horse and Caravan Serai, both in St. Paul.

Last movies seen: "Atlantic City," "Whose Life is It Anyway?" and "On Golden Pond."

Favorite magazines: Time, Saturday Review.

Favorite foods: Diane's spare-ribs.

Favorite drinks: Non-alcoholic: Strong coffee made from African

coffee beans; alcoholic: wine, not particularly expensive. He often serves Minnesota wines to dinner guests.

Favorite sports: Running — four miles per day.

Favorite running shoes: Reebok.

Favorite music: Romantic love songs, classical piano music and popular ballads.

Favorite time of day: Early morning.

Favorite movie actors: Richard Dreyfuss and Sally Fields.

Favorite comedian: Alan Alda.

Favorite snack food: Thick, Pennsylvania Dutch pretzels.

Rogue River Rafting Expedition

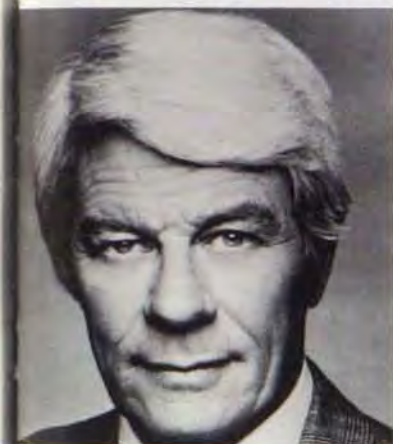
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As a new benefit to its members, the Minnesota Alumni Association is offering video cassettes of the popular "Matrix" television show, hosted by Peter Graves, '49, for viewing in your home.

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The Men's Gymnastics Team. | Veterinary Clinic
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