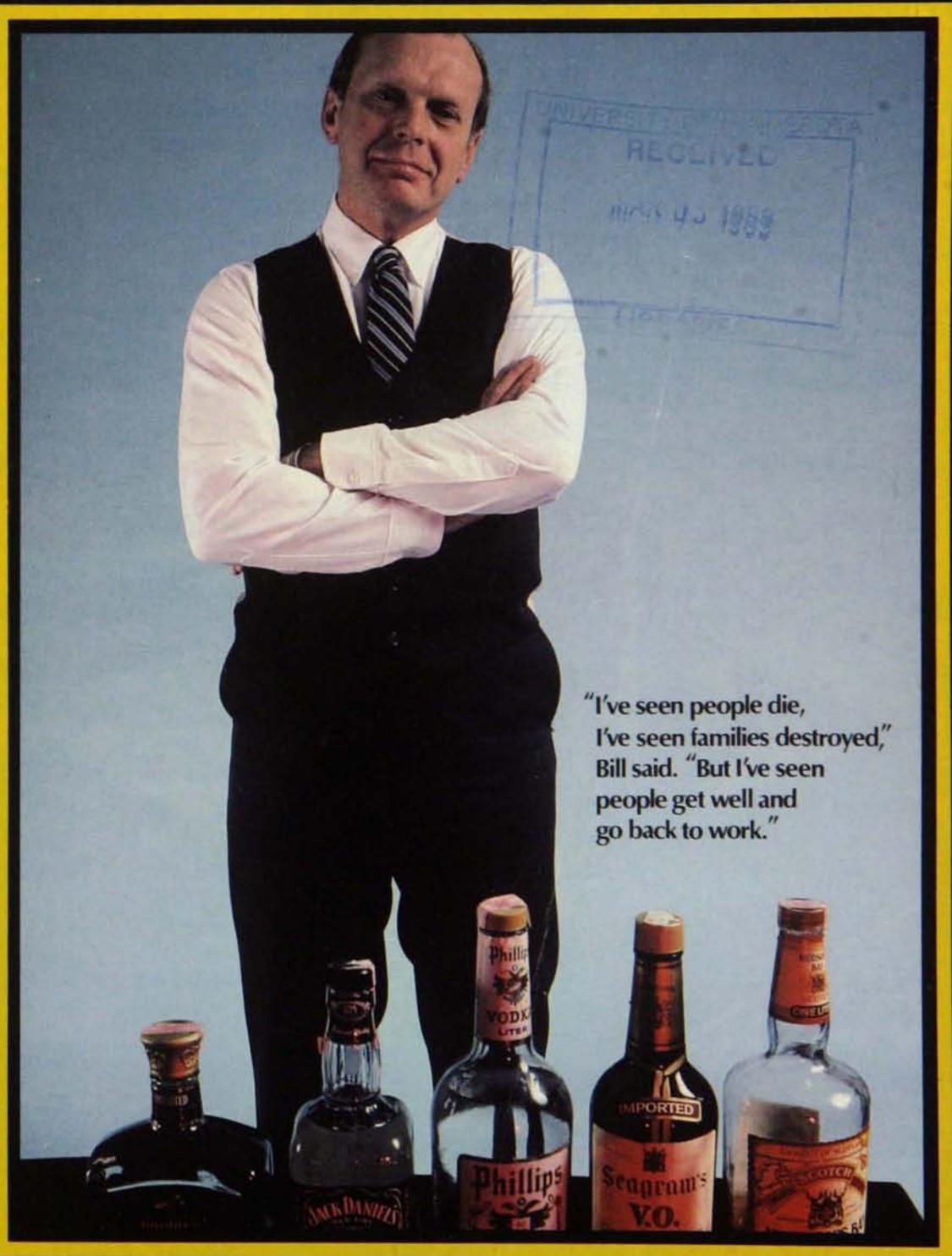


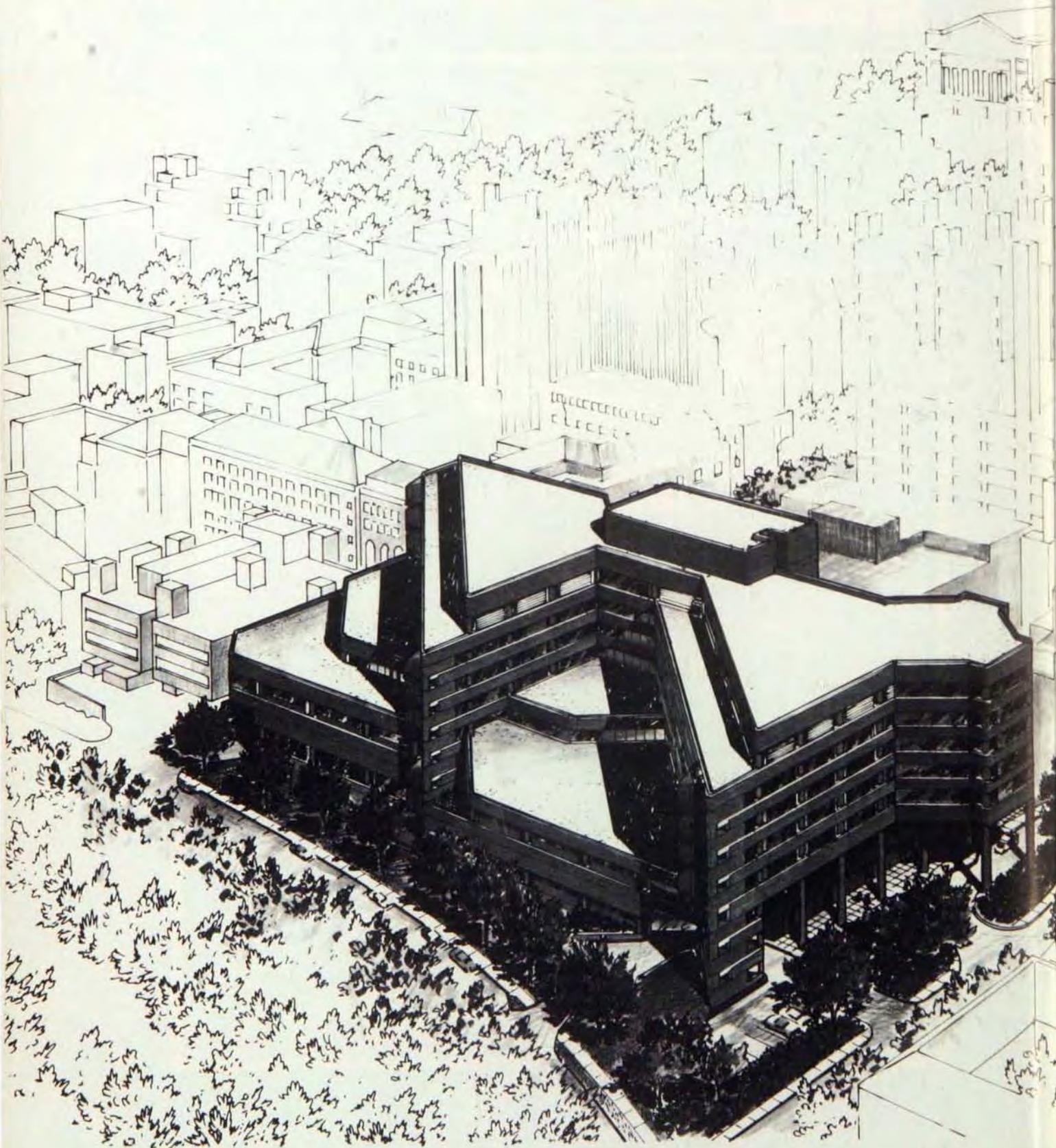
MINNESOTA

University of Minnesota Alumni Association

March 1983



"I've seen people die,
I've seen families destroyed,"
Bill said. "But I've seen
people get well and
go back to work."



MINNESOTA

March 1983

Volume 82 No. 5

Contents

Editor

Richard D. Haines, '76

Associate Editor

Chuck Benda

Assistant Editor

Bev Bachel

Graphic Designers

Alan Johnson, Linda Paulson

Photographer

Rob Levine

Minnesota Alumni Association Executive Committee

President

John W. Mooty, '43, '44

Vice President

Thomas E. Holloran, '55

Secretary

Pamela Lind Nichols, '67

Treasurer

Charles M. Osborne, '75

Members

Harvey Mackay, '54

Penny Winton, '74

William Pearce, '52

Emily Anne Staples, '50

Thomas Bergstedt, '52

William I. Fine, '50

Past President

The Hon. Diana E. Murphy, '54, '74

Executive Director

Stephen W. Roszell

Minnesota (ISSN: 0164-950), March, 1983, Number 5, is published monthly from September through June, except January and February, by the Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street SE, Minneapolis, Minnesota 55455 (612-373-2466). *Minnesota* is sent to the members of the Minnesota Alumni Association. Member of the Council for Advancement and Support of Education. *Minnesota* is a continuation of *The Minnesota Alumni Weekly* founded in 1901.



8 From The Bottom Up

by Chuck Benda

For every dollar the University of Minnesota invests in its nationally-recognized Chemical Dependency and Awareness Assistance program, it gets back 10 dollars and more.



12 Weathering Four Fiscal Storms

by Dick Haines

Minnesota Alumni Association alumni leaders and others turned out recently to hear the University president and others discuss the continuing battle with the budget.



14 Minnesota Voices

by Chuck Benda

Three of the 1982 winners of the Minnesota Voices Project are Minnesota alumni with first books published.

Departments

4 The Editor

6 At the 'U'

19 Minnesota Alumni Association

22 Colleges & Schools

26 Sports

30 Class Notes

38 Once Over Lightly

Cover: Bill Wyss, a recovering alcoholic, started a program to help other alcoholics and chemically dependent persons at the University of Minnesota and has watched it gain national attention. Photo by Rob Levine.

Inside Front Cover: The Department of Therapeutic Radiology is expected to move into Unit J, a new \$156.3-million replacement hospital under construction on the corner of Harvard Street and East River Road. The eight-story building, on the site of former Powell Hall, is expected to be completed in 1986. Artist's rendering by Ellerbe/Hellmuth, Obata & Kassabaum Inc., Bloomington, Minn.

THE EDITOR

'Juan's Choice'



Sophie and Johannes Riedel, shown in Germany before World War II, now have a son, Claude, and a grandson, Aaron, who live in Minneapolis.

I want to see the movie "Sophie's Choice" because Peter MacNicol is one of the stars and he is a 1976 University of Minnesota graduate.

But before seeing the movie, I started reading William Styron's book the movie is based on.

So recently I've had Sophie on my mind.

When I saw the University of Minnesota's new television series "Matrix" — featuring the "American Music Man," Professor Johannes Riedel, and his passion for American music, I watched and listened carefully.

His wife's name is Sophie.

"In 1938 the streets of Germany were clogged with army tanks and trucks as the Nazi regime geared for war," Judith Raunig-Graham, a University news service writer wrote in a recent interview with Riedel.

"Johannes Riedel was 25 years old, a student at the University of Berlin, and an anti-Nazi. His father was a German soldier, but his girlfriend, Sophie, was Jewish."

Riedel realized then that if he stayed in Germany he'd probably end up in a concentration camp or in the army

where he might be shot because of his views.

He was born in Neustadt, Poland, and because the quota for Polish immigrants to the United States was low, and because Sophie had a brother in Ecuador, he decided to move there.

He had to first tell the German authorities that he was going to meet his British fiancée in London and they gave him a passport.

For six months he worked in England digging ditches and working in the mines as he tried to find a way to get Sophie and her parents out of Germany.

Since his passport was about to expire, he sailed for South America on a British ship and then moved to Guayaquil, Ecuador.

In the meantime, Sophie stayed behind to help free her father from the Buchenwald prison.

She succeeded and with her parents moved to Ecuador where she married Riedel in 1939.

He learned to speak Spanish, developed a love for Latin music, and became known as Juan Riedel.

He moved to the United States in 1948, earned a doctorate in musicology

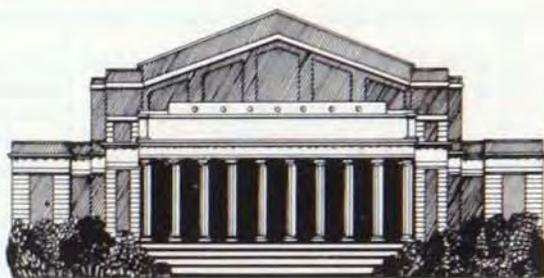
from the University of Southern California, and in 1953 — 30 years ago — moved to Minnesota and began teaching at the University.

Looking back, he started programs in church music and American music; conducted a popular 10-part television series that has been shown on public television in the Twin Cities; and more recently has been working on a television show for the Public Broadcasting System on Chicano music and art.

"Class with him was so enjoyable it was almost not a class," Steve Savre, a former student, said. "It was more like his own living room with 50 people there whom he was entertaining. He was so animated and an excellent lecturer. He never used notes. He just talked for three hours. He obviously loved his topic and was excited about what he taught. He always had that little twinkle in his eye."

Riedel will retire this spring.

And when I finish *Sophie's Choice* it is going right next to another one of my favorite books on my library shelf — *The Art of Ragtime* by William J. Schaffer and Johannes Riedel.



THE UNIVERSITY OF MINNESOTA
F·O·U·N·D·A·T·I·O·N

Investing in public higher education is an investment in the future—the future of the University, the state, the nation and, through planned giving options, your own future too.

The University of Minnesota is state-assisted but not state-supported, which means that private support is vital for its continued success. Only about one-third of the University budget is provided by the state. Now, more than ever, private giving is absolutely necessary if the University is to continue its pursuit of excellence in public education.

The University produces a tremendous return on the private investments it receives—foremost, it provides a well-educated populace and able leaders for our society. The work of Minnesota faculty, students and graduates has led to innovations in medicine, technology, agriculture and to new trends in politics, arts and communications. We see evidence of the University's impact every single day.

The University's most essential resource is people. As a member of the Minnesota Alumni Association, you already have made a personal commitment to the University. Your active friendship is an invaluable resource that builds a stronger University. Becoming a donor advances your commitment in an important way. Private gifts make the University great. They create scholarships and professorships and support special study programs and research opportunities—these privately funded proj-

ects provide the "margin of excellence" so necessary for a great university.

During the past few years, so many individual alumni and friends have recognized the importance of investing in the future that the University of Minnesota has attracted more private support than any other public University in the United States. Some of these donors never expected to give so generously but found there was not a more secure or significant investment option around. You may have a special interest that you would like to help at the University. The University of Minnesota Foundation can advise you on the best way to do so.

Some gift plans, in addition to supporting our work, offer the donor substantial benefits. Besides a direct tax deduction, an investment can offer you secure, partially tax-free income after retirement or enable you to avoid capital gains taxes on appreciated securities.

Here are a few options you may consider:

Life Income Gifts may give you and your heirs an income stream while helping the University. The donor gives cash or other assets to the University of Minnesota. These assets are then invested and the donor or beneficiary is paid a percentage or fixed amount annually. Upon the death of the last beneficiary, the assets revert to the University to be used for any specific purpose the donor designates. There are several types of life income gifts, all of which provide a charitable tax deduction.

• **Pooled Income Funds:** Gifts from various donors are pooled for investment, with donors assigned units in the fund. Individual income is determined according to the number of units held.

• **Gift Annuities:** At the time of the gift, the donor and the University agree on an annual dollar amount to be paid based on the value of the gift. A part of this income may be excluded from income tax.

• **Unitrusts:** When giving, the donor decides on a fixed percentage of the trust's assets to be paid each year according to current valuation. Since the size of the payment varies according to the value of the trust's assets, the unitrust can be an excellent hedge against inflation.

• **Deferred Payment Gift Annuities:** Donors wishing to postpone income payments may give assets to the University and arrange for a fixed annual income to be paid starting at a later date—at retirement, for example.

Bequests are another source of many important gifts to the University of Minnesota. These gifts are fully deductible in figuring both federal estate taxes and state inheritance taxes. Donors may assign either specific assets or a percentage of an estate to the University or to a specific program.

Please call or write us for more information about these various planned giving options, and let us help find the right way for you to invest in the future.



Call John Ryan or Craig Wruck
Collect (612) 373-9934
120 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455

AT THE 'U'

Judge Rules *Daily's* Rights Weren't Violated

U.S. District Court Judge Robert Renner recently ruled that the University of Minnesota did not violate the constitutional rights of the *Minnesota Daily* when it changed the students' fee for the newspaper from mandatory to refundable upon request.

The *Daily* alleged that the change in fee collection was retribution for a June 1979 "humor" issue, which was roundly criticized for being obscene, racist and anti-religious. After the University regents changed the fee collection system in May 1980, the *Daily* filed a lawsuit claiming the action violated its right to freedom of the press under the First Amendment and state constitution and the rights of due process and equal protection under the Fourteenth Amendment.

Renner ruled that none of these rights was violated and ordered the *Daily* to pay the University some of its legal expenses.

"I am pleased with the outcome because the regents and I are strongly committed to the First Amendment," said university President C. Peter Magrath, who along with the regents was a defendant in the suit. "Freedom of speech and expression are bedrock in a university, and Judge Renner's opinion confirms that these vital principles have in no way been impaired by the fee change that gives students a choice about supporting the *Minnesota Daily*."

Two Scientists Newest Regents' Professors

Two University of Minnesota faculty members were designated regents' professors — the University's highest faculty rank — by the Board of Regents.

Chemistry professor Bryce L. Crawford Jr. and Margaret B. Davis, professor of ecology and behavioral biology, joined a select group of 17 other active regents' professors at the University. The honor includes a \$5,000 annual

stipend from the University of Minnesota Foundation.

Both Crawford and Davis already belong to the nation's most prestigious group of scientists — the National Academy of Sciences.

Last year Crawford was awarded the highest national honor in chemistry, the Priestley Medal from the American Chemical Society. He is one of a small group who belong to the NAS, the American Academy of Arts and Letters, and the American Philosophical Society.

Crawford joined the University faculty in 1940, after teaching at Harvard and Yale universities. His classic early research on rocket propellants contributed to World War II rocketry and helped lay the groundwork for the space program. He is best known for his work in molecular spectroscopy. By recording the reactions of molecules to light and radio waves, he pioneered the understanding of molecular structures. His techniques have helped chemists identify unknown materials.

Crawford was dean of the Graduate School from 1960 to 1972.

Davis came to the University in 1976 from Yale University. A world authority in the field of paleoecology, Davis developed a technique — now widely accepted — to use fossil pollen to find out how many plants actually grew at the time the pollen was released. Davis has used this technique to investigate the 15,000-year history of tree migration across the eastern United States.

Davis chaired the department of ecology and behavioral biology from 1976 to 1981. She is the second woman to be named a regents' professor.

Regents' professors are chosen by an anonymous committee of nine professors. There have been 39 regents' professors named since the honor was established in 1965.

Humphrey Institute Selects Human Relations Consultant

Human relations consultant Vivian Jenkins Nelsen of Minneapolis has been named administrative director of the University of Minnesota Hubert H.

Humphrey Institute of Public Affairs, one of the top three positions at the institute.

"The Humphrey Institute is fortunate to have Ms. Nelson as its top administrative officer," Harland Cleveland, director of the institute, said. "Her experience in managing sensitive matters and in promoting equal opportunity and the range of experience she brings to the job are excellent auguries for the many unprecedented problems she will help us solve in developing this unprecedented institution."

The institute, considered the late Sen. Humphrey's living memorial, operates a graduate program for students planning careers in public affairs, a leadership program for mid-career professionals and a program of public lectures and seminars and also conducts policy research and analysis.

Nelsen served for seven years as director for missions in communities for the national office of the American Lutheran Church.

Nelsen said she is pleased to have joined "an organization dedicated to the study of issues whose effects range from our individual daily lives to the future of the planet." She said she is committed to studying the issues of justice that affect the poor, women, and minorities.

A native of Selma, Ala., Nelsen received a bachelor's degree in performing arts from Dana College in Blair, Neb., in 1965. She moved to the Twin Cities in 1967 and worked in human relations for several area colleges, including Hamline University, Augsburg College, and the University of Minnesota.

Schwartz Named Hospitals Director

The new director of University Hospitals and Clinics is C. Edward Schwartz.

Schwartz, 42, was chief operating officer of the University of Michigan Hospitals, a 1,000-bed referral center in Ann Arbor. He replaces John Westerman, who resigned last January to become president of Allegheny General Hospital Corp. in Pittsburgh.

Neal A. Vanselow, vice president for health sciences, said Schwartz's background — especially his deep involvement in the University of Michigan's hospital replacement project — will

greatly benefit the University as it undertakes its own \$125 million hospital renewal. "His expertise will also be advantageous in dealing with cutbacks in Medicare and Medicaid funding and in helping us keep costs down at University Hospitals," Vanselow said.

Schwartz, a native of Indianapolis, earned a master's degree in hospital administration from the Washington University School of Medicine, St. Louis, in 1968. He also has a master's of divinity degree from Methodist Theological School in Delaware, Ohio.

Graduate School Picks Holt Dean

Robert T. Holt is the new dean of the University of Minnesota's Graduate School.

Holt, who succeeds Warren E. Ibele who had been dean since 1975, has been a faculty member of the Department of Political Science since 1956. He was named full professor in 1964 and served as department chairman from 1978 to 1981. He has also been active in faculty governance, serving on a number of committees of the University Senate.

Holt was born in Caledonia, Minn. He graduated from Patrick Henry High School in Minneapolis in 1946, and is a 1950 magna cum laude graduate of Hamline University in St. Paul. He earned a master of public affairs degree from Princeton University in 1952 and a doctorate from Princeton in 1957.

Holt has written five books on politics, economics and foreign policy, three of which he wrote with John E. Turner, University Regents' Professor of Political Science.

Women's Project Gets \$85,000

A new project aimed at helping women gain economic independence has received an \$85,000 boost from donations made to the University of Minnesota Hubert H. Humphrey Institute of Public Affairs.

The donations were awarded by the Pillsbury Company Foundation, Cather-

ine Cramm of Maple Plain, Minn., and an anonymous woman donor to the institute's project called Women, Public Policy and Development.

The project is two-pronged with domestic and international components, said project director Arvonne Fraser, a senior fellow in research and public policy at the institute. Fraser is currently studying international women's organizations and their influence on public policy.



Job Dissatisfaction May Make You Ill

Employees dissatisfied with jobs they feel helpless to change are more likely to develop health problems than those who feel they can change their work, an industrial relations professor currently at the University of Minnesota has found.

Joseph G. Rosse, a visiting professor at the University's School of Management, found that employees deal with unhappiness with their jobs by adapting — for the better or for the worse. Those who adopt a positive approach attempt to change the disagreeable aspects of their jobs. But the more frustrated

workers who feel helpless to change the system elect to adapt in negative ways — arriving late, leaving early, taking longer breaks, missing work more often or even quitting.

"The results of this part of the study suggest that employers should strive for an atmosphere where change is welcome," said Rosse, who is working at the University's Industrial Relations Center while on leave from the University of Colorado. "If employees sense that it is possible to effect change, they tend to register greater job satisfaction."

When employees feel they cannot alter their jobs, they will report increasingly higher numbers of symptoms of health problems, Rosse said.

Rosse's study looked at 42 new hospital employees who were interviewed 10 times during 23 weeks. Symptoms of health problems reported by 21 employees who eventually quit their jobs increased by 95 percent before they resigned. The most frequently reported symptoms included physical and mental exhaustion, headaches, trouble getting up in the morning, depression, neck and lower back pain, and the inability to fall asleep and to remain asleep.

Previous research has found that people are less likely to quit or to be absent from their jobs during periods of high unemployment. "Consequently, health disorders are probably higher during the current recession and this period of high unemployment," Rosse said. "In addition, during tough economic times, employers may be less interested in increasing benefits and providing tangible incentives to increase job satisfaction since the turnover rate is relatively low during this period. However, when the economy turns around, employers may find problems surfacing at a fairly rapid rate."

But, Rosse said, the results of this study, which sampled only hospital employees, aren't applicable to the work force in general. Hospital employees are probably less likely to sabotage their work environment because their jobs can deal with life and death. Absence, tardiness, drinking on the job and taking long breaks probably show up less among hospital employees than with workers in general. Rosse said he expects his future studies will probably find an even higher correlation of health problems and job dissatisfaction in other work settings.

FROM THE BOTTOM UP

by Chuck Benda

In 1974, Bill Wyss lay on the floor of Stillwater State Prison, dying. Bill worked in special education at the state prison. Prolonged and continued use of downers had sent him into convulsions. He stopped breathing; his heart stopped beating.

An inmate pounded on his chest. Two of Bill's ribs cracked from the force of the inmate's blows, but Bill's heart started beating again; he began to breathe. President Richard Nixon

logues" go. In fact, somewhere between 3,000 and 5,000 employees at the University of Minnesota, have lived or are living the same nightmare — with one exception. They have someone to help, thanks in part to Bill Wyss and the program he started at the University: Chemical Dependency and Awareness Assistance.

"I owe my life to Bill Wyss," said a woman I will call Ellen who wished to remain anonymous, not for her sake,

destructive force, ruining her life and the lives of those around her.

"I spent a decade drinking the boys under the table," Ellen said, "then around Christmas 1979, the bottom fell out." One of the symptoms of advanced, chronic alcoholism is a sudden decrease in the alcoholic's tolerance for alcohol. Where once Ellen had indeed been able to "drink the boys under the table," she suddenly found that one or two drinks left her extremely intoxicated and often produced blackouts. A



Bill Wyss.

awarded the inmate the "Presidential Red Cross" award for saving Bill's life. Bill was fired. His addiction to placidyl, a sedative, and other mood-altering chemicals, including alcohol, had cost him his job, his sanity, and would very nearly take his life one more time before he would start on the road to recovery.

His story is not unique, nor even particularly dramatic as far as "drunka-

but for the sake of her children and the department for which she works. She said that there are many aspects of her story that some people might not understand. After a long and disastrous drinking career, she has no desire to risk hurting herself or others any more. Ellen has worked at the University since 1975. During all of those years except the last two or so since she quit drinking, Ellen's alcoholism was a major

blackout is a condition in which an alcoholic may appear to be functioning relatively "normally" to others, but is in fact unaware of what he or she is doing. Blackouts may last anywhere from a few minutes to several days. Alcoholics have been known to travel across the country in blackouts, visit friends, call on clients for work, and return home, remembering none of their activities when they came out of the blackout.

After one blackout, Ellen was charged with driving while intoxicated and informed that she had had a serious automobile accident. Her car had been totally demolished.

"I was no longer able to deny that I might have a problem with alcohol, so I began to try to control my drinking," Ellen said. It was a battle she could not win.

She had already begun to alienate her friends and family. She continued to do so, pushing herself further into the loneliness and solitude that so often confront the alcoholic. She began to miss work more frequently, often using her children as excuses for tardiness. "My daughter has a sore throat," she would say to her supervisor. "I have to take her to the doctor and can't make it to work until 11 a.m." Fellow workers began to cover for her and often had to do more than their share to make up for the work Ellen could no longer do.

Although her work performance suffered greatly, her personal life was a far more terrifying nightmare. Most alcoholics will hang on to their jobs, long after the rest of their life has gotten out of control. They need the money to go on drinking, and they need the illusion of being in control of their lives.

Ellen began to see demons in her bedroom. She spoke to them. They sat in the chairs at the foot of her bed. They gave off a stench that Ellen could smell as vividly as the smoke from her cigarettes. She feared them greatly and did her best not to anger them, for she knew they were powerful and evil. If anyone tried to sit in the demons' chairs, Ellen would chase them away, fearing the demons' awful retribution.

One night Ellen was attacked and raped. She shrugged it off. Lots of women get raped. She figured it was normal. Thoughts of suicide were a "normal" part of Ellen's life, too. "One of the most frightening things was that all of the consequences of my drinking (the automobile accident, the DWI, the demons, the rape) seemed a normal part of my life," Ellen said.

At last Ellen's daughter, fearing for her mother's life, called the police. Eventually Ellen called Alcoholics Anonymous for help and discovered that the University of Minnesota had a program already in place to help her. She was given Bill Wyss's telephone number. Bill picked her up and brought her to her first AA meeting, one of five regular AA meetings held on campus at

the University of Minnesota. He kept after her to get to meetings and to get involved.

Her life began to change. She was no longer missing work because of hangovers. She stuck with the same job for a year as a means of paying back the people she worked with for everything she had done. She worked long and hard. After a year, she moved on to a better job at the University.

"It used to be, if I made a bed at home, I expected people to cheer," Ellen said. "Now I'm a better employee. I enjoy carrying through, being responsible, meeting my commitments. I enjoy working here and work to strengthen the University. I have a lot of loyalty to the University and engage in a sort of private public relations campaign."

Alcoholism is an "equal opportunity disease" affecting people from all walks of life, men and women alike.

Ellen now speaks before other alcoholics. She is eager to let people know that alcoholism is "an equal opportunity disease" affecting people from all walks of life, men and women alike.

"Before I just sat around and bitched," she said. "Now I can use some of my energy in a positive way. My income is still about the same. I'm still a single parent. I have an old house that still needs a lot of repairs, but my attitude has changed. I live in reality now. I look around me, and what I see looks good."

Ellen feels a lot of gratitude toward the Chemical Dependency and Awareness Assistance program at the Uni-

versity. She said that she was especially comforted to know that all of her problems were handled with the strictest confidentiality. Few people know of her alcoholism. It is not on her employment record. And she truly believes that Bill Wyss saved her life.

"I'm not a blind admirer of his (Wyss). He's human. But when you're talking about this program, you're talking about Bill."

After Bill was fired from Stillwater, he was unemployed for six months. During that time he went through treatment for his chemical dependency — twice. The day he got out of treatment the first time, he got high. Ten days later, they wheeled him in in a wheelchair, uncertain of whether to commit him to treatment again or to put him in the psych ward. His wife said, "If you put him in the psych ward, you'll never get him out. He'll love it with all those drugs they give out." So they put him in treatment again. The second time, something caught and Bill stayed straight.

A recovering alcoholic working at the University agreed to give Bill another chance, after spending an afternoon talking with him. He helped Bill get a job with the food service in Middlebrook Hall. After working there a year, Bill got a job in property accounting at the University.

"I used to get around and check on the equipment in different departments," Bill said. "I got to know a lot of people in the physical plant and support services. One day a guy asked me what he could do to help a friend who was drinking too much."

Bill made a few suggestions and the man was able to help his friend. Gradually the word spread, and Bill found himself spending more and more time helping people who were having problems with alcohol and other drugs. In 1977 Bill and a few other recovering alcoholics started an informal volunteer program to help suffering alcoholics. During a period of time, some of the other volunteers drifted away and Bill was spending as much as 40 or 50 hours a week helping alcoholics and other chemically dependent people. Because of the success of the program and because Bill was finding it impossible to handle his own job and the volunteer program, a position was established for

a coordinator for the Chemical Dependency and Awareness Assistance program and Bill was given the job. The first year, 1980, the physical plant and the University's office of Alcohol and Other Drug Abuse Programming provided \$20,500 to run the program. In 1981 the budget was increased to \$26,000. During the first three and a half years, the program saved the University nearly \$600,000. Since the program was run strictly on a volunteer basis for a little more than two years of that time, the University got back nearly \$30 in decreased employee absences and increased productivity for every dollar it invested in the program. Today the program is funded at \$36,000 a year. At that level, the University still gets back \$10 in "hard money" for every dollar invested. That figure does not take into consideration the indirect benefits such as improved morale and increased productivity of fellow employees of the alcoholics who no longer have to cover for their cohorts and are thus able to do their own jobs better. Nor does it include the countless employees who take advantage of the program through their own initiative.

Part of Bill's job is to increase awareness of chemical dependency and the way it affects employees and their co-workers. He does this by showing films and speaking to supervisors and distributing literature around the University. During the past several years Bill has gone through in-service training programs at several chemical dependency treatment centers around the state and across the country.

Another part of Bill's job is to evaluate employees who are referred to him by supervisors who suspect that their employee's poor job performance may be due to a chemical dependency problem. By law, an employee cannot be fired for chemical dependency, since it is recognized by the American Medical Association as a disease. Instead, Bill recommends treatment for those employees who have a problem. If the employee refuses to get help, or goes through treatment, but starts drinking or using chemicals again and his or her job suffers as a result, the employee is fired. In the first three and a half years of the program, 67 employees were referred for treatment. Of that number, 60 completed treatment successfully and returned as productive employees. Seven were fired.

In addition, many employees seek

help on their own. Some may seek treatment, or get help through agencies outside the University, but many join the AA groups that have been established on campus. There is no way to measure the savings afforded the University in this way. Many students have also taken advantage of the program. Although the program exists primarily for employees, and has been supported whole-heartedly by the local Teamsters union, no one is turned away.

The greatest savings of all — that of the personal anguish of the suffering alcoholic — is immeasurable. People have knocked on Bill's door — from faculty members to administrators to janitors — ready to commit suicide, ready to do anything to end their suffer-



ing. Bill confronts each encounter in a different way. Sometimes he is gruff and abrasive, sometimes patient, tolerant. He has to play his hunches, using a sort of sixth sense developed from his own intimate knowledge of the disease and his experience helping others.

A man once came to his door and threatened to slit his wrists.

"Go ahead," Bill told him. "But do it out in the hallway, please. It will be easier to clean up. I don't think blood stains will come out of the carpet very well."

The man sat down and started to talk. The first step had been taken.

"I've seen people die, and I've seen families destroyed," Bill said. "But I've

seen the flip side of the coin, too. I've seen people get well and go back to work."

Perhaps the most effective work Bill does is on a one-to-one basis. Once people have gone through treatment, they need someone to check in on them, to see that they get to meetings, make new friends. Bill is available to these people almost 24-hours a day. And even then, he hasn't enough time to get to everyone. That is where the volunteers come back into the picture. People like Ellen and others who, once they have achieved a sober life style of their own, turn to help others. And people like Jim Holte.

Jim Holte is an associate professor of electrical engineering at the University and an alumnus of the classes of '53, '55, and '60. When Jim was still drinking, some 10 years ago, his day started with a trip to the liquor store where he would buy some wine. For four years he never came to work without a wine bottle in his briefcase to help him make it through the day.

Although his drinking was not out of control yet in 1960 when he got his doctorate, Jim remembered an incident that was one of the first clues that drinking was a preoccupation in his life.

"At my doctoral party I remember beaming at the refrigerator because it was packed with beer," he said. "I thought that that was the pinnacle of success."

Holte began to have trouble obtaining research grants. His drinking was getting heavier. He got out of research and got into planning programs for professionals through the extension office. With two offices and two sets of responsibilities — teaching and planning — Jim developed a work style that was elusive enough to continue his drinking unnoticed. He managed to pace himself and pull off enough successes in his planning to keep going. His students suffered, his administrative work suffered, but his drinking flourished, despite the fact that his first wife and his family left him. He doesn't romanticize his drinking career.

"I was just a street drunk," Holte said. "The low point in my career came when I dropped a bottle of vodka on the floor outside my office. I remember zooming into the men's room and scooping up armfuls of brown paper towels to clean it up before anyone

came by."

Remembrance of that day, on his hands and knees on the floor, trying to wipe up that vodka, still makes Holte wince. Soon after that he called his boss and told him he couldn't go on. He got involved in Alcoholics Anonymous in 1969. In 1972 he started drinking again. That time he went into treatment and when he came out he managed to hold on to his sobriety.

When the Chemical Dependency and Awareness Assistance program started in 1977, Holte was one of the volunteers helping Bill Wyss. Today Jim is still active as a volunteer, working to establish a similar program specifically for faculty members.

"I think that help starts at a grass roots, peer-group level," he said. "Bill's program is the only kind of program that I think works — where you have someone come from the bottom up, working with people, getting them into treatment, and following up on them."

He thinks there is a need for a separate program for the faculty, although faculty members are included in the current program. Holte thinks Bill is swamped as it is. He is working with a volunteer program for faculty members called Faculty Alcohol and Drug Assistance.

There is another volunteer involved in the Chemical Dependency and Awareness Assistance program at the University; a man with a face and name familiar to many Minnesotans and football fans across the country; Carl Eller. Carl Eller, the former Minnesota Viking, one of the original Purple People Eaters, Carl Eller, former all-pro (five times), member of four Super Bowl teams, Carl Eller, former Gopher and member of the last two Gopher teams to go to the Rose Bowl. Carl Eller, former cocaine addict and a man who, at the height of his career, made \$100,000 a year and more, and came away from it empty-handed, all because of chemical dependency.

"It's hard for me," Eller said. "Sometimes I don't want to accept what happened to me. I am still awed by the fact that all this happened. There I was, on top of the world, and all that was taken away from me."

Eller met Bill Wyss at one of the speaking programs at the University.

"It was through Bill that I got in-

involved with the University and with the teamsters. I saw a lot of the work he was doing; saw a way in which I could become involved and a way I could really do some things to help people. It kind of got me started."

That was in 1980 when Eller was first out of treatment and a little shaky about his life.

"Bill's a real honest, straight-shooting guy and he kind of keeps me level-headed. That's what I needed then. I'm a guy that has suffered a lot of losses; that has had a lot of pain. It's not easy. It's starting over and it's all uphill. I don't know that many people realize what a person loses through chemical dependency."



"I think it's unfair that I didn't get help (sooner). I wasn't in isolation. There were people around me all the time. I think that one of the most painful things about the disease was that none of these people came forward and confronted me and made me look at the disease and the fact that there was something wrong with my life."

"I'd like to think that I would have responded if someone would have confronted me," Eller said. "I think that the University has a responsibility (to help its employees)."

Today Eller works for the National Football League as a consultant on drug abuse. He talks to people, he tells his

story, and he lets it be known that covering for the alcoholic or drug abuser is not helping them, but rather enabling them to continue to destroy themselves. He also works for the local teamsters union, but his "work" at the University is as an informal volunteer.

He speaks to the athletic teams, he keeps in close touch with Bill Wyss, and he shows up at AA meetings on campus. His celebrity status allows him to reach people where others might not be able. Eller knows this and uses it to advantage where he can. Otherwise, he is just one among thousands.

Alcoholism and chemical dependency respect no barriers — neither age nor sex nor race nor occupation. Nor level of education. The University is a microcosm, containing a little of almost everything found in the rest of the world, including its share of alcoholics and chemically dependent people. Nationwide, estimates place the number of alcoholics and chemically dependent people at somewhere between 10 and 20 percent of the population. The same statistics apply to the University. Fortunately, the University is doing something about it. Its program has been so successful that Wyss has been invited to institutions around the country and in Europe to present lectures and papers.

CDAA is just one of approximately a dozen programs at the University that are designed to assist people with such problems. Some are for students; some for employees. Some are geared more toward education and awareness, others toward intervention.

It is an area in which the University is a national leader, both in terms of progressive business management, and in terms of meeting the moral responsibilities to the people that make up this institution. **AA**

Editor's note: The telephone number for CDAA is (612) 376-3332. The number for FADA is (612) 376-1388. Further information on all of the programs for drug and alcohol abuse can be obtained from the University's office for Alcohol and Other Drug Abuse Programming, (612) 376-3150. The time and location of on-campus meeting of Alcoholics Anonymous is available from Alcoholics Anonymous Intergroup, Central Office (612) 874-1447.

WEATHERING

4 FISCAL STORMS

by Dick Haines

Those who believe that everything is going to come out okay if we just weather the current fiscal storm are dead wrong.

C. Peter Magrath
President, University
of Minnesota

"I'll get right to the point," University of Minnesota President C. Peter Magrath told 210 alumni leaders at a recent special meeting sponsored by the Minnesota Alumni Association at the Minnesota Alumni Club, Minneapolis.

It's not the University of Minnesota that is on the line, he told them. "It certainly isn't my reputation . . . or the regents . . . or the colleagues I work with. What's really on the line is the welfare of the State of Minnesota, its vitality and its life as a center of creative and economic opportunity. That is the ultimate issue here."

Thus the president and Stanley Kegler, vice president for institutional relations once again explained to alumni and friends the fiscal plight of the institution.

A crisis-type meeting was held Jan. 6, 1982, at the Alumni Club where the president discussed the University's position and responded to questions relating to the budget.

During the late 1970s, the fiscal climate of the state changed and when it did the University also was affected.

"I think we can describe the 1980s, so far," the president said, "as having warning signals to an absolute blizzard."

There were no less than four storms that affected the institution, he said.

The first goes back to the summer of 1980 when the state had a nearly \$200



More than 200 alumni leaders were on hand at an MAA-sponsored gathering to hear about the fiscal problems facing the University.

million shortfall and the University lost \$17 million.

The second storm took place in the winter of 1981 when the state was short \$768 million. The University lost another \$26.5 million.

In the spring of 1982 the University lost another \$750,000, during the third fiscal storm.

Then in December 1982 the University experienced its fourth storm "when the University lost \$3 million and a cut in pensions for civil service and faculty members."

The bottom line is this: in the last two years, not going back to 1980, the University has lost more than \$53 million of the appropriation that it started with on July 1, 1981.

Moreover, the University has lost 10 percent of the state appropriation in the current biennium and the "disturbing news is the current biennium is not over yet; there are still a few months to go and nobody is terribly confident about the projections," Magrath said.

The president said if the state is going to avoid a continuing cycle of economic hard times the rest of this decade and into the 1990s, "it will have to invest in

the great center of creativity, which is represented by the University.

"We now go into a new legislative cycle with the new legislature and with Governor Rudy Perpich. We are asking for some increases; primarily we are hoping to retain intact that which we have left."

The University is asking for a 6.5 percent increase — \$92 million — and at the same time is asking the state to make an investment in microelectronics, mineral resources research, the study of plant biomass for energy, along with research in the veterinary diagnostic laboratory, health sciences, and agriculture.

"We also are trying to address the faculty salary problem because we think it's critical in every respect," he said. The University will ask for an eight percent faculty salary increase the first year and a nine percent increase the next year.

The \$92 million request was explained by Stan Kegler as follows: \$29 million would be used for heat and lights and disposal of hazardous waste; \$42 million would be used for salaries; and \$21 million would be used for the

TOM FOLEY

research investments listed previously by the president.

"So all we are seeking out of that \$92 million by way of new efforts is \$21 million," Kegler said, "and remember on a base of \$550 million, it is not a very sizeable increase."

The \$21 million increase, he said, is the smallest, "most meager by far increase we have ever sought of any legislative body. It represents about one-fifth of what our deans think is necessary to keep this a first-rate university."

Highlighting for the alumni audience the contributions the University makes to the state economy, the president gave an example of the relationship between the University and high technology industries.

"The problem . . . is that virtually every state in the nation . . . is talking about high tech and how wonderful it is and how they have to get into the act and be very competitive and attract high tech industries."

A recent study by the U.S. Joint Economic Committee attempted to answer the question: "What is it that attracts a high technology industry into coming into an area?"

"The Midwest, including our state of



Two dentists attending included Dr. Richard Wright, '58, left, and Dr. Paul W. Koch, '27.

Minnesota, ranked no better than fourth," the president said.

The composite rank, however, ranked the Midwest first.

The report noted that the overriding concern of most high tech companies is "to find a nest of skilled technicians and well-trained professionals looking for work and those nests are often found near top universities."

Two out of every three scientists who work in Minnesota's two-billion-a-year high tech industry received their training at the University of Minnesota.

"It's just as clear that we will take ourselves out of the competition for high tech companies if we slight the in-

tellectual center that attracts those corporations," he said.

"We are starting to seriously short change that intellectual center."

The president said hundreds of students can't get into oversubscribed courses in computer science, engineering, and mathematics.

The president also noted that during the last three to four years the University has added the equivalent of a student body the size of Moorhead State University "without any additional state appropriations."

When the budget crisis first hit, the president said there were some skeptics who said he (and the University) was crying wolf.

"I was indeed crying wolf and I will continue to cry wolf when there are fiscal wolves attacking the integrity and ability of the University to do its work. I don't believe in crying wolf when there are no wolves around. I also believe that you have a responsibility to say there is a wolf out there, if in fact one is trying to get into the University, and is impairing its ability to operate."

'But . . . Mr. President —'

Following the comments by University of Minnesota President C. Peter Magrath and Stanley Kegler, vice president for institutional relations, alumni leaders submitted written questions.

Although more than a dozen were handed in, time did not permit the president or vice president to respond to all of the questions. Here are a few of the representative questions asked with the responses, which have been edited and which feature mainly the president:

Q. If tuition by students covers only 10 percent of the total cost of instruction, why not raise this amount as the private colleges cost 10 times more?

A. That 10 percent understates dramatically the student's contribution to the cost of instruction. It helps make a good point that the percentage that relates to the state appropriations has no direct relationship to instruction. Students contribute about 32 percent of the cost of their education, one of the highest tuitions for a public university like the "U." Our tuition level should be less than the private schools.

Q. Why not charge non-residents a much higher tuition than residents?

A. Non-residents pay 275 percent more than the resident tuition rate at most of our colleges. But we want to reduce the out-of-state amount because

we are losing out in competition for first-rank graduate students from other states.

Q. Is the University thinking about concentrating upon upper division and graduate studies and having undergraduate freshmen and sophomores enroll at other colleges and state universities?

A. The honest answer is no, but that question has been raised repeatedly. The state is not prepared to make that kind of commitment and I don't think the parents and the citizens of the state would either.

Q. Is tuition expected to increase next year?

A. The answer is yes. Somewhere between four and six percent. The legislative decisions also affect tuition, and the rates could be even higher.

Q. Does the University have a program for licensing products or ideas from its research?

A. We have a patent policy and we have a whole set of relationships and arrangements that are intended to help our faculty, the University, and whomever acquires the license in the long term. **M**



President C. Peter Magrath.

MINNESOTA

V O I C E S

by Chuck Benda

*In 1982, New Rivers Press, a St. Paul publishing house, sponsored the Minnesota Voices Project for the second time. The project is supported by grants from a number of Twin City Foundations. The project was designed to support and reward emerging writers of poetry, short fiction, and novellas. Four writers were selected as winners of the 1982 competition and had their first book published. Of the four, three were alumni of the University of Minnesota: Sharon Chmielarz, *Different Arrangements*, a book of poems; Richard Broderick, *Night Sale*, a book of short stories; and Katherine Carlson, *Casualties*, a book of short stories. The following profiles will introduce you to these new Minnesota Voices.*

Katherine Carlson

Katherine Carlson, '77, '81, isn't afraid to ruffle a few feathers. Wit-

ness her medical school interview. About 10 minutes after it began, the doctor asking the questions asked Carlson, who had studied pre-med at the University, received her bachelor's degree in biology, and had worked as a patient advocate:

"How do you think your being a patient advocate would make you a better doctor?"

Having some strong feelings about the way medicine was practiced in the United States, Carlson proceeded to tell him just exactly what she thought was wrong and what should be done about it.

The doctor replied, "Don't you think you're being a little dogmatic about that? What makes you think that doctors need to learn anything from you?"

"Don't you think you're being a little narrow-minded about that?" Carlson replied. "Do you think you know everything about how to treat people?"

"This interview is over," the doctor

said. "Good-bye!"

"So that was how I blew my med school interview," Carlson said. "I probably wouldn't have gotten in anyhow. My grades were not that high. But I was just crushed. 'Oh my God,' I thought, 'all my career views are destroyed.'"

Carlson went to Europe to give herself a break. There she took time to think about what she really wanted to do with her life. Although she had been writing for some time, she had considered it a hobby.

"I had been writing journals, short stories; I had started writing a book," she said.

"I decided to give myself a couple of years to work on my writing, to try and get things published."

That was in 1978. She began to have some early success, getting some of her stories published in regional magazines. Then she got a job at the University, working in the pharmacy department



Katherine Carlson.

ROB LEVINE

with University Hospitals. She began taking classes and received a bachelor's degree in English in 1981. The subjects she once considered unimportant because they were too easy — English, the humanities — became important to her. And her writing became more than a hobby.

Now, with the publication of *Casualties*, she is frustrated by those who refuse to take her writing seriously. She has received a good deal of positive feedback about her book, but has discovered that many people still think of her writing as a lark.

"The three most common questions I get asked," Carlson said, "are: 'How long have you been pursuing this hobby?', 'Is it a children's book?'; and 'How much did you have to pay to get it published?' They assume that because I have to work at this part time, that it is nothing more than a hobby."

Carlson must work full time at another job in order to support her writing. She is currently working as a medical secretary in the extended care office at Hennepin County General Hospital.

Even if she could support herself with her writing, Carlson said she might continue to work part time at another job, to keep herself from being cut off from the real world. Many of her stories come out of her work-day experiences.

"Most of my stories come out of 'What if?' propositions," she said. "I will meet a person, or I will know a person, or run into a situation and say, 'What if this happened?' or 'What if this person did this?'"

"At Hennepin (the hospital) the stories walk up and bite you. The material is there all the time. It's just a matter of how you want to tap into it and what you want to do with it.

"A lot of times I'll start thinking about an idea while I'm at work and when I'm riding home on the bus and other places where you can't do a lot of other things."

Carlson views her typing skills, de-

veloped through secretarial work, as a big plus. She can type 70 words a minute, or, as she says, "about as fast as I can think." She generally writes her short stories in one sitting, trying only to get the general sweep of the story down. She then sets the stories aside for from three to six months, a period she calls "rot time." If, when she picks the stories up again, she still feels there is something there worth pursuing, she begins to rewrite and refine the stories.

She has a strong sense of discipline and a need to finish things, which she thinks is another plus for her as a writer. She won't allow herself to have writer's block. If she can't work out the problems in a short story, she will switch to one of the two novels she is working on, or else she will turn to non-fiction. She also writes book reviews for the *Minnesota Daily*.

Writing is an everyday thing for her, although she does take a day off here and there. If things aren't going well, she gets away for a while, but usually only for a day. Never for a month or two, she says. Yet she feels there is a need for balance in her life.

"I could write more than I write. I could spend more time doing it and be unhealthy and unhappy, but I think objectivity is the main thing. What can you accomplish in the time you have?"

The same objectivity that she uses to maintain the balance between a full-time job, a writing career, and a rewarding life, is applied to her estimation of her abilities as a writer.

"I don't have any ambition to be the next Cheever. I don't think I'm capable of that. I think that I've got some talent and I think I'm using what I've got. I think I'm capable of being pretty good, but a great writer I'm never going to be."

The stories in *Casualties*, although uneven, are hard-hitting stories that, as the title suggests, get at the pain and sorrow, which result from personal interaction. Many of her characters are "casualties" — a woman trapped in a

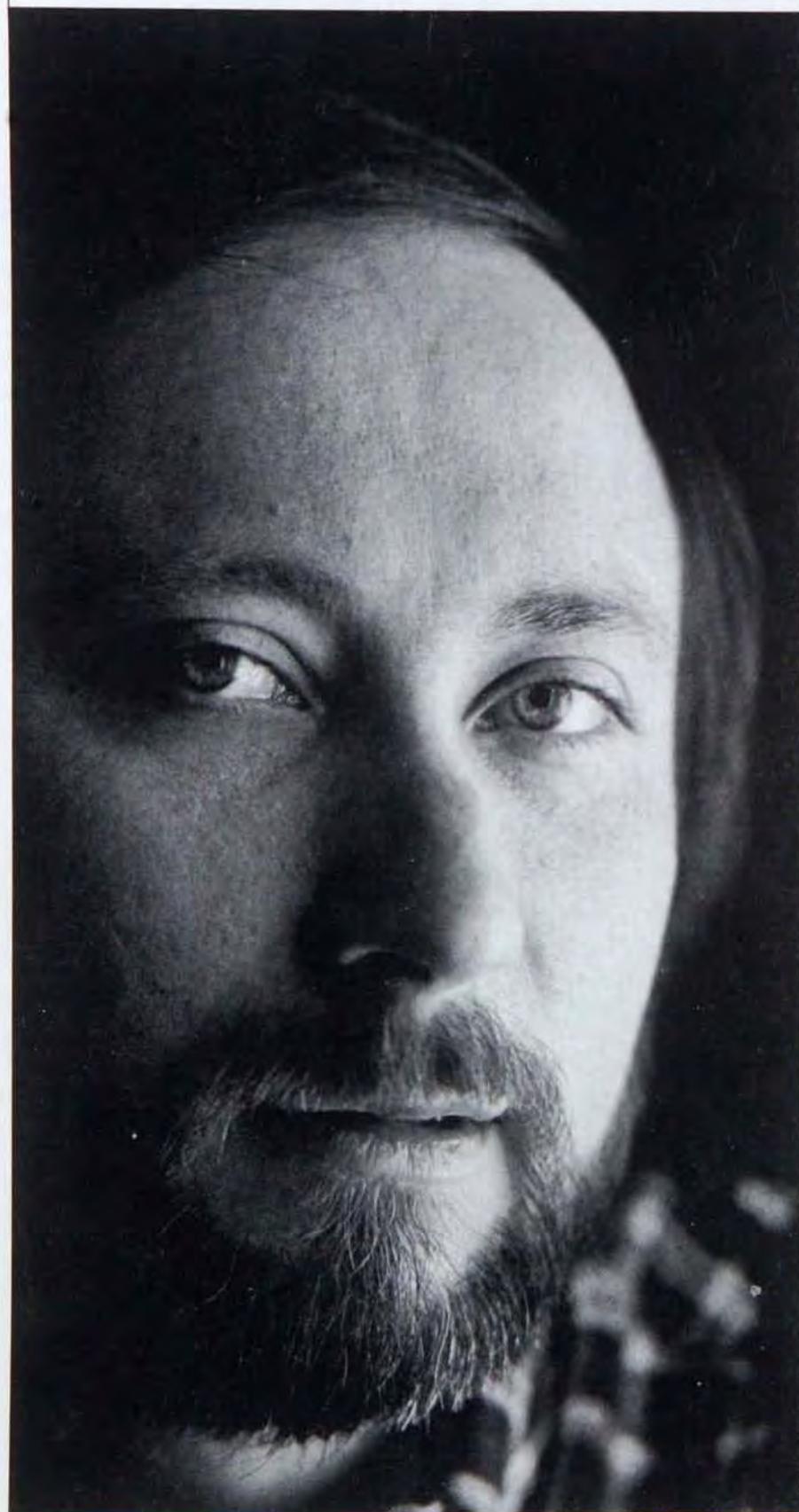
destructive marriage, a priest whose counsel failed to help a despondent parishioner, a young woman struggling to come to terms with sexual abuse in her past — who must learn to play the hand that life has dealt them, and who do so with varying degrees of success.

Carlson grew up on the north side of Minneapolis, a place she says is much maligned by those who think it is such a tough neighborhood. But perhaps it was the north side that has made her what she is: a woman unafraid to say what is on her mind; a woman who refuses to pull any punches; a woman who is going to do whatever she can do with what she has.

Richard Broderick

"Times like these he feels most distant from her, almost a stranger. He becomes another person at work — this character with a head stuffed full of figures, monthly totals, buying schedules, rep's names, store policies — and it takes a little while to become himself again. He strokes Jean's hair absently, trying to pull his thoughts into *this* room, *this* moment, with its slightly stuffy smell of sleep, the texture of Jean's flannel nightgown. Nice 'hand' he thinks, dropping automatically into the jargon of the trade. The fabric's got a nice *hand*."

This passage from "Night Sale," the title story of Richard Broderick's book of short stories, describes the struggles of a man, trapped in an unrewarding job, trying to regain a sense of self after a particularly harrowing night at work. It is, according to Broderick, one of the most autobiographical stories he has written.



Richard Broderick.

"I think that I am temperamentally, maybe even physically incapable of working at a 40-hour-a-week job in an office and being content with that. All writing of a literary nature, whether it's poetry or fiction is to some degree, I think, a protest against the death of feeling. And to me that process is intimately associated with being stuck in an office somewhere for 40 hours a week, working for somebody else, being paid wages by the hour.

"I can't reconcile myself to doing that. So I may have to reconcile myself to being poor all my life. That is the risk that people who want to be artists have to take."

Richard Broderick currently works days, 40 hours a week, writing advertising copy for Pickwick Records. He is not writing much fiction these days.

"Unless you're one of the very few, a very small circle of writers in this country, you're not going to make your living writing fiction," Broderick said. "For the most part, it's like the story, 'Night Sale' . . . a constant struggle to pay for the time to write, the time to express yourself. And it's not always successful. There are patches of life when you can't. I'm going through one of those right now. I try to write, but

. . . but there are bills to pay, some of which accumulated during the two years during which Broderick wrote the stories that comprise "Night Sale." The \$500 stipend that came along with the award and the publication of his first book went to "making the repairs on my '74 Volkswagen, or something like that."

Broderick lives in Minneapolis. From 1980 to 1982, while he wrote the "Night Sale" stories, he worked part-time at a variety of jobs, including a brief stint with a research project in which he had to visit with the recipients of vasectomies and ask them a long list of personal questions. The job proved amusing at times and provided him with a unique look into an unusual phase of peoples lives, but he eventually left that job, partly because the researchers kept complaining that they couldn't read his handwriting.

From the highly autobiographical "Night Sale" to the purely fanciful "The Caliph's Dream," Broderick's short stories achieve an impressive depth and breadth for a first book of a relatively young fiction writer. One of the strongest stories, "The Best Man," is a

ROB LEVINE

Tom Sawyer-Huck Finn kind of tale about growing up that has its roots in Broderick's childhood in Rainbow Lakes, N.J. Another, "Brother Wolf," is set in the wilderness of the Boundary Waters Canoe Area in winter and evokes thoughts of Jack London or Ernest Hemingway.

Although he is 33, Broderick first began writing fiction seriously when he was 26. Winning the Minnesota Voices competition was a relatively minor success in the realm of literature; however, it was an important and rewarding step for him.

"One of the things that I experienced (after winning the award) was a sense of unreality. We had a couple of parties and people were buying the book and asking for the book. Having a book in print seemed like a kind of strange thing to conjure with.

"A lot of people saw it as a tremendous achievement, the kind of once in a lifetime thing — sort of 'By God, I would give my eyetooth to publish a book.'

"Looking at it from my point of view, this is just one step. Yes, it was an achievement, and God knows I'm very proud of it and certainly glad that it happened, but now I'd like to get on and write other things."

The past few years have been a struggle for Broderick; a struggle to express himself artistically; a struggle to circumvent the death of feeling that he believes accompanies the nine-to-five existence. He received a bachelor's degree in journalism from the University in 1976. He has worked for the *Twin Cities Reader* and as a free-lance journalist and has turned his artistic energies to acting and directing, working with theater companies in Denver and Minneapolis.

"One of the experiences of my life that I think probably has shaped my writing more than any other was the time that I spent acting and directing. If I had to make some sort of statement about the reasons why I write, it would be some combination of a desire to tell a story — that is, to perform — and a desire to amuse myself, to while away the passing hours."

With the publication of "Night Sale," Broderick's "performance" has become far less private. Ultimately, it will be the ability of his work to escape the private arena and stand on some public stage that will determine whether or

not he can escape the workaday world with enough regularity to give him time to develop his craft. In the meantime, it's 40 hours a week until he can buy the time to get back to his private performance. For Broderick it is worth it, even though he, too, feels the world doesn't need another writer. It keeps him feeling and it keeps him amused.

Sharon Chmielarz

She's an unlikely poet if ever there was such a thing as a likely poet. Quiet, unaffected. She speaks slowly, evenly; no dancing hands to accent her speech, nor furrowed brow nor tilted head for punctuation . . . until she launches into one of her Gertrude Stein poems, or, as in her poem "Crows" she grasps the voice of another self. The crows, pecking at a snake in a poem begun with the words "Sin boldly", have decided to give up their meal:

*For no reason, they let it go.
Their decision gathers power.
Cawing raucously, "Joy! Joy!"
they lift their wings and
dive into glacial air.*

For no reason, other than joy, at the age of 35, Sharon Chmielarz jumped into writing feet first. Chmielarz, who lives in north Minneapolis, was born in Mobridge, S.D. and came to the University after two years at a small college in South Dakota. After getting a bachelor's degree in 1962, and master's in 1976 in education, German, and French from the University, Chmielarz decided she needed a little insurance in her job as a junior high school teacher. She thought a degree in English would make her a more versatile teacher, and less prone to the cutbacks that were beginning to thin the ranks at the public schools. So she returned to the University and began taking English courses.

"I got into a few poetry courses," she said, "and I thought 'Where have they been all my life?' I really loved it and started taking some writing courses, too."

In those few writing courses, she managed to study with Tom McGrath,

Michael Dennis Browne, and Patricia Hampl — a heady trio of successful writers.

"From the University alone, I've had three of the top Minnesota writers as teachers," she said. "I think they taught me a lot of skills, but I think it's also really important to get to know the top writers in your region."

Her first class with McGrath was very small and gave her plenty of opportunities to have her work critiqued. She described herself as one of those bright-eyed, bushy-tailed students eager to learn. Eventually she began bringing her work to McGrath outside of the classroom.

"He commented on the poems," Chmielarz said, "and when he gave them back he said, 'Sharon, give yourself 10 years.' At the time, I thought to myself, 'My God! I'm 35 now.' I didn't understand what he meant, but now I do. It's not a race to the end of the world. You can't do it the way you get a master's degree. You have to give yourself lots of time."

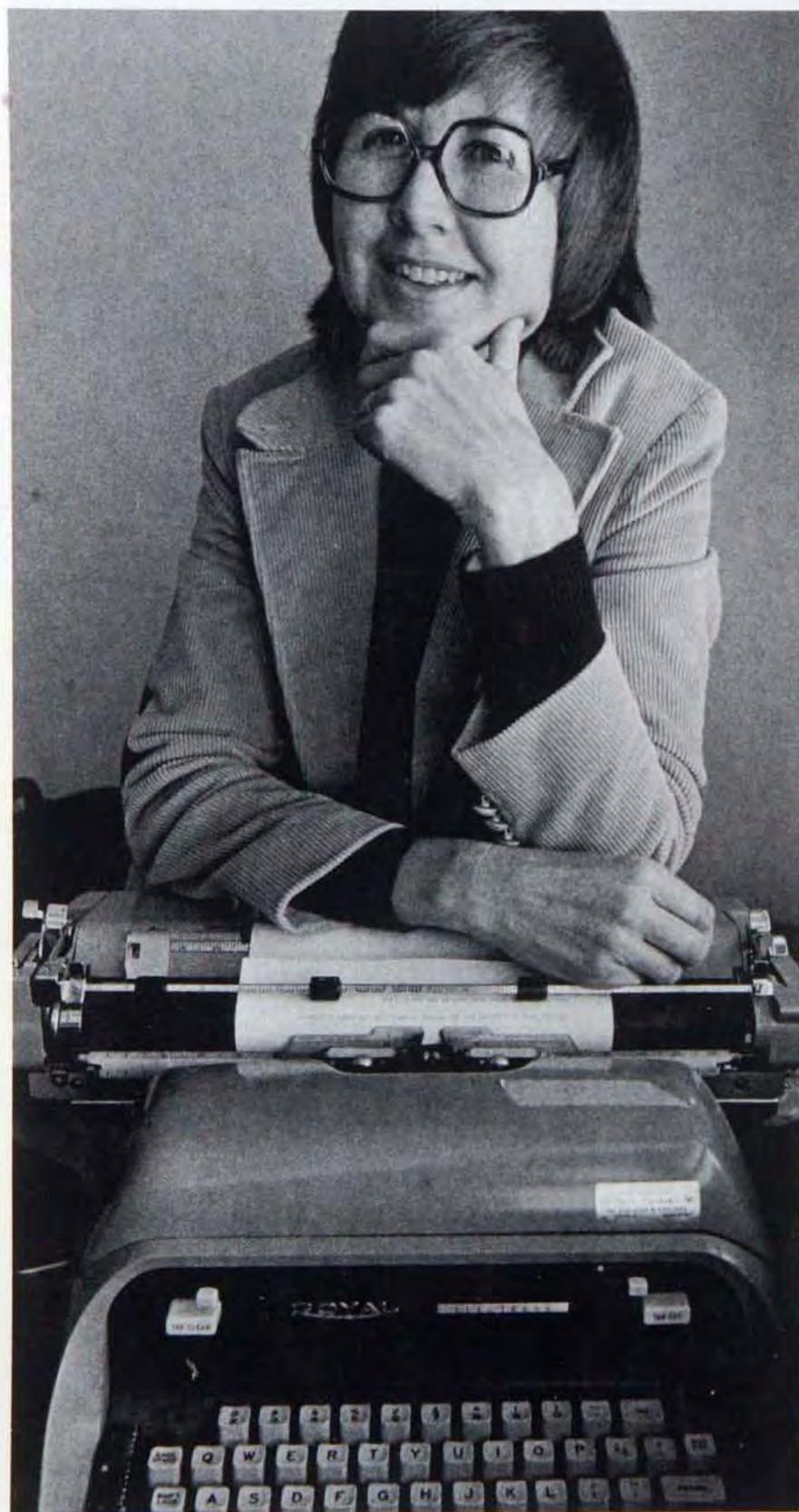
That was in 1977. It didn't take 10 years for her poetry to develop to the point where the rest of the world, or at least a small part of the rest of the world, was interested in reading her poetry.

She began publishing poems in small, regional magazines, such as the *Great River Review*, the *Lake Street Journal*, and *Studio One*. Along the way, she began applying for grants and awards available to beginning poets.

Poetry gradually became an important part of her life; her dedication to her craft increased. She began keeping a journal, recording bits of pieces of her daily life. She also began keeping a dream journal because she felt that dreams are a rich and important part of things around her.

"I was at a point of my life where I didn't even notice birds. It was quite a change then to see a cardinal flit by my window when it was snowy, or dart in among the apple trees, thick green in the summer time," she said. "It kind of draws you outside of yourself. I began to look at all these beautiful things going on outside, not only in the animals, but in people too."

Winning the Minnesota Voices competition and having her first book published has been a big step forward for her. People have started to take her more seriously and to pay attention to what she writes.



Sharon Chmielarz.

"The staff here (at Orono Middle School where she teaches) has been very gracious to me and displayed far more interest in the book than I ever thought they would. They gave me a publishing party that was just magnificent, and they bought several copies of my book."

Different Arrangements is a collection of poems written over a span of several years. The drawings that accompany the poems (done by Gaylord Schanillee) play off the idea of flower arrangements, but Chmielarz's poems are far from being pretty arrangements of words. The first group of poems, called "Catching Myself on Thin Air," are of a dark nature. They dance along like a graceful boxer before delivering a knockout punch filled with allusions to a childhood stained with physical abuse and a child's fear and inability to understand why one adult would beat another.

Chmielarz expressed some concern about the wisdom of including such a dark set of poems in her first book, but she said, "My reason for keeping it in there is, that is the dark side and trying to work from there — those are part of the arrangements in life."

Publishing her first book is just a beginning step in what she sees as a life-long career. She hopes to earn her living as a writer eventually, and to that end she is beginning to work harder on her prose writing, both fiction and non-fiction.

"It might have to be combined part time with some other job, but I'm quite willing to work for it and I'm quite willing to give myself 10 or 20 years.

"That may be all the time I've got, but at least I'm working toward something. I have a dream that I'm working toward. I think it's terrible not to have any kind of dream, I don't care how old you are.

"It's one of the jobs (writing poetry) that nobody wants. Nobody really cares. The world will go on without anybody writing any poetry, and there are so many other people writing it anyway. But it's important to me. That's who cares. And that's why I do it." **M**

Editor's note: Different Arrangements, Night Sale, and Casualties may be ordered from New Rivers Press. For more information, write to Bill Truesdale, New Rivers Press, 1602 Selby Avenue, St. Paul, Minn. 55104.

ROB LEVINE

MINNESOTA ALUMNI ASSOCIATION

Student Center Privileges Newest Membership Benefit

Are you looking for a place to have a business conference or a family wedding reception or a spring dance?

What about a place where you could go to the movies, attend classes, play pool or bowl?

Now, all of this — and more — is yours if you are a member of the Minnesota Alumni Association.

The newest membership benefit — St. Paul Student Center privileges — will allow MAA members access to the center as members of the University community.

"If our members want to rent the ballroom or use the catering services, they may," Mary Hicks, MAA director of membership, said.

"We've worked out an agreement so that our alumni can return to school, visit the campus, meet students, and gather with former classmates," she said.

Alumni may rent canoes, buy discounted movie/theater tickets, shop at the bookstore, browse through the gal-

lery, or relax in the music listening lounge.

In addition to the use of the building and service, alumni may also take mini courses offered by the St. Paul Student Center.

Courses include acting, aerobic dance, ballet, dancing, photography, cross-country skiing, drawing and watercolor, hardanger, Hatha Yoga, ice climbing, microcomputing, quilting, sign language, and wine appreciation.

Discounts are available on many programs and activities at the center.

The St. Paul Student Center is located on the St. Paul campus with plenty of public parking available.

The building was constructed in 1959 with a major addition completed in 1980.

Features include the Terrace Cafe; restful lounges, the 700-seat North Star Ballroom; the 327-seat Theater, a variety of conference rooms, the Paul Whitney Larson Gallery/Music-Listening Lounge, and the North Star Gallery; a Graphics Communication Center, which features typesetting and graphic arts services; the Outdoor Store, Books Underground, information centers, and games room activities including bowling, billiards, and video games.

More information about facilities and availability may be obtained by calling (612) 373-1046.

Roszell Elected Chairman — Twice

Steve Roszell, who has been executive director of the Minnesota Alumni Association since 1979, has been elected District Five chairman of the Council for Advancement and Support of Education, and chairman of the Big Ten alumni directors.

He was recently elected to the district position during a meeting in Chicago and becomes another of the outstanding University of Minnesota leaders in the CASE organization, which was formerly part of the American Alumni Council. That group's first national president was E. B. Johnson, who also was the first director of the Minnesota Alumni Association. In 1925-1926, James Lewis Morrill, who later became president of the University of Minnesota, was AAC president, as was William S. Gibson of Minnesota who now lives in Sun City, Ariz.

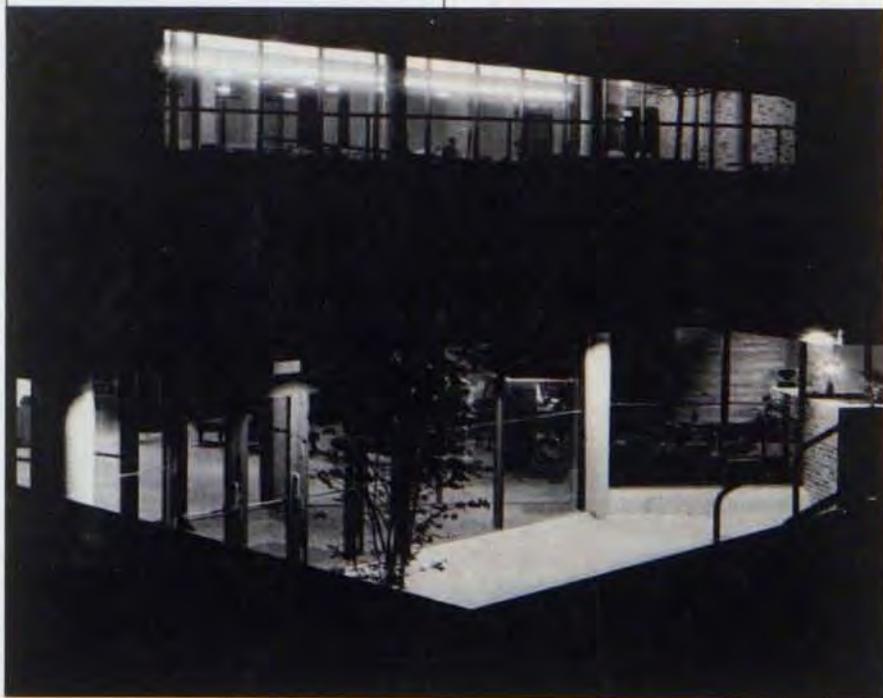
CASE — a non-profit organization — was created in 1974 through a merger of the American Alumni Council and the American College Public Relations Association. CASE serves education through programs in seven areas including alumni administration, fundraising, government relations, and information services.

The district organization is made up of more than 300 colleges, universities and independent schools in Illinois, Indiana, Michigan, Ohio, Minnesota, Wisconsin, and the Canadian provinces of Manitoba and Ontario.

CASE is responsible for the "Mind-power" campaign, which focuses on one of our nation's greatest resources: its colleges and universities. National media contributed more than \$4 million in advertisements to present this message to the nation. Corporations, colleges, and foundations assisted in this effort.

Roszell's term of office will run through December of this year when another leader will be elected.

Roszell came to Minnesota from the University of Missouri at Columbia where he had been alumni director since 1975.



Black Alumni to Organize Group

Encouraged by the success of last fall's "Salute to Black Alumni," which included the return to campus of Carl Stokes, '56, alumni leaders are proceeding with plans to organize an affiliated black alumni group.

With the assistance of local alumni Dottie Fenrick and Jim Beard, '69, the Minnesota Alumni Association is working to develop a mailing list of all graduates interested in participating in the activities of a black alumni group.

"We already have built a mailing list of 350 names," Steve Roszell, executive director said, "but we know there are many more alumni who would be interested in receiving information on future events."

If you are interested in receiving information on the future activities of the black alumni group, please send your name, address, class year and other information you wish us to have, by returning the form or call the Alumni Center at (612) 373-2466.

Name _____
 Address _____

 Phone _____
 Class Year _____ Degree _____

Student Phoners Contribute To Association Growth

Playing a major and fitting role in Association growth is a group of students — future alumni. Five nights a week, Sunday through Thursday, about 15 students take over the Association offices in Morrill Hall to phone alumni across the Twin Cities and ask them to join the Alumni Association. This fall, nearly 900 alumni responded to student

calls to join the Alumni Association.

Each student caller helps the Association in several ways: a local phone call to ask for alumni support costs less than a mailed request; each caller spreads a lot of good will, since alumni usually enjoy hearing from a student, whether or not they join, alumni get to hear something about their college and have received a personal contact from the campus; and each caller makes corrections to address and occupational records — a major cost-saving contribution to the entire University.

As winter quarter began, the students were at work calling alumni who have inadvertently let their memberships lapse, as well as College of Education alumni and alumni of the Journalism and Nursing schools. Their goal: to help take the Association to another milestone.

Membership Benefit Tip of the Month

It's called the Minnesota Alumni Association Hospital Money Plan, underwritten by Continental Casualty Co., and it's available to members.

"Our Hospital Money Plan is a group plan, especially designed for members and their families," Mary Hicks, MAA director of membership, said. "You benefit from the Association's group purchasing power. Your cost to participate is significantly reduced."

All members under age 60 and spouses under age 60 are eligible to enroll in the Hospital Money Plan.

Unmarried, dependent children can be covered too, from birth to 25 years of age.

"Your benefits double when they're most needed," she said. "The Hospital Money Plan pays \$100 or \$200 daily benefits for cancer and leukemia, depending on the plan you select."

All cash benefits are paid directly to you, unless you'd rather assign them. You can use the money in any way you wish.

Your coverage is renewable for life — no matter how old you are and how many claims you file — providing the plan remains in force, you pay your premiums when due, and you continue to be a member of the MAA."

Women Achiever Speakers Picked

Speakers for the women achiever's spring seminar, April 16, for the Alumnae Society have been chosen, according to Angie Spell, president of the society.

The event will be held at the American Association of University Women office, Minneapolis Branch, 2115 Stevens Ave. South.

Speakers will include Albreta Murray, assistant campaign director for the United Way; Dr. Nadine Smith, a dermatologist in private practice; Gayle Osterhus, director of Education Training Consulting Services; Leeann Chin, owner of Leeann Chin Chinese Cuisine; May K. Y. Yue, president of Financial Services Associates Inc.; and Marianne Anderson, secretary treasurer of Financial Services Associates.

A luncheon will conclude the morning event.

All alumnae and friends of the University of Minnesota are invited. For more information or reservations or both, call the Minnesota Alumni Association at (612) 373-2466.



Heading class reunions May 19, 20, and 21, are, from left, Gerry Shepard, '33; Dorothy Overton Green, '32; and Dr. Bill Braasch, '43. Chairman of the emeriti group is Ted Miller, '32.

Travel in Good Company

Travel with MAA—'U' People Make the Difference



June 26-July 9 - **LANDMARKS AND ART TREASURES OF WESTERN EUROPE**

A voyage from Portugal to England, with a visit to Bordeaux, center of the famous French wine country.

June 29-July 13 - **FJORD PASSAGE**

A two-week tour of the fjords of Norway. There will be a visit to Bergen and four nights in Copenhagen.

August 7-19 - **ROMANTIC PASSAGE**

Six days on the Neckar River through the heartland of Germany. There will be three nights in Baden-Baden and two in Basel, Switzerland.

September 4-24 - **1983 ORIENT ESCAPADE**

This 21-day program includes Tokyo, Shanghai, Wuxi, Beijing, Xi'an, Hong Kong, and a cruise on the Grand Canal.

Minnesota Travelers will visit several select and very special destinations in Europe in 1983.

Imagine a coastal cruise, early in the summer, that starts with Lisbon and ends with London; a voyage that specializes in less frequently visited cities and discovers a wealth of art outside museum walls. These sites are far from the major inland centers so the ideal way to go is aboard the cruise ship ILLIRIA, an ocean-going vessel with the congenial ambience of a private yacht. Special extras: a visit to Bordeaux, and the famous wine country of France; Professor Mel Waldfogel, of the University of Minnesota, with lectures and discussions. Reserve now for **LANDMARKS AND ART TREASURES OF WESTERN EUROPE.**

Sign on for our all-new exclusive cruise through the heart of Germany, on the Neckar River. This is another privileged opportunity to visit sites seldom included in European tour itineraries: the Black Forest, the Rhine Falls, and the quaint towns and villages along the Neckar. We'll look for you aboard the M.S. KROES next August, when we set out from Heidelberg on the **ROMANTIC PASSAGE.**

There are still a few spaces for the tour of the fjords of Norway, but don't delay. Be with us when we board the MTS ARGONAUT for the **FJORD PASSAGE.**

Please send me any available information about:

- Landmarks and Art Treasures
 Fjord Passage

- Romantic Passage
 1983 Orient Escapade

Please send an advance registration form with the requested information.

Name _____ Class year _____

Address _____

City _____ State _____ ZIP _____

COLLEGES AND SCHOOLS by Bev Bachel

AGRICULTURE

Farmers Being Taught Their Vegetable ABCs

The University Agricultural Extension Service knows its ABCs and through the "ABC Vegetable Project" is encouraging Minnesota farmers to produce theirs. Those ABCs are asparagus, broccoli, and cauliflower, three vegetables that can be profitably grown and processed in Minnesota.

Minnesota is currently the third largest producer of vegetables for processing. In 1979, approximately \$77 million worth of vegetables were produced in Minnesota. "The processed value of that produce was more than \$445 million, an added value of almost six times the raw product value," Luther Waters, project director, said.

Waters explained that most acreage used to grow vegetables for processing is concentrated in California.

"The rising cost of transportation, along with the risk involved in concentrated production, is causing the processing industry to redistribute production to areas with the greatest production and distribution advantage, and this provides an excellent opportunity for Minnesota," he said.

The favorable climate, the abundance of highly productive soil and underground water for irrigation, and the relative freedom from insects and crop diseases have already proven Minnesota's ability to grow high quality vegetables. Even with these ideal conditions, however, Minnesota farmers produce only 14 percent of the vegetables Minnesota residents consume, said Norman Brown, director of the Agricultural Extension Service.

For Minnesota farmers to capture a larger share of the vegetable processing industry, Waters says the problems and opportunities unique to Minnesota must be addressed immediately and this is the basis of the "ABC Vegetable Project."

"We are working with each component — research, grower, education, production, and marketing. We want to set up a system to solve the problem, provide education on it, produce the

products, and market them," Waters said.

This is the mid-point of the three-year project and Waters expects 1,000 new acres of asparagus and 500 new acres of broccoli and cauliflower to be planted this year. This increased acreage will lower prices and provide better quality and fresher vegetables since the produce will be grown close to where it is marketed.

National Agriculture Day To Focus on Government

How have government policies shaped today's agriculture? Is the United States gearing for an international agricultural trade war? Who speaks for agriculture in Washington?

These are a few issues that will be discussed at the second annual National Agriculture Day, March 17 at the Marriott Inn in Bloomington, Minn.

This day-long seminar, "Government: Friend and Foe of American Agriculture," is a forum for agribusiness professionals, food producers and processors, lawmakers, bankers, consumers, educators, and farm organization representatives. The event will focus on government's controversial role in setting agricultural policy, both nationally and internationally.

International government and agri-

culture will be discussed during the morning session. D. Gayle Johnson, keynote speaker and a University of Chicago economist, will provide a historical perspective, "Agriculture and International Trade: The Big Issues."

Margaret Murray, the afternoon keynote speaker, will discuss "The National Agricultural Scene." She is a management consultant for Schnittket and Associates, a company that helps agricultural firms make strategy decisions.

Both keynote speakers will be followed by breakout sessions during which designated topics will be discussed more specifically. Agriculture and Applied Economics Professor Vern Ruttan will discuss "Knowledge as a Commodity: Who Owns Information?" and Malcolm J. Purvis, director of the University's International Agricultural Programs, will discuss "Exporting Ag Technology: Does It Benefit Lesser Developed Countries?" A wrap-up session, "Who Speaks for Agriculture," will follow.

The event is sponsored by the metropolitan chapter of Minnesota Women for Agriculture, a statewide organization of women who help bring the message of agriculture to consumers. More than 60 midwestern agriculture-related businesses supported last year's event, which attracted 500 participants.

All alumni are invited to attend. For more information or registration materials, call (612) 373-0725 or write to the Office of Special Programs, Agricultural Extension Service, University of Minnesota, 405 Coffey Hall, St. Paul, Minn. 55108.

PUBLIC HEALTH

\$468,085 Kellogg Grant Starts New Program

A recent \$468,085 grant from the W. K. Kellogg Foundation of Battle Creek, Mich., will provide continuing education opportunities for administrators of ambulatory and long-term health care programs.

Those enrolled in the new three-year program must be full-time outpatient administrators from medical group prac-



tices, hospitals, public health agencies, health maintenance organizations, or community health centers.

Vernon E. Weckwerth, professor of hospital and health care administration in the School of Public Health, will direct the program as part of the Alternative Studies Program at the University.

Approximately one-third of the grant will be used to continue a program for students in long-term care administration. This program, initiated in 1977, is under the direction of associate professor George K. Gordon.

The W. K. Kellogg Foundation was established in 1930 "to help people help themselves." The foundation is among the largest private philanthropic organizations in the nation, supporting programs in the United States, Canada, Europe, Latin America, and Australia. More than \$585 million has been distributed in the past five decades in support of programs in agriculture, education, and health.

Marie Manthey to Direct New Patient Care Study

Marie Manthey, a nationally-known nursing consultant and author, is the newly appointed director of the University's Independent Study Program for Patient Care Administrators, a two-year graduate program in management and organization open to patient care administrators. She also will serve as an assistant professor in hospital and health care administration in the School of Public Health.

Manthey wrote *The Practice of Primary Nursing* and has published many articles in scientific and professional journals. She is president of Creative Nursing Management in Minneapolis, which provides consultation in primary nursing and nursing management.

She has served as associate director of nursing at the University of Minnesota Hospitals and as a faculty member in the School of Nursing.

Leyasmeyer Named Acting Dean

Professor Edith D. Leyasmeyer is the acting dean of the School of Public Health, replacing Lee D. Stauffer who recently returned to faculty duties.

Previously associate dean of the School, Leyasmeyer has been active in long-range planning for the Health Sciences, the School of Public Health, and the University. She also has served as director of the Area Health Education Center and as a faculty member.

Leyasmeyer holds a master of public health degree from the University of Pittsburgh and a doctorate in health care administration from the University of Minnesota.

A search committee is recruiting a permanent replacement for Stauffer.

BIOLOGICAL SCIENCE

Genetic Engineering Offered as a Major

Electrical, chemical, mechanical, and civil engineering are common majors in the Institute of Technology and now the College of Biological Sciences is offering its own engineering major — genetic engineering.

Biotechnology is booming and to meet the demands of this growing industry, the University recently established a new undergraduate major in genetics and cell biology.

New research in human genetics, recombinant DNA technology, and cell membrane biology have stimulated interest in this field and the new major will provide University students with opportunities that might not otherwise be available.

The number of jobs in the field is growing and so is interest among University students, with 30 students expected to participate in the program each year. The University, by offering the major, joins a few other American

universities and becomes Minnesota's first college to feature a biotechnology major.

GENERAL COLLEGE

Help! Help's Moved to Nicholson

The Help Educate Low-Income Parents Center recently moved to the first floor of Nicholson Hall where it is part of the General College's Student Services Division, which includes counseling and student development, upward bound, university day community, admissions, registration, and orientation.

"Even though most of the clients at the HELP Center are General College students in need of services due to their disadvantaged educational or social backgrounds," said Bruce Hixson, assistant to the dean, "the Center continues to serve clients from other collegiate units at the University."

Established in 1967 to help meet the needs of low-income mothers interested in returning to school, HELP offers educational and career planning, personal and family counseling, and study skills development.

PHARMACY

Interested in a Trip To Russia, China?

Pharmacy Professor Hugh Kabat has been asked by People to People International to organize a delegation of Minnesota pharmacy leaders for a 22-day cultural visit to Russia and the People's Republic of China this year.

"People to People was established by President Dwight Eisenhower to produce better understanding between peoples of the world," Kabat said.

"Each year, 10 states are selected and each represents one profession, and this year Minnesota was chosen to represent pharmacy."

"The delegates will attend formal and informal meetings that will provide opportunities to exchange ideas and information with our counterparts in pharmacy."

Pharmacists interested in representing Minnesota should write Kabat at 308 Harvard Street SE, Minneapolis, Minn. 55455 or phone him at (612) 376-5312.

MEDICAL SCHOOL

Bone Marrow Transplants Increase

The University Hospitals pioneered the techniques of bone marrow transplants and contributed to advances that have changed the transplants from experimental therapy to accepted treatment for an increasing number of life-threatening diseases, especially childhood leukemia, a form of cancer of the blood and bone marrow.

Approximately 6,000 new cases of leukemia are diagnosed in children throughout the United States each year and some are treated at the University, one of only six transplant units in the nation.

Since 1974, the University's pediatrics bone marrow transplantation program has performed 250 transplants, 75 of which were done in 1982.

Initially children with acute lymphocytic leukemia, non-lymphocytic leukemia, chronic myelogenous leukemia, and other bone marrow cancers are treated with a combination of chemotherapy, radiation therapy, and surgical therapy. These therapies are judged successful 60 percent of the time; however, in 40 percent of the cases the leukemia cells reappear.

"When this happens, we know the chances are poor for these patients," Dr. Norma Ramsay, program director, said. "At this point we opt for a bone marrow transplantation as a last resort."

Bone marrow is the manufacturing

center of the body's immune system. All blood cells develop in the marrow, including the several varieties of white blood cells, which protect the body against disease. The problem with conventional leukemia therapies is that while killing the malignant cells, the immune system's cells also are destroyed, leaving the patient extremely susceptible to infection.

If, however, the bone marrow could be removed and then replaced after the conventional therapies, the patient would not only be able to receive higher doses of anti-cancer drugs but would also regain normal immunity to infection.



"This is still a procedure done on patients who otherwise have an extremely poor prognosis, in other words, those who have diseases of which they would die unless we try this," Ramsay said.

Most transplants use marrow from an identically matched donor, nearly always a sibling. Bone marrow is removed from the donor by repeatedly inserting giant needles into the donor's pelvic bones and pumping out the dark red, thick liquid. It is filtered to remove large particles and is then transferred to a blood donor bag and readied for transplantation. The marrow is transferred intravenously and once in the circulatory system finds its way to the bones.

It is essential to have an identically matched donor to prevent graft versus host disease, a reverse rejection in which the newly transplanted marrow attacks the body. Since the immune sys-

tem resides in the bone marrow, the grafted marrow, if not adequately matched, begins performing what it was designed to do — destroy unfamiliar tissue. Unlike a kidney or other transplanted organ that can always be removed, it's impossible to remove dispersed bone marrow cells. Thus graft versus host disease can be fatal.

Only 40 percent of leukemia victims, however, have identically matched donors and the University has been instrumental in developing a bone marrow transplant technique that does not require an identically matched donor. The procedure removes the patient's own bone marrow and then cleanses it by using monoclonal antibodies to destroy the cancer cells. The marrow is frozen with supercooled liquid nitrogen at minus 196 degrees Centigrade, to preserve it.

In the meantime, the patient's body is readied for the transplant. This preparation includes drugs and radiation in an effort to kill all remaining cancer cells. (Any that survive could carry leukemia.) The marrow is thawed and reinserted into the patient's bloodstream like a blood transfusion. With this technique there is no threat of graft versus host disease since the bone marrow is not foreign to the patient's body.

"Bone marrow transplants average \$75,000-\$100,000," says Ramsay, "depending upon complications." The expense is directly related to hospital stays that average 38 days. Patients move into their rooms a few days before chemo- and radio-therapy begins, and because the stay is so long, families are encouraged to spend as much time as possible with the patients. Each of the 11 rooms is equipped with a stereo and television, and patients receive physical, psychological, occupational, and play therapy during the transplant course.

CLA

Honors Program Shows Sharp Rise

While private college enrollment is declining because of rising costs, the number of students entering

the College of Liberal Arts Honors Program is sharply rising.

New student enrollment in the program increased 56 percent in the last three years; enrollment now exceeds 1,000.

"Since 1979 the economy has been unstable," said Program Director Glen Holt. "There are a good number of high-ability students who would attend and pay for high-quality private schools, but they can't afford it. Many of these students are enrolling in CLA and enriching their educations by signing up for the honors program."

The program, which began in the 1930s, took on its present form in 1961. Students are admitted on the basis of college admissions test scores and high school class rank. They must maintain an academic record of 50 percent "A" grades in order to graduate with honors. The highest degree, *summa cum laude*, requires students to complete a major thesis paper.

The Honors Program provides colloquia, seminars, and special classes for its students. It also registers and advises students who are attempting to graduate with honors. Each student is assigned an honors adviser as well as a faculty adviser.

Holt is working on a grant proposal to provide independent study services to outstanding students in small Minnesota high schools that have had to cut back their curriculum. Once those students are enrolled in the Honors Program, he wants to provide enrichment classes for them. "The opportunities are what honors is all about," Holt said.

Holt would like to increase opportunities for honors students to interact with each other as well as with faculty members. He also plans to start an advisory committee to work with him in planning improvements for the program.

Students should have the experiences they need before entering graduate school, he said, and he's determined to provide them. "We are dealing with people who might be future academics and future leaders."

MANAGEMENT

Annual Business Day Event Is April 13

The School of Management's 23rd Annual Business Day will be April 13 at the St. Paul Radisson Hotel. This year's theme, "Success: Survival Through Adaptation," is expected to draw nearly 800 students, faculty members, business representatives, and alumni.

An afternoon panel discussion will feature Gayle Osterhus, president and co-owner of ETCS Inc. and the 1982 "Small Business Person of the Year," Robert Adams, senior vice president, Technology Services, 3M; and Patricia Klauck, executive director of the Children's Health Center, Minneapolis.

"Each panelist was consciously selected to represent various areas of management," Gretchen Roufs, director of alumni relations for the School of Management, said.

Professor Andrew Van de Ven, who holds the 3M Chair in Human Systems Management at the School of Management, will moderate. Following the panel presentation, alumni volunteers will lead individual discussions.

After a question and answer period, participants will choose from several

break-out sessions: microcomputers, stress management, international business, small business, clues to a good job, career planning, financial planning, and mentors.

The evening includes a social hour and banquet during which student and faculty awards will be presented. The keynote speaker will be William Andres, chairman and chief executive officer of the Dayton Hudson Corporation.

Individual alumni tickets may be purchased for \$20. For more information or to make reservations, contact Gretchen Roufs at (612) 376-3217.

INSTITUTE OF TECHNOLOGY

Progress Continues on Information Center

There have been 100 years of interaction between businesses and universities, but, according to Professor Robert M. Hexter, "this history has produced little progress."

Recognizing the room for expansion and the need, today more than ever, for collaboration between businesses and universities, the Institute of Technology, with financial help from Honeywell, 3M, and Sperry Univac, established the Microelectronics and Information Sciences Center three years ago.

Although in existence for three years, "the Center is just getting off the ground," Hexter said. "We look forward to active side-by-side collaboration between University faculty members and students and business researchers."

MEIS is designed to advance computer-related technology and to serve as a major research center for students, faculty members, and industry technicians. Participants study new techniques and methods in microelectronics — the science of adding more electronic circuitry to computer chips, and in information science — the design of computer software and systems.



SPORTS

Magrath Voted For NCAA Entrance Rules

University President C. Peter Magrath was among presidents and chancellors of universities in the Big Ten and Pacific 10 conference who in January pushed for changes in NCAA regulations that would make student athletes "students first and athletes second."

Following an emotionally charged debate in San Diego, Calif., in which the issue was defined along racial lines, the NCAA convention passed a rule that will toughen academic standards for athletes.

The measure, approved by a show of hands, was opposed by black educators, who asserted that it would be racially and regionally discriminatory. Drafted by an all-white committee of university presidents, the measure — which applies to the 277 Division I schools — was hailed by supporters as an answer to the deterioration of American higher education.

The proposal, No. 48, says athletes must have completed a high school "core curriculum" of math, English, social and physical sciences, as well as score a minimum of 700 on the SAT college entrance test or 15 on the ACT exam.

Students can score a maximum 1,600 points on the two sections of the SAT; in 1982, the national average was 992, while in Minnesota it was 1,028. Students can receive scores of up to 36 on the ACT; last year the national average was 18.4, the Minnesota average 20.2.

Magrath said the proposed legislation would not restrict admission to colleges and universities and would only affect eligibility for participating in athletics. "You clearly can admit any student you think will succeed academically," he said, adding that the issue becomes whether the student is strong enough scholastically to spend time playing ball.

"If you are going to play, we want to be assured that you have a solid academic record coming out of high school and can maintain a solid record once in college," Magrath said.



All-American basketball candidates include Laura Coenen (44) and Debbie Hunter (13).

Women's Basketball Boasts Two All-American Candidates

Gopher coach Ellen Mosher may have six freshmen on her 1982-83 squad, but with the leadership of senior point guard Debbie Hunter and sophomore forward Laura Coenen, Mosher is looking to win the first official women's Big Ten Championship title.

The Gophers have opened the year with a 15-3 overall record, the best start for a Minnesota team since the department gained varsity status.

The one-two punch of Hunter and Coenen is most evident in pure scoring statistics, with Coenen averaging 24.1 points a game and Hunter 18.3, but statistics tell only part of the story. As point guard, Hunter's maturity has helped mold the younger team mem-

bers into the game plan and at forward, Coenen is a threat to opponents from the inside and the outside.

Both players received Honorable Mention All-American honors at the end of last season and were pre-season picks this year by the basketball bible, *Street and Smith*. In Minnesota's home opener, the Dial Classic, Hunter and Coenen were named to the All-Tournament team, and Coenen was named Most Valuable Player.

Hunter has accumulated 1,085 career points, third on the all-time list, and holds virtually every Minnesota assist and steal record. She leads the Big Ten in both categories with a 6.4 assist and 5.5 steal average, and has been ranked in the top ten in the nation in field goal percentage all season.

Coenen has led Minnesota in scoring nine of eleven games with her top two career point totals of 36 against North Dakota State and 34 in the Big Ten opening victory at Illinois. She has led the conference in scoring and is ranked in the top 15 nationally in scoring average.

Both players have their eyes on the

Big Ten title and a berth to the NCAA national championship. Last year, the Gophers made it to the quarterfinal round of the AIAW National Championship. According to Hunter, "This team has a lot of heart, as far as working hard, and a lot of raw talent. We have the ability and the talent to win the Big Ten."

'U' to Beef Up Academic Help For Student Athletes

Intercollegiate athletics programs are likely to improve over the next several years on the University of Minnesota Twin Cities campus, especially in the realm of academic achievement.

That's the word the Board of Regents got recently in a report by administrators and athletics officials about the current health of the athletic programs and the plans for change.

Academic performance of student-athletes is the single most important issue in athletics today, an issue brought to attention not long ago during a hard-fought battle for academic standards reform at the National Collegiate Athletic Association (NCAA) convention, said Nils Hasselmo, vice president for administration.

University President C. Peter Mag-

rath was one of the university presidents who spoke at the convention in favor of raising the minimum grade point average for incoming athletes and requiring a satisfactory high school record in a set of core courses.

But even before the debate at the convention, the University had put together a plan to improve academic performance of student-athletes at Minnesota, Hasselmo said. That plan calls for the creation of a new position that would oversee the academic welfare of athletes in both men's and women's athletics, he said. Relations between the athletic programs and the college advising offices and the financial aid and admissions offices will also be tightened.

Men's athletic director Paul Giel said he was relieved the NCAA agreed to tighten eligibility standards for freshmen. "I've been sick and tired of being asked about graduation rates over the past 11 years when all that's been required across the country is a two-point average, a warm body and can you pump the ball," he said.

Coaches have been expected to maintain competitive programs with other schools that recruit talented athletes who are ill-prepared academically, "and then we're supposed to get them out in four or five years with a meaningful degree," Giel said.

Hasselmo also told the board that:

¶ The men's and women's intercollegiate athletics programs will remain

functionally separate for at least the next several years. (Minnesota and Iowa are the only two Big 10 schools with that structure.)

¶ The financial aid budget for women's athletics will be increased for 1983-84 to make it more comparable to the men's aid package.

¶ Because of the costs involved, it is unlikely the University will be able to increase the number of varsity sports.

¶ Attendance at football games in the domed stadium is likely to remain permanently higher than attendance at Memorial Stadium. Giel said average attendance at home games this year was 17,000 higher per game, with the increase for the season exceeding 100,000. The increase in revenue is nearly half a million dollars, Hasselmo said.

NCAA Tournament Set

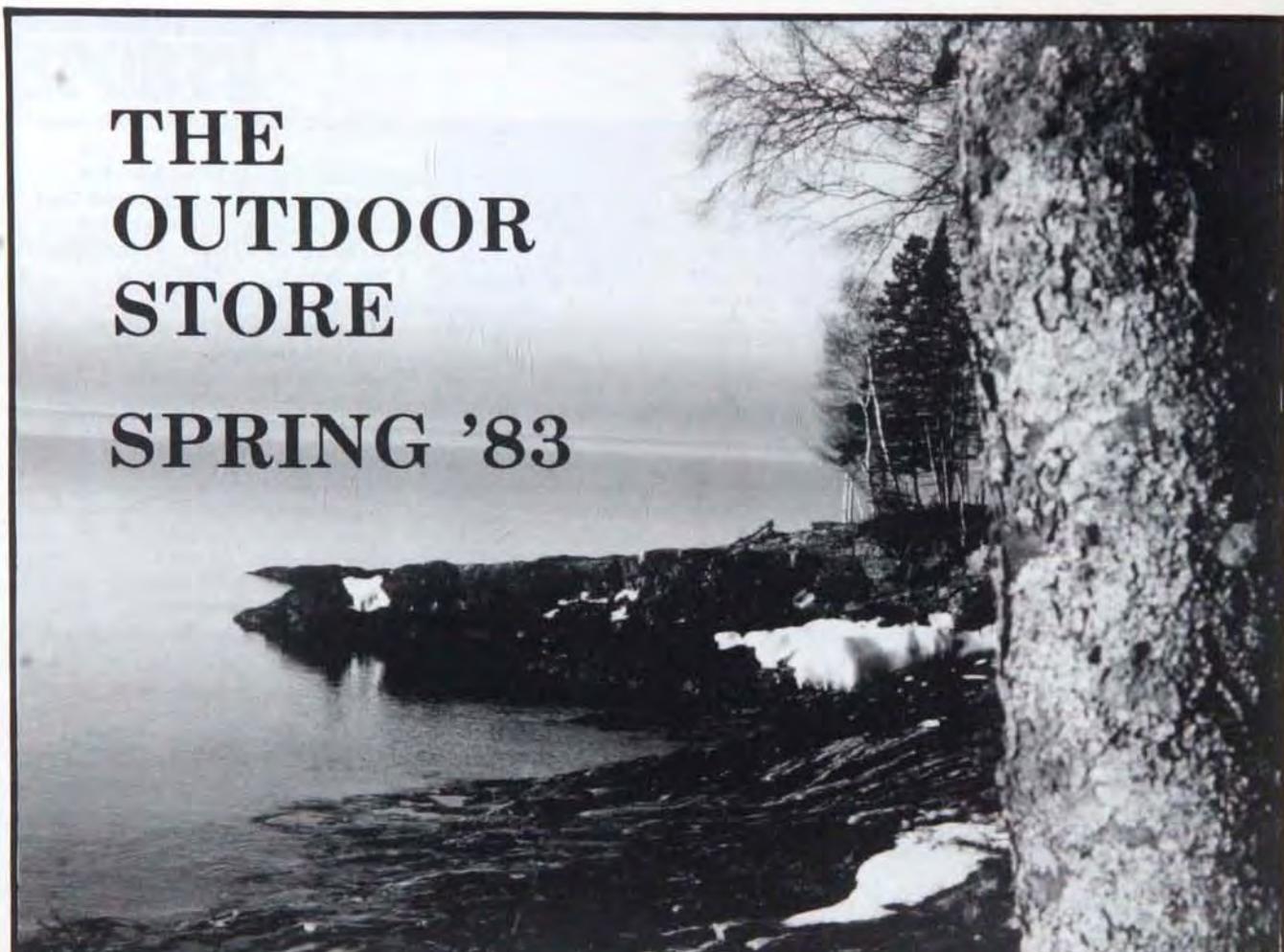
The NCAA basketball preliminary playoffs will begin March 15.

Eight sites will be where games are played March 17, 18, 19, and 20.

Four sites — Knoxville, Tenn., Ogden, Utah, Kansas City, Mo., and Syracuse, N.Y. — will host games March 24, 25, 26, and 27.

Championship games will be on Saturday, April 2, and Monday, April 4.





THE OUTDOOR STORE

SPRING '83

YOUR GUIDE TO HAPPY TRAILS

A new season is just over the horizon. That's right, spring will be here soon.

The Outdoor Store can help you gear up for the new season. We have practical outerwear, classic shirts, comfortable cotton sweaters, functional slacks and active footwear. Select from traditional styles and colors or from fashions in a rainbow of colors.

We can also outfit you with the latest tents, packs, canoes and bicycling accessories. We've got the gear to get you outside.

The Outdoor Store is a non-profit buying association dedicated to providing top quality outdoor clothing and gear at a very low price. Minnesota Alumni Association members can join the buying association for an annual fee of \$4 and save 15 to 75% off regular retail prices.

The Outdoor Store is located in the lower level of the St. Paul Campus Student Center. store hours are Monday through Friday 8am to 5pm, Wednesday until 8pm, Saturdays 9am to 4pm. Call or write for membership information or a free product flyer (612) 373-1404. Mail orders welcome.

WHEN YOU'RE GOING OUTSIDE, TAKE US WITH YOU.

**THE
OUTDOOR STORE**

U of M ST. PAUL STUDENT CENTER

Arthur H. "Red" Motley. Few names are as familiar to so many University of Minnesota alumni. A great friend to the University for many years, Red has used his extensive travels around the country as a means of advocating the University's cause. Since his graduation in 1922, Red has stayed in close touch with the University, despite the demands of a very busy career in publishing that included 32 years at the helm of *Parade* magazine, which he took from bankruptcy to success.

Realizing that the University of Minnesota's excellence depends on continued private support, Mr. Motley urges alumni to get involved and to contribute to a secure future for the University. Over the years, he has set an example by giving generously in a wide variety of ways to support many academic programs.

The University of Minnesota Foundation's planned giving staff can help you find the best way to invest in the University's future by tailoring a giving plan that will serve both your personal financial needs and your interest in the University of Minnesota. Did you know, for instance, that you can provide income for yourself and your loved ones while aiding the University through a life income gift?

Please call us for specific information on the many plans available. We are ready to help you invest in the future!

Call John Ryan or Craig Wruck
Collect (612) 373-9934
120 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455



THE UNIVERSITY OF MINNESOTA
F·O·U·N·D·A·T·I·O·N



CLASS NOTES by Sandy Stai



'17 *Dr. Thomas Lowe* of St. Paul practiced medicine for more than 60 years.

'22 *Virginia Liebler* of Franklin, N.C., has been active in the National League of American Pen Women and served as vice president from 1978-1980.

'24 *Fritz Osander* and *Helen (Woods) Osander*, '26, of Minneapolis celebrated their 53rd wedding anniversary. Fritz was with the Canada Life Assurance Company for over 50 years, retiring in 1975.

Edwin Krafft spends his summers on the North Shore of Lake Superior, his winters in Minneapolis.

'25 *Nina Draxten* of Minneapolis is working on a second book, tentatively titled *The Saga of M. Falk Gjertsen*.

'26 *Thomas Pratt* of Somersworth, N.H., retired from the General Electric Company 16 years ago and since then has been working part time in the finance department of the City of Somersworth.

'27 *Marguerite Pogue* of La Canada, Calif., was elected state director of the area VI California Retired Teachers Association.

'28 *Walter Chapman* of Minneapolis is retired and lives in Green Valley, Ariz., for six months of the year.

'30 *Alice Murphy* of St. Paul has been a resident of St. Mary's Home for about seven years.

'31 *Arthur Monthey* of Duluth retired from U.S. Steel Corp.

'32 *Dean Anderson* of Neenah, Wis., retired from Kimberly-Clark Corp. in 1973.

Stuart Arey of Minneapolis received the Harold Diehl Award from the University of Minnesota Medical Alumni Association and the Gold Headed Cane Award from the University of Minnesota Department of Pediatrics.

Franklin Stevens lives in Sun City, Ariz., during the winter and the University of Minnesota, Duluth's Oakland Apartments during the summer.

'33 *Edson Curry* of Kalispell, Mont., will have completed 50 years of dental practice in Kalispell in September 1983. His associate is *Kenneth A. Madsen Jr.*, '82.

Herman Kehrl of Eugene, Ore., is a director emeritus of the University of Oregon Bureau of Governmental Research and Service and has been voted an honorary member of the International City Management Association.

Janet King of Jamesburg, N.J., is working part time in a mental health clinic and doing volunteer work with Planned Parenthood and the New Jersey division of Families and Children's Services.



Kalina Named Carter-Day Chairman
William Kalina, '49, is the new chairman of the board of Carter-Day Co., Fridley, Minn., a company that makes air pollution control systems and special industrial and agricultural processing machines.

Marvin Sedam of Arlington, Texas, received an honorary degree of doctor of humane letters from York College of Pennsylvania.

'34 Dr. Robert Thielen of New Brighton, Minn., was honored for his 30 years of service to the community in medicine and banking. A street "Thielen Drive" was named in his honor. It serves a new clinic and a new bank.

'35 Dr. Albert Brussell of Corsicana, Texas, is a retired Army brigadier general. He was elected as surgeon for the Dallas chapter of Military Order of World Wars.

Leon Fiedler of Cuyahoga Falls, Ohio, retired from the B.F. Goodrich Co., in 1977.

Marcella L. Smith and her husband Judge Harrison Smith are living in Garden City, Kan.

'37 Carol (Heising) Drescher of Los Osos, Calif., received a certificate for transcribing braille from the Library of Congress. She and her husband, a geologist, recently retired after living for three years in Perth, Australia.

Edward W. Harding of Minneapolis retired last year.

John Pech of Minneapolis is retired.

Richard C. Smith of Columbia, Mo., retired from the University of Missouri where he taught forestry for 35 years. He is still doing research and is an avid golfer.

'38 Forrest Jenstad of Minneapolis retired after 40 years with the *Minneapolis Star and Tribune*, news and editorial departments.

Eileen Remington of Lancaster, Va., retired as the editor of the *Burke (Va.) Herald*. She had also been a reporter and photographer. She is now teaching in a recreation program in Lancaster County and privately teaching tole and fabric painting.

'39 Robert Adamek of St. Paul retired as executive secretary for the Farmers Elevator Association of Minnesota.

Chris Finsness of Minnetonka, Minn., retired as second vice president of advertising and public relations with Northwestern National Life Insurance Co. of Minneapolis after 42 years with them.

'40 Fred Brucciani of Minneapolis is a staff accountant with Arthur Andersen and Co. He was one of the first employees hired when the firm opened its Minneapolis office in 1940.

Hazelle (Firstrom) Ehrhardt of Minneapolis retired as a nurse in the emergency room at Abbott Northwestern Hospital.

Clark Gibb of the Clark R. Gibb Co., Minnetonka, Minn., was named to the Electronic Representatives Association's 1981 Hall of Fame, the highest honor the association bestows. He is also a member of the University of Minnesota President's Club and recipient of its Hall of Fame Award.

Richard Knox of McLean, Va., retired in December.

Reuben Kravik of Anoka, Minn., is chairman of the board of Health Central Inc., Minneapolis. He was also chosen as the "Manufacturer of the Year" by the professional organization of national manufacturers.

Robert Marboe of State College, Penn., retired as assistant director of the applied research laboratory at Penn State University after 36 years.

Janet Prevey of Mankato, Minn., retired from Hennepin County Medical Center as a medical technologist.

Dr. Earl Wood of Rochester, Minn., received the Humboldt Prize from West Germany for senior United States scientists.

'41 A. Morris Gorden of Blackduck, Minn., was elected chairman of the Headwaters Regional Development Commission and re-elected mayor of Blackduck.

Robert Kalton of Webster City, Iowa, was recently named vice-chairman of U.S. Agriculture Secretary John Block's national plant genetics resources. He is also director of agronomic research for Land O'Lakes in Fort Dodge, Iowa.

Russell Kendall of Marina Del Rey, Calif., has retired and is living in Los Angeles.

'42 Kathleen Flom of Silver Spring, Md., retired as a long-time staff member of the National 4-H Council in Washington, D.C., but continues to work as a consultant for them.

Kenneth Ogren of Reston, Va., is the volunteer manning the "Minnesota Connection" desk in the Washington office of Common Cause.

Dr. Edmund S. Olsen and his wife live in Green Valley, Ariz., in the winter.

'43 Dr. Paul Walstad, who retired and lives in Yuma, Ariz., is doing consultant work in Saudi Arabia.

'44 Rowland Hein of Mendenhall, Penn., is retired from the Jackson Laboratory of E.I. DuPont Co., where he was an engineering associate.

'45 Dr. Robert Baker and Marilyn (Harris) Baker, '47, moved to Denver, Colo.

William Crossley of Meriden, Conn., is president of Eastern Building Products, wholesale distributors of building materials and of One Evergreen Corp., owners and operators of office buildings.

Matthew Sutton of Minneapolis is vice president and group executive for the Honeywell aerospace and defense business, avionics systems group.

'46 Dr. A. W. Diessner of Stillwater, Minn., was elected to the Minnesota State Senate from District 56.

Russell T. Jones of Grandville, Minn., retired after 45 years of teaching. He is the executive secretary of the Foster Foundation and chairman of the Grandville Library Board. He also does substitute teaching.

Dr. Alvin Schultz of Minneapolis was elected Minnesota governor of the American College of Physicians. He is also a professor of medicine at the University of Minnesota and chief of medicine for Hennepin County Medical Center.

Harry Taylor of Las Vegas, Nev., is retired.

Irene (Dalbotten) Wilson of Alhambra, Calif., retired as director of food services for the Alhambra school district.

'47 Homer Fausch and Guineveve (Smythe) Fausch, '43, are living near Mora, Minn. Homer retired after 25 years as a professor of animal genetics at California State Polytechnic University in Pomona.

John Holten of Minneapolis was chairman of the downtown council of Minneapolis from 1981-1982.

E. J. LaFave Jr. and Patricia (Paul) LaFave live in Morris, Minn., where he is president of Citizens Banks and she is a general partner in Citizens Realty.

David Frank Named Vice President

David Frank, '70, '72, has been appointed vice president of Korsunsky Frank Erickson Architects, Inc., Minneapolis. His present projects include a new 125,000-square-foot bank at LaCrosse; a 10-story office building in downtown LaCrosse; renovation of the Minneapolis East Bank Riverfront development; and several large-scale housing developments.



'48 Paul Collins of Brookings, S.D., is a professor emeritus of horticulture at South Dakota State University. He received the John Robertson Memorial Award in Horticulture. He is indirectly responsible for many of the shelterbelts now growing in North and South Dakota.

Frank Frankosky Jr. of Minneapolis retired as president of Clark Engineering Company in January 1982.

K. Carl Nomura of Minneapolis is associate group vice president of the semi-conductor group at Honeywell.

Douglas L. Smith of New York City is executive vice president of Planometrics, Inc., national planning consultants.

Roland Tripp of Maumee, Ohio, is the director of project management and corporate engineer of Owens Corning Fiberglas in Toledo, Ohio. He is in charge of all project and construction management for their capital facilities projects.

Bradley Walker of Minnetonka, Minn., is director of security, equal employment opportunity, and special projects at Honeywell.

'49 Patrick Eckman of Brooklyn, N.Y., is assistant to the commissioner in the New York City office of economic development.

Jennings Johnson of Rochester, Minn., is the principal of John Marshall Senior High School in Rochester.

'50 Milt Jacobson of Prior Lake, Minn., received professional certification by the International Home Furnishings Representatives Association.

Robert E. Wilson of Chicago was elected to the board of directors of Heidrick and Struggles, an international executive search firm.

'52 Douglas Fenderson of Shoreview, Minn., was nominated by President Reagan to be director of the National Institute of Handicapped Research. He has been director of the office of continuing education at the University of Minnesota and is a scientist at the Center for Health Services Research at the University.

Herman Kurrelmeier of Smithfield, N.C., is the senior vice president for the Certified Grocers of California Ltd.

'53 William Hambley Jr. of Arlington, Va., was president of the National Conference of State Societies, Washington, D.C. They put on the annual National Cherry Blossom Festival in Washington.

James E. McGraw of Mission Hills, Kan., is executive vice president of Marion Laboratories, Inc., in Kansas City, and has recently been appointed to the Rockhurst College Board of Regents.

Donald Oren of Roseville, Minn., was elected to the Augsburg College Board of Regents. He is president and owner of Dart Transit Company of St. Paul.

'54 Dr. Robert G. Carlson of Menasha, Wis., is a member of the Fox Valley Cardiovascular Association.

Cynthia (Oare) Dewes of Indianapolis is a staff writer for *The Criterion* newspaper in Indianapolis.

Joyce Holm of Luverne, Minn., is a faculty member of Quincy College, Quincy, Ill.

Vivian See of Rancho Palos Verde, Calif., is teaching physical education at Torrance High School in Torrance, Calif.

Donald Moffet of St. Joseph, Minn., is president of Zenith Data Systems, part of Zenith Corporation.

'55 Aurele Durocher of Allendale, Mich., was a recent speaker at the annual convention of the Soo Line Historical and Technical Society.

Gregg E. Ericksen of Wayzata, Minn., is a vice president and controller at Honeywell.

Thomas Holloran of Minneapolis was elected to serve on the Board of Trustees for Minneapolis Children's Health Center. He is chairman and chief executive officer of Inter-Regional Financial Group, Inc. He also is vice president of the Minnesota Alumni Association's executive committee.

Cornelius Powell of Allentown, Penn., is vice president of taxes for Air Products and Chemicals, Inc.

Kenneth A. Johnson of Minneapolis was named vice president and tax counsel for The Pillsbury Co.

Cornell Runestad of Wayne, Neb., is a professor of music and the director of choral activities at Wayne State College.

'56 Arnold Liebman of Montclair, N.J., was appointed to the scientific advisory committee of the National Tritium Facility at the Lawrence Berkeley Laboratory, University of California, Berkeley.

Jacqueline McCauley of La Miranda, Calif., is teaching government at California High School and looking forward to retirement. She would like to hear from her fellow alumni.

'57 Patricia Barton of Columbus, Ohio, received a master's degree in social work from Ohio State University.

Patricia Deiman of Silver Spring, Md., received the Health Resources Administration's special citation. HRA is an agency of the Department of Health and Human Services.

'58 Dr. Roland Hammer of River Falls, Wis., is a Bush Foundation Clinical Fellow. He's on sabbatical after 23 years of family practice in River Falls.

Joel Torstenson of Minneapolis, received the Distinguished Alumni Award from Augsburg College. He's a member of the Augsburg sociology faculty.

David Patten of Edina, Minn., was elected a managing director of Merrill Lynch White Weld Capital Markets, the investment banking component of Merrill Lynch and Co.

'59 Dr. Fredolph Anderson of Neshanic Station, N.J., is assistant director of medical reproduction, clinical research, and development for Ortho Pharmaceutical Corporation, Raritan, N.J.

Patricia Kelley of Iowa City, Iowa, received a doctorate in higher education from the University of Iowa in 1981.

Saralee Mogilner of Edina, Minn., is managing director of Midwest Apparel and Textile in Minneapolis.

'60 Kenneth Gangelhoff of Minneapolis is a realtor affiliated with Edina Realty, Inc.

Frederic Steinhilber of St. Paul is the head of social and behavioral sciences in General College, University of Minnesota. He has traveled to Europe, East Germany and Poland, Japan, Siberia, and the Amazon River in the last few years.

'61 Steven G. Anderson of Lake Jackson, Texas, is senior executive vice president of Intermedics, Inc., a manufacturer of medical products.

John H. Nelson of Tacoma, Wash., is vice president of corporate development for Roman Meal Corp.



ASTM Award Goes to Twitchell

Caryl E. Twitchell, '56, has been named this year's recipient of the Robert J. Painter Memorial Award by ASTM, an international standards-writing organization, and the Standards Engineers Society. He is manager-government liaison for 3M of St. Paul.

Dr. Murray Robinovitch of Seattle is chairman of the department of oral biology in the School of Dentistry at the University of Washington, Seattle.

Arlyn Solberg of Arden Hills, Minn., is a staff consultant in project planning and systems test of new, large scale computer systems for Sperry Computer Systems in Roseville, Minn.

'62 *Melvin Aanerud* of Minneapolis is acting district director for the Minnesota Small Business Administration.

Beverly (Boyce) Blum and *George Blum*, '62, live in Stockton, Calif. Beverly is executive director of Planned Parenthood of San Joaquin County. George teaches history at the University of the Pacific in Stockton.

John Maginn of Omaha, Neb., is executive vice president and treasurer for Mutual of Omaha and its principal life insurance affiliate, United of Omaha.

Merle Woccha of Kalamazoo, Mich., was appointed a senior scientist by the Upjohn Co. He was responsible for the discovery of new microorganisms that convert soy sterols to useful steroid pharmaceutical chemicals.

'63 *Frederick Loe* of Tucson, Ariz., is teaching Roman Catholic theology at Salpointe High School in Tucson.

John King of Glen Ellyn, Ill., was elected chairman of the Illinois Hospital Association.

David Nealy of Greenwood, Ind., is chief of heat transfer on the technical staff at the Detroit Diesel Allison Division of General Motors Corp. in Indianapolis.

Gerald Nemanic of Evanston, Ill., received the Northeastern Illinois University's Presidential Merit Award. The award recognizes professional development, research publications, and creative works, or exceptional service to the university.

'64 *John Austin* of Federal Way, Wash., is assistant vice president of research and development for BN Timberlands Inc., a subsidiary of Burlington Northern Inc.

Robert Raitz of Nashville, Tenn., is president and chief executive of MediShare, Inc., a corporation within MedAmerican through which clinical and management services from the hospital are delivered to other institutions.

'65 *The Rev. James Boren* of Dallas, and his wife celebrated their 44th wedding anniversary aboard the T.S.S. Fairwind in the Caribbean.

David Hubers of Circle Pines, Minn., was named vice president of finance for Investors Diversified Services, a nationwide financial services firm based in Minneapolis.

Lt. Col. Wayne Sorensen of Iowa City, Iowa, is working on a doctorate in health care administration at the University of Iowa through the U.S. Army Medical Department.

'66 *John Burt* of Cincinnati, Ohio, is working in the research and development department of Procter and Gamble.

Yvonne Bretoi of Palo Alto, Calif., is a programmer/analyst with Hewlett-Packard at its Stanford Park division in Palo Alto.

Terry Erskine of Minneapolis is vice president of industrial relations for Northwest Orient Airlines.

Jon Groth of St. Louis Park, Minn., is a consulting communicator in the Communication Resources department of the Agricultural Extension Service of the University of Minnesota.

Donna Knight of St. Paul, Minn., is executive director of Minnesota Wellspring, a collaborative project of leaders in labor, business, education, and government aimed at stimulating technology-powered economic growth and job creation.

Mary Nelson of Swanville, Minn., was named a "Writer of the

Year" by the American Agricultural Editors Association. She is an investigative reporter with the *Farmer/Dakota Farmer*.

W. Harmon Ray of Madison, Wis., is a professor and chairman of the department of chemical engineering at the University of Wisconsin. He was named the recipient of the 1982 Professional Progress Award from the American Institute of Chemical Engineers.

Dr. John Rice of St. Paul opened a new eye clinic for the medical and surgical treatment of eye diseases and injuries. He was previously at the University of Minnesota Health Service.

Dr. John Woods of Rochester, Minn., was elected vice president of the Plastic Surgery Educational Foundation. He is also associate editor for the journal *Plastic and Reconstructive Surgery*.

'67 *Edward Christian* of Danville, Calif., is general manager of national accounts for the western region of the forest products division of Owens-Illinois, Inc. The division operates box plants, container-board mills, a plywood plant, lumber facilities, a bag and film products plant, three short-line railroads, and woodlands in seven states.

Lois Paulson of Faribault, Minn., is president of the Minnesota Association of Professional Employees, Chapter 9 and chairman of the senate district 25 of the DFL.

Willard Philipson of Roseville, Minn., received the Naval Academy's "Information Officer Recognition Award" for 1982.

David Vrieze of Burnsville, Minn., was appointed senior vice president of Paul Burke and Associates, Inc. He will be responsible for the direction of all marketing, sales, account executive services, and marketing communications activities.

'68 *Terry Placek* of Arlington, Va., is attending the Industrial College of the Armed Forces at National Defense University at Fort McNair, Washington, D.C.

Ray Schmitz of Rochester, Minn., is Olmsted County Attorney, the county's chief prosecutor and legal officer. He's also a member of the state executive committee of the Sierra Club.

Ronald Sleiter of Minneapolis was promoted to vice president of marketing for Application Development Systems, Inc., a development oriented company providing tools designed to increase programmer productivity located in San Jose, Calif.

Barbara J. Swanson of Los Angeles, Calif., is an adult reference librarian at the Eagle Rock branch of the Los Angeles Public Library.

'69 *Dr. James Burquest* of Littleton, Colo., completed a three-year endodontic residency and teaching fellowship in 1981 and is now in private practice in Littleton. He is also on the staff of Porter Memorial and Swedish Hospitals.

Vicki Fagre of Minneapolis is an artist and owner of the Ninety Degree Angle picture framing shop. She has been appointed to the board of directors of North Suburban Center for the Arts.

Charles Forsberg of Boston, is a staff member of the chemical technology division of Oak Ridge

Hanna Promotes Anderson

Peter J. Anderson, '72, was promoted to western manager of non-ferrous sales for the Hanna Mining Co., Cleveland, Ohio. He will be based in Portland, Ore., and has served eight years with the company.



National Laboratory. His current interests include methods for disposal of large volume hazardous and radioactive wastes.

George Splichal of St. Paul, is an accountant with the city of St. Paul finance department. He received "The Financial Report Achievement Award" from the Municipal Finance Officers Association of the U.S. and Canada in 1982.

Dr. Richard Stennes of La Jolla, Calif., is the director of emergency services at three hospitals in San Diego. He was elected secretary-treasurer of the American College of Emergency Physicians for 1982.

Donald Williams of Minneapolis has taken an early retirement after 25 years as a media specialist with the Minneapolis public schools.

Alfred Zdrzil of Bemidji, Minn., is a city attorney and is a Great American Family nominee by the Bemidji Jaycees.

'70 *Brian T. Larson* of Mabel, Minn., was re-elected Fillmore County Commissioner. He also has a commercial cattle operation near Mabel.

Keith Peterson of Minneapolis is the director of finance and administration of Cytrol, a producer of custom and packaged on-line transaction processing systems and application software.

Kathleen Skradski of Mendota Heights, Minn., is a supervisor of the reference laboratory at the Minneapolis War Memorial Blood Bank in Minneapolis and was named a recipient of the American Association of Blood Bank's Distinguished Service Award.

'71 *Dr. Macaran Baird* of Wabasha, Minn., is co-author of a book titled, *Family Medicine and Family Therapy: Toward the Primary Care of Families*.

Becky Hom of Jersey City, N.J., recently joined Cambell-Mithun, Minneapolis as a media supervisor.
Dr. Ralph Katz, of West Hart-

ford, Conn., is the head of the department of restorative dentistry at the University of Connecticut School of Dental Medicine. He was formerly a faculty member at the University of Minnesota's School of Dentistry.

Brad Nordgren of Maple Plain, Minn., is director of the new John Wesley and Associates Inc. office in Minneapolis. They serve clients in medical, industrial, consumer, publishing, and financial advertising fields.

Carol Vander Kooi and *Stanley Vander Kooi*, '70, live in Buffalo, Minn. Stanley received the Wright County Conservation Farmer Award for 1982.

Stephen Westmark of Minnetonka, Minn., was awarded the designation of Certified Real Estate Brokerage Manager by the Realtors National Marketing Institute. It is conferred upon only those individuals who have demonstrated exceptional real estate brokerage and marketing skills.

'72 *Robert Dickerl* of Englewood, Colo., is director of the University of Colorado hospitals and clinics in Denver.

Charles Sartell of Minneapolis is the area technical sales representative for B. Heller and Co. of Chicago, selling seasoning blends and spices in three states.

'73 *Robert Abrahamson* of Spring Park, Minn., has moved to Japan where he is sales manager for Advance Machine, Spring Park.

Victoria Bleise of Edina, Minn., was elected an alumni representative to the Ripon College Board of Trustees. She is an account executive for Northwestern Bell in Minneapolis.

William Bingham of Albuquerque, N.M., is a pharmacist at Clinical Pharmacy in Albuquerque.

Marjorie Bolton of Temple, Texas, is the administrator at Killean Mental Health/Mental Retardation Central Counties Center.
Lyndon Hansen of Isanti, Minn., is a senior human services specialist at the Cambridge State Hospital in Cambridge, Minn.

James Jordan Jr. of Minneapolis is executive vice president-treasurer and chief operating officer of Minnesota Mutual Fire and Casualty Company.

Mary Kastner of Colleyville, Texas, graduated with a master's in nursing from Texas Womens University in 1982.

Karen Ohman of Wayzata, Minn., was promoted to director of human resources of The Toro Co.

Dr. James Spenningsby of Detroit Lakes, Minn., joined the staff at the Park Rapids Eye Clinic. He specializes in surgery and diseases of the eye.

Jim Wright of Woodbury, Minn., was named to coordinate development of computer engineering systems for highway designs for the Minnesota Department of Transportation.

'74 *Ann Bjork* of Faribault, Minn., was recently elected the first woman commissioner in Rice County.

Jacob Reiber of Tampa, Fla., has joined the law firm of Linsky & Reiber, attorneys at law.

Pamela Skeels of Shady Cove, Ore., is the recreation forester on the Prospect Range district of the Rogue River National Forest.

Steven Waldman of St. Louis Park, Minn., is president and owner of AHS Advertising in Golden Valley.

'75 *Steven Fecker* of Grand Rapids, Minn., has joined the Grand Rapids law firm of Lano, Nelson and O'Toole.

William Newell of Spring Valley, Calif., is a lieutenant in the U.S. Navy supply corps as supply officer and comptroller of the largest in-

termediate maintenance activity in the Navy located in San Diego.

Barbara Redmond of Minneapolis has a graphic design office in Minneapolis. Recently one of her designs was exhibited in the Bienale of Graphic Design, International Exhibition of Advertising and Poster Art, Brno, Czechoslovakia.

Jerome Winzig of Minneapolis is a systems analyst at Nu-Comp Systems, Inc., St. Paul.

'76 *Richard Beeson Jr.* of St. Paul works for the city of St. Paul in the Department of Planning and Economic Development.

Cynthia Burke of Plymouth, Minn., is director of corporate staff personnel for The Pillsbury Co. of Minneapolis.

Paul Deneka of St. Paul is the director of laboratories and environmental programs at Minnegasco, Inc., in Minneapolis.

Gary Esping of Hutchinson, Minn., is a materials manager for 3M's magnetic audio/visual products.

Antoine Garibaldi of New Orleans, La., is chairman and associate professor of education at Xavier University of New Orleans.

Dr. Stephen Gulbrandsen and *Patricia A. Gulbrandsen* are living in Rochester, Minn., where Stephen is in an oral and maxillofacial surgery program at the Mayo Clinic.

Rosalind Laskin of Duluth, is a member of the University of Minnesota vocal quartet, which performed in Portland, Ore., recently for the National Opera Association Convention.

Richard Norell of Idaho Falls, Idaho, is the District 4 Extension Dairy Specialist at the University of Idaho.

Jillene Olmsted of Toledo, Ohio, is the co-anchor of the 6 and 11 p.m. news for WTOL-TV.



He's Bloomington's Man of the Year

Danny B. Berenberg, '71, executive vice president of the Lincoln Del Restaurants, has been named "Man of the Year" by Bloomington, The Magazine. Berenberg helped back the first Kaiser Roll, a five- and 10-kilometer race featuring many of the nation's top wheelchair athletes.

'77 **Lawrence Boardman** of Minneapolis recently returned from working in Germany for three years. He is now working on a master's degree in history at the University of Minnesota.

James Melzer of Sioux Falls, S.D., is in advertising and sales promotions for GTA Feeds of Sioux Falls.

Richard Straumann of Arden Hills, Minn., received an editorial second place for an Administrative Management Society directory in national competition.

David Zumbrunnen of West Lafayette, Ind., is studying for a master of science degree in mechanical engineering at Purdue University and performing research in the area of advanced tool utilization methods.

'78 **Arugampalayam Dhandapani** of New Orleans, La., is a manufacturing engineer with Martin Marietta Aerospace, New Orleans. The work involves manufacture of external tanks for the space shuttle program.

Morris Hartman of Minneapolis is an attorney in private practice in the Lumber Exchange Building in Minneapolis.

Bryson Hollimon of Minneapolis is vice president of Dyco Programs, Inc., a subsidiary of Dyco Petroleum Corp., an oil and gas exploration company in Minneapolis.

Rebecca Puumala of Crystal, Minn., is substitute teaching in the Twin Cities area.

Eileen Strandlof of Coon Rapids, Minn., is a computer programmer with the IDS Corporation and an active clarinet teacher and performer.

'79 **William Derrick** and **Jeanne B. A. Derrick**, '79, are living in Minnetonka, Minn. Bill is pursuing a masters of business administration degree at the University of Minnesota and Jeanne is pursuing one at the College of St. Thomas.

Dr. Donald Eckhoff of Denver, Colo., is a resident in orthopedic surgery at the University of Colorado.

David Hudson of New York City is working in the political unit of ABC News in New York.

Donald Jensen of Breckenridge, Colo., is a landscape architect and ski instructor. He was recently named Summit County Artist of the Month.

Robert Muscus of New York is a lieutenant in the U.S. Army and is attending an infantry officers career course at Ft. Benning, Ga.

Roy Martens of Minneapolis was named senior financial analyst for the St. Paul Bank for Cooperatives and Federal Intermediate Credit Bank of St. Paul.

Robert S. Olsen of Roseville, Minn., is an agricultural trade show sales manager with Champion Entertainment Productions Inc., in Burnsville, Minn. The job involves selling booth space and writing advertising and press releases for the trade show.

'80 **Gloria Cottam** of Salt Lake City, Utah, is a management services coordinator in the state government.

Laurie Harkins of St. Paul, is a Professeur d'Anglais, Dedougou, Upper Volta, West Africa, where she teaches Noltoics as a Peace Corps volunteer.

Renee Valois of St. Paul is a copywriter for John Wesley and Associates, Inc., of Minneapolis. They serve clients in industrial, medical, consumer, publishing, and financial advertising.

'81 **Gary Diamond** of Rochester, N.Y., is a faculty member of the University of Rochester Medical Center. He has been awarded a Mellon Foundation Grant from the Andrew W. Mellon Foundation of New York.

Dr. Peter Green of Austin, Minn., is in dental practice in Austin.

Lora Sandholm of New Stanton, Penn., is a design engineer with Oglevee Computer System.

'82 **Gearey Halvorson** of Ortonville, Minn., is a pharmacist at Auchstetter Drug. He was awarded the Grand Council Scholarship Key for 1982, given by Kappa Psi Pharmaceutical fraternity.

Deaths

Edna P. Amidon, '19, Eugene, Ore., on Oct. 4, 1982. She was the chief of the home economics branch in the Office of Education for the federal government.

Clarence R. Price, '20, San Diego, Calif., on March 22, 1980.

Rheuben P. Damberg, '21, Janesville, Wis., on Dec. 24, 1982. He was an architect in the Virginia, Minn., area.

Dr. Wilford F. Widen, '20, of Wayzata, Minn., on Sept. 27, 1982. He was a Minneapolis surgeon and chief of staff at Lutheran Deaconess Hospital.

Jean W. Taylor, '21, of Oklahoma City, Okla., on Nov. 2, 1982.

Joseph F. Borg, '23, of Tryon, N.C., on Feb. 5, 1982. He had a distinguished career as an internist and cardiologist in St. Paul until his retirement in 1966.

Josephine E. Looney, '24, of Edina, Minn., on Oct. 11, 1982.

Cyril H. Goulden, '25, of Ottawa, Ontario, Canada, on Feb. 4, 1981. He was one of Canada's foremost agricultural scientists and re-

ceived an outstanding achievement award from the University of Minnesota in 1970.

R. Conrad Cooper, '26, Sewickley, Penn., on Oct. 1, 1982. He was a former executive vice president of personnel services of United States Steel Corporation. He was a star center for the 1924 University of Minnesota football team.

Anthony R. Rollin, '26, Missoula, Mont., in November 1982.

J. Henry Eliassen, '28, Grand Marais, Minn., on April 6, 1982.

Einar Aukre, '28, North St. Paul, on Feb. 28, 1982.

Dr. Conrad Karleen, '29, Edina, Minn., on Dec. 1, 1982. He was a longtime Minneapolis plastic surgeon and dentist and emeritus professor of surgery at the University of Minnesota.

Harlan C. Brown, '30, Raleigh, N.C., on Oct. 10, 1982.

Sophus T. Persen, '31, of Minneapolis, on Oct. 12, 1982.

Jean W. Taylor, '32, Oklahoma City, Okla., on Nov. 2, 1982.

Bernard J. Hein, '37, Albert Lea, Minn., on Nov. 5, 1982.

Dr. David D. Norman, '46, St. Paul, on Sept. 19, 1982. He was a neurologist and psychiatrist for more than 25 years in St. Paul.

John P. Madura Sr., '47, Austin, Minn., on Aug. 11, 1982.

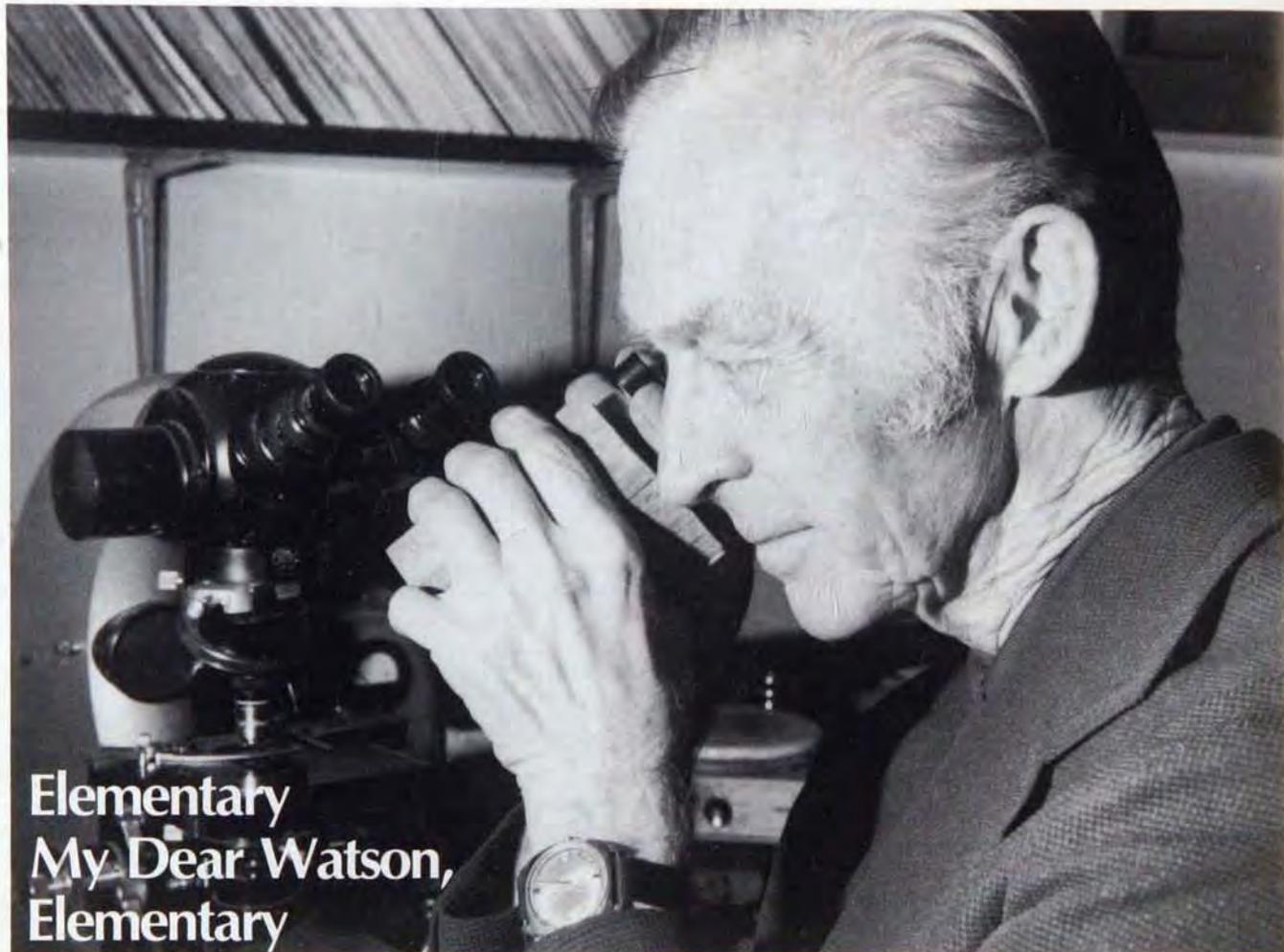
Robert A. Peterson, '49, Crookston, Minn., on Oct. 17, 1982. He was the Ninth District Court Judge.

Richard Slocum, '58, Silver Spring, Md., on Oct. 14, 1982. He was deputy director of the budget for the Department of Transportation until he retired in 1980.

Joyce Victorino, '51, North Hollywood, Calif., on May 25, 1982.

Dr. Lloyd Dedon Jr., '60, Duluth, Mn., on Oct. 10, 1982.





Elementary My Dear Watson, Elementary

Minnesota magazine has learned that B. F. "Kuky" Kukachka died February 17 in Madison, Wis.

Perhaps not. Even the unflappable Mr. Holmes might be taken aback by the amazing things B. F. "Kuky" (pronounced cookie) Kukachka, '37, '42, of Madison, Wis., could tell you from a sliver of wood no bigger than a toothpick.

About 12 years ago, a bartender was murdered in northern Minnesota. Using splinters taken from the victim's body, Kukachka determined that not only were the splinters from the cue stick with which the murderer had stabbed his victim, but also that the wood was ramin wood grown on the island of Sumatra in Southeast Asia. After the trial the prosecuting attorney said that Kukachka's testimony was one of the most important factors in connecting the defendant to the crime in a trial based almost entirely on circumstantial evidence.

Kukachka, who worked for the United States Forest Service's Products Laboratory in Madison for 37 years before retiring in December, uses microscopes, ultraviolet light, and sophisticated chemical tests to determine the nature of wood samples he analyzes. During his career with the Forest Service he identified more than 200,000 wood specimens.

Truly a wood detective, Kukachka has used his expertise to prevent fraud for large lumber concerns who imported expensive exotic woods and wanted to be sure they were getting what they paid for; examine a piece of wood purported to be from Noah's ark — it was white oak; refute a claim that a wood fragment was from the apple tree that was the "Tree of Knowledge" in the Garden of Eden — the wood was from an

acacia tree; and identify wood samples from the antique furniture at Williamsburg. Kukachka was allowed to keep his samples and now has a large collection that includes a sliver from George Washington's bed and one from a ceremonial boat found in King Tut's tomb.

A native of Montgomery, Minn., Kukachka received his undergraduate degree in botany from the University in 1937 and a doctorate in wood technology in 1942. He taught wood technology at Louisiana State University for three years before going to work for the Forest Service.

In 1975, Kukachka was granted "Pioneering Scientist" status with the Forest Service, which gave him the freedom to devote more of his time to research. He spent much of his time researching trees in the Amazon River basin in South America, helping to identify species suitable for lumber. Two species of Peruvian trees were named after him. He also has published scores of research papers, some of which will be the basis for a book on trees in the family Sapotaceae, which will be published by the New York Botanical Garden.

Kukachka, 67, is suffering from a form of oral cancer that makes speaking difficult, but he is continuing his research work, even though he has retired.

In 1978, the University of Minnesota Regents presented Kukachka with the Outstanding Achievement Award. The reason he has been so successful, Kukachka says, is that for him, his work has always been like a hobby. He has never lost interest.

**Twenty years ago
Dobie Gillis made you laugh,
Julian Hook made you cheer and
Al Johnson made you look good.**



At least one tradition survives.

Classic TV comedies, like classic linebackers, come and go. Classic clothiers like Al Johnson, on the other hand, seem to endure forever.

At Al Johnson we offer crisp looking, soft feeling, natural shoulder garments. Always have, always will.

Since 1947, many a discerning gentleman have selected our store

for the eastern look that personifies exceptional taste. If you are one who appreciates this style, value and tradition, rediscover the unique feeling of trading at Al Johnson. Unlike much of your college life, it's one experience you can take with you.



**You'll never
outgrow Al Johnson's**

50th & France and Dinkytown

ONCE OVER LIGHTLY



CHEESE & PLAQUERS

Cheese may help prevent tooth decay.

At least that's what Howard Morris says.

Morris is a cheese specialist with the University of Minnesota Experiment Station.

He is not suggesting that you brush your teeth with cheese.

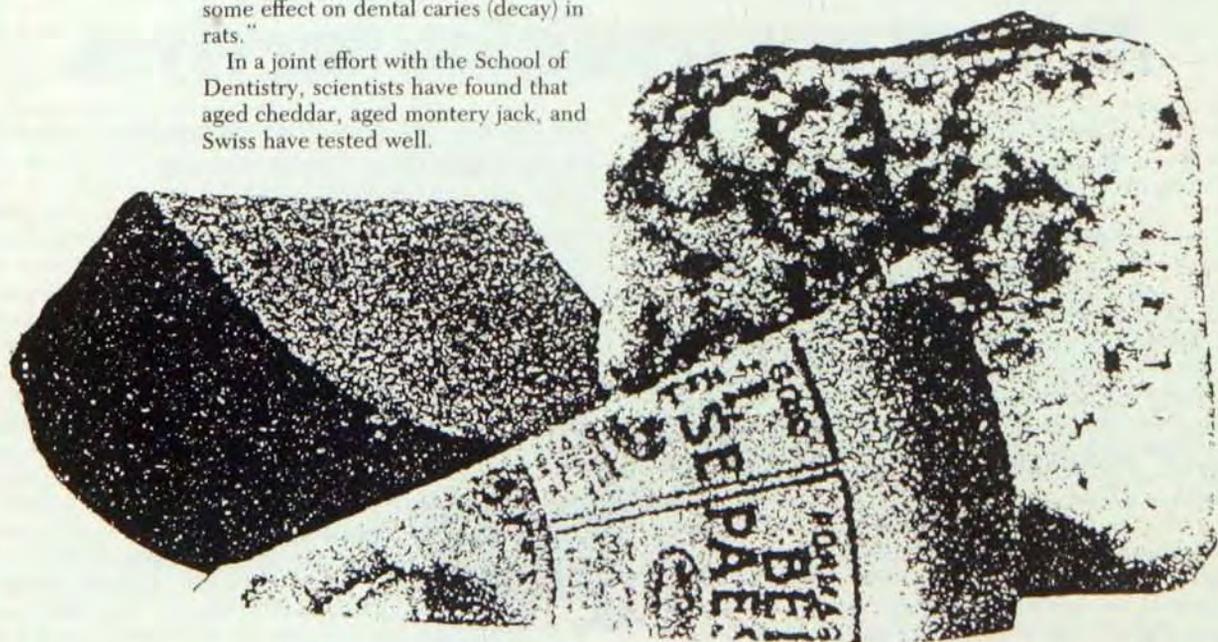
But what he is hinting at is that "... there's some indication that cheese helps to inhibit or block or have some effect on dental caries (decay) in rats."

In a joint effort with the School of Dentistry, scientists have found that aged cheddar, aged monterey jack, and Swiss have tested well.

"This seems to have something to do with the cheese blocking the acid production," he said, which in turn is related to decay.

So don't be surprised if at some later date you pick up a magazine or newspaper or watch television you'll get something like:

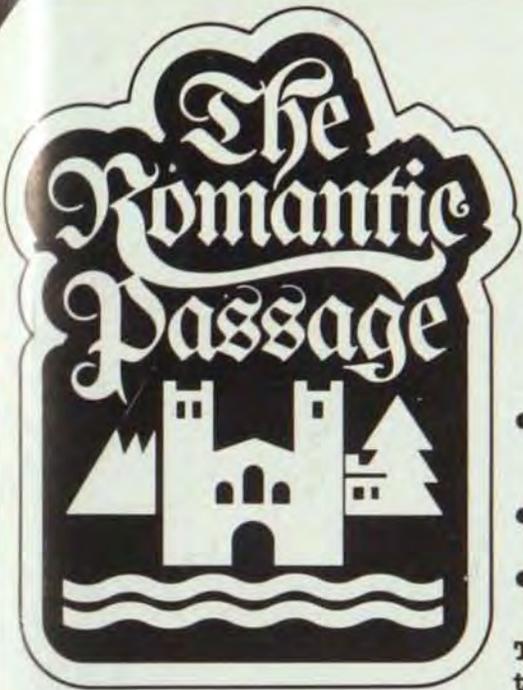
"Remember . . . Nine out of Ten Dentists Recommend Swiss."



The University of Minnesota Alumni Association

AUGUST 7 - AUGUST 19, 1983

From Southern Germany via the Black Forest to the Swiss Alps...



**An Exclusive Travel Value!
Most Meals Included!**

**Your 12-Day Trip-
Itinerary &
Included Features:**

Scheduled Jet Service

- Fly by wide-body jet to FRANKFURT, GERMANY and return from ZURICH, SWITZERLAND via LUFTHANSA GERMAN AIRLINES or SWISSAIR.

FIRST, your NECKAR RIVER CRUISE

- Five day, five night Cruise on the magnificent Neckar aboard the Dutch Steamer M.S. KROES, from Heidelberg's port of Neckargemund to Stuttgart.
- Visit the historic German towns of Heidelberg, Neckargemund, Eberbach, Mosbach, Bad Wimpfen, Heilbronn, Ludwigsburg and Stuttgart. Enjoy some of Germany's most beautiful, undiscovered scenery!
- All cabins are outside with private facilities.
- Friendly Dutch service and continental cuisine — all meals included aboard ship.

- Gala "Bon Voyage" PARTY and DINNER, with wine included.
- Informative lectures aboard ship.
- Sightseeing excursion of Stuttgart.

THEN, BADEN BADEN and the BLACK FOREST

- Private motorcoach, Stuttgart to Baden Baden.
- THREE NIGHTS at either of these elegant hotels: the BADISCHER HOF or the EUROPAISCHER HOF.
- Full AMERICAN BREAKFAST daily.
- DINNER each evening at either of the above hotels.
- By special arrangement UNLIMITED ADMISSIONS to the world-famous CASINO in Baden Baden.

FINALLY, the RHINE FALLS and ZURICH

- Private motorcoach, Baden Baden to the capital of the Black Forest, FREIBURG, then, on to LAKE TITISEE, including lunch at a lakeside inn — and, after a stop at the famous RHINE FALLS, it's off to ZURICH!
- THREE NIGHTS at the deluxe HOTEL ZURICH.
- Full AMERICAN BREAKFAST each day.
- DINNER each evening at a choice of fine restaurants.
- Festive "AUF WIEDER-SEHEN" COCKTAIL PARTY and DINNER, with wine.
- Sightseeing excursion of Zurich.

Many Included Extras

- All transfers in Europe between airports, hotels and piers, including portorage charges.
- Handsome oversize FLIGHT BAGS, Passport Wallets, specially imprinted baggage tags and souvenir Name Badges.
- HOSPITALITY CENTERS in each hotel and aboard ship.
- Services of experienced, mature ALUMNI HOLIDAYS' TRAVEL and CRUISE DIRECTORS throughout.

Optional Excursions

- Offered on your cruise ports of call.
- The beautiful French city of STRASBOURG, with its famous Gothic cathedral.
- The storybook beauty of LUCERNE, the BERNESE OBERLAND and other Swiss highlights!

Send for the colorful brochure which fully describes this Romantic Passage.

**Special MINNESOTA ALUMNI
ASSOCIATION Price: \$2325 per
person from CHICAGO**

Send to: MINNESOTA ALUMNI
ASSOCIATION
100 Morrill Hall
100 Church Street
Minneapolis, MN 55455

Name _____

Address _____

City _____ State _____ ZIP _____

MINNESOTA ALUMNI ASSOCIATION
100 MORRILL HALL
100 CHURCH STREET SE
MINNEAPOLIS, MINNESOTA 55455
ADDRESS CORRECTION REQUESTED

NONPROFIT ORG
U.S. POSTAGE
PAID
ST. PAUL, MN
PERMIT NO. 7388



0000021561 0000888808
SERIAL RECORDS
30 WILSON LIBRARY
309 19TH AVE S
MINNEAPOLIS, MN 55455

This exit is a welcome sight.

Your Minnesota Alumni Association highly recommends your taking advantage of it. Low-cost Group Term Life Insurance is just one of the many common sense benefits available to you through your Minnesota Alumni Association. For more information please call our Administrator at 612-588-2731.

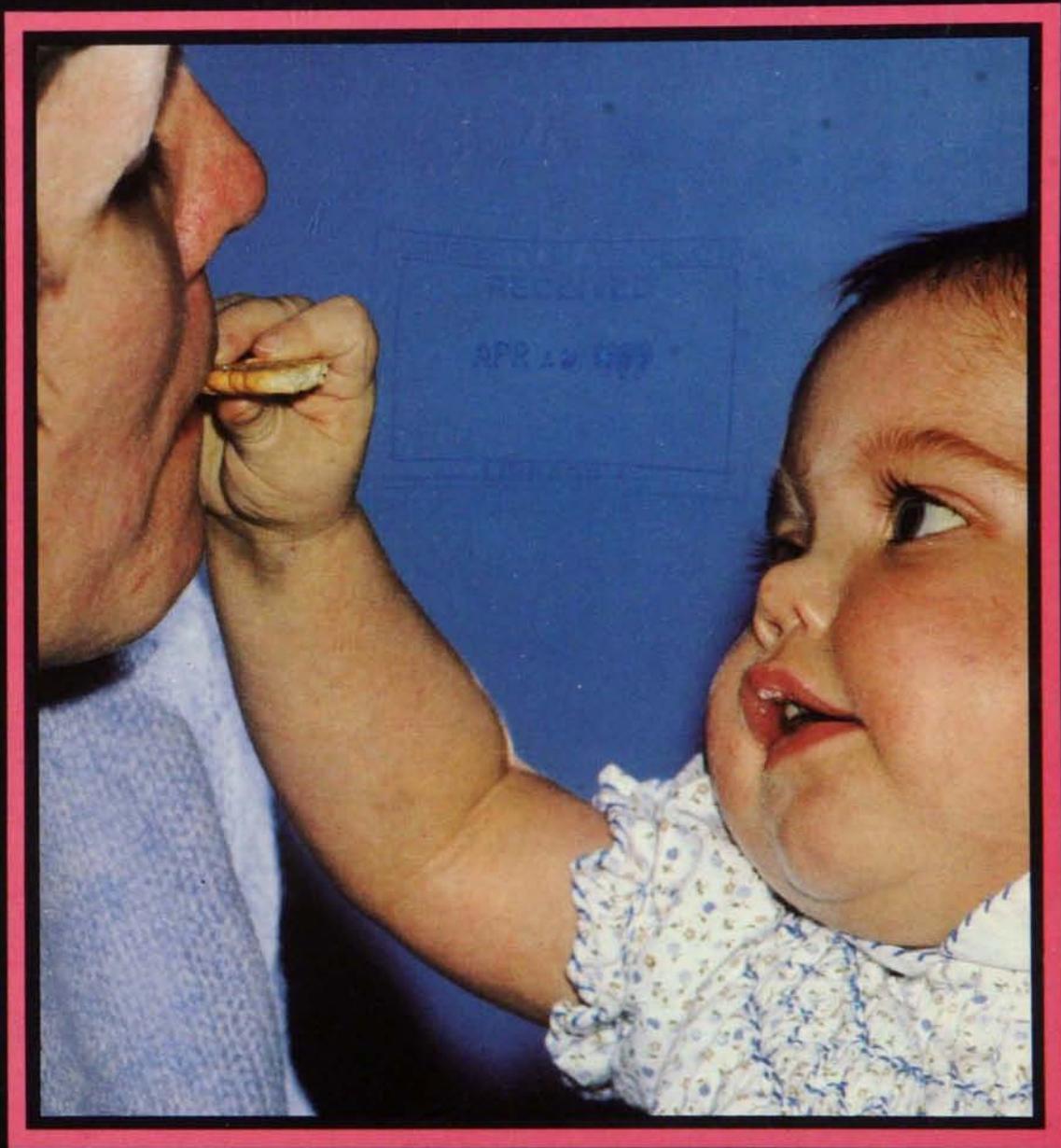
Minnesota Magazine • The Outdoor Store • Recreational Classes • Golf Course Privileges • Low Cost Group Term Life Insurance • Library Privileges • University Press Books • Minnesota Travelers • Alumni Club • Your Minnesota Alumni Association.



MINNESOTA

University of Minnesota Alumni Association

April 1983



There's room at the top. If you are a member of the Minnesota Alumni Association you are eligible to become a member of the Minnesota Alumni Club.

High atop the IDS Building in downtown Minneapolis, towering 50 stories above the city, the Minnesota Alumni Club offers Minnesota alumni an exquisite and spectacular setting. The view is breathtaking; the service exceptional. And the

gourmet menu selections are unsurpassed. The Minnesota Alumni Club is truly one of the Twin Cities' top dining experiences. The Minnesota Alumni Club is the ideal location to celebrate special occasions, entertain out-of-town guests, or to hold business

meetings. Complete dining, banquet, meeting and lounge facilities are available for exclusive use by members.

Club membership requires the payment of additional dues (\$195 resident), (\$40 non-resident) plus a one-time nominal initial fee.



Join us at the top. Apply for Minnesota Alumni Club membership today.
Call (612) 373-2466 and ask for Cheryl.



MINNESOTA ALUMNI CLUB
High Atop the IDS Tower

MIN
M66

MINNESOTA

April 1983

Volume 82 No. 6

Contents

Editor

Richard D. Haines, '76

Associate Editor

Chuck Benda

Assistant Editor

Bev Bachel

Graphic Designers

Alan Johnson, Linda Paulson

Photographer

Rob Levine

Minnesota Alumni Association Executive Committee

President

John W. Mooty, '43, '44

Vice President

Thomas E. Holloran, '55

Secretary

Pamela Lind Nichols, '67

Treasurer

Charles M. Osborne, '75

Members

Harvey Mackay, '54

Penny Winton, '74

William Pearce, '52

Emily Anne Staples, '50

Thomas Bergstedt, '52

William I. Fine, '50

Past President

The Hon. Diana E. Murphy, '54, '74

Executive Director

Stephen W. Roszell



7 Transplants: A New Catch-22?

by Chuck Benda

With recent worldwide attention on liver transplants at the University of Minnesota, questions concerning the medical costs are being asked.



10 How to Become a Good Listener

by Ann Baker

Reading, writing, and speaking are communication skills that get all the attention while listening is ignored. And yet that is what we do most.



12 The Photography of Rob Levine

Some prize-winning photographs from a young graduate student who is on his way to making a name for himself are included in this issue.

Departments

4 Steve Roszell

5 At the 'U'

21 Minnesota Alumni Association

24 Colleges & Schools

32 Class Notes

38 Once Over Lightly

Minnesota (ISSN: 0164-950), April, 1983, Number 6, is published monthly from September through June, except January and February, by the Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street SE, Minneapolis, Minnesota 55455 (612-373-2466). *Minnesota* is sent to the members of the Minnesota Alumni Association. Member of the Council for Advancement and Support of Education. *Minnesota* is a continuation of *The Minnesota Alumni Weekly* founded in 1901.

Cover: Although the Jamie Fiske liver transplant story had a happy ending, a look behind the headlines reveals a much larger medical dilemma. Photo by Mitch Kezar.

STEVE ROSZELL

A Time for Cultivation

As financial problems for the University of Minnesota grow, many turn to "the alumni" with a plea to "help us raise funds — now!" The truth, as private schools have known, is that you don't start by raising money among alumni, you start by raising friends. Alumni support lies in clearly knowing your goals and mission, building a sound educational program to achieve these objectives, and then telling the truth to alumni, friends, and the public.

It doesn't happen overnight.

Alumni cultivation begins when "U" students matriculate. They should be made aware of the role of their university — its history and achievements — and its debt to those who built its quality and reputation.

Fund raising also is a product of involving people with the University. It's not just a matter of asking for money, but of matching donor interests with University programs and of seeking advice and talent in volunteer service.

Cultivation and commitment are the keys. The role of the Minnesota Alumni Association in the cultivation process is vital. Now, more than ever, it is clear that no college can maintain its vitality and quality without strong alumni interest, understanding and involvement. The success of our cultivation efforts will be measured tomorrow, not today. But today, there are reasons to believe

that with your continued support, the Alumni Association mission of research, identification, information, and involvement will reach, identify, inform and involve more uncommitted alumni to sow the seeds of future support. Today your Association informs and involves 30 percent more alumni than three years ago with a membership in excess of 27,000. Our organized constituent alumni groups supporting collegiate programs have grown from 16 to 24 groups in the same three year period. This growth is extremely significant when viewed in the context of the support current members of the Alumni Association now provide for the University.

- 54 percent of all MAA members are donors.
- 50 percent of the Presidents Club are alumni, (about 400 in January 1982) and a review of that group shows that 110 of these alumni were directly involved in alumni activities as a chapter officer, constituent society board member, director or former traveler.
- Our out-of-state alumni chapters have been a primary source of nonresident prospects for the Presidents Club.
- A direct relationship between organized constituent alumni societies and increased annual giving by alumni of colleges with organized programs is verifiable.

Through your membership dues in the Alumni Association, you have provided the University with this growing association of informed, involved gradu-

ates by paying 60 percent of the operations' cost. Your investment in cultivation is paying dividends now but will be even more significant in the future. As our colleges choose "between lighting buildings and enlightening their students," nationally, alumni of our institutions of higher education will be asked to help maintain for future generations the educational opportunity others supported for them. A student graduating this spring is paying 47 percent more in tuition than when he or she started as a freshman at the University, yet tuition represents less than half of the cost of providing that education in most schools at the University. The remaining cost of that student's education is paid for by the state, our alumni and friends.

Most gifts to the University are the result of a cultivation process, maybe it was the inspiration of a special professor who kept in touch with bright students, maybe it was a college roommate or classmate, maybe it was a memorable student experience, Campus Carni, Homecoming, a job on campus or simply the realization that everyone who studied on the Twin Cities campus is part of a family of fellow alumni, sharing common experiences. For each of you reading this magazine, the cultivation continues as you read about the interesting people and programs at the "U." Your continued commitment is vital to our future as an Association as we continue to reach out to involve and inform more alumni for one very important reason, the future excellence of the University of Minnesota.



MAA board of directors meet in the Minnesota Alumni Club where they talk about cultivating alumni support.

AT THE 'U'

University Enrollment Drops First Time in Five Years

A slight drop in the number of students taking classes at the University of Minnesota winter quarter marks the first decline in the regular-quarter enrollment since the spring of 1978.

Enrollment at the university's five campuses totaled 55,712 — a .7 percent decrease from the record 56,091 students signed up for classes winter quarter last year.

Total enrollment fall quarter was 58,962. Historically, enrollment has dipped after fall quarter. The last enrollment decline occurred during the second five-week summer session in 1982, when 4.9 percent fewer students were enrolled compared to the previous second summer term.

The Twin Cities campus closely reflected the overall drop with a .5 percent decrease in enrollment, which brought the number of students to 44,702 — 240 fewer than winter quarter 1982.

The largest percentage drop was at the Morris campus, which reported 92 fewer students than last quarter for a 5.6 percent decline to 1,527 students. The Duluth campus enrollment also fell, by 1 percent, to 7,124 — a loss of 79 students.

Two campuses, Crookston and Waseca, however, reported a rise in student enrollment over last winter. Crookston's 2.3 percent increase boosted its enrollment by 25 students to 1,094. Waseca's .5 percent increase brought that campus's total enrollment to 1,265 — seven more students than last winter.

Despite the small drop in Twin Cities enrollment, some units showed gains. The Institute of Technology reported 250 more students than last winter — a 4.4 percent increase. Enrollment at the School of Management is up by 148 students for a 12.1 percent rise.

With a 1.5 percent decline in enrollment, the College of Liberal Arts has 260 fewer students than last winter, but with 16,659 students it remains the largest single unit at the university.



AT THE 'U'

Courses Cancelled, Grad Assistants Cut

The latest round of budget cuts at the University of Minnesota resulted in the cancelling of 100 courses or sections during the spring quarter, and a reduction of teaching assistants.

"It's not a pretty picture," President C. Peter Magrath said when he recently outlined these and other cuts for the Board of Regents. "This is what happens when you keep cutting and cutting and cutting. We have been hurt, and those hurts are now becoming visible and disquieting."

The recent cut of \$3 million in state funding for the University comes on top of \$51 million in cuts earlier in the biennium. "We fervently hope this cut is the last one in this biennium," Magrath said, but the University felt it necessary to retrench by \$4.5 million to cover further contingencies between now and July 1.

Because the \$3 million cut came so late in the biennium, Magrath said, the choices were extremely limited. "We have taken the cuts as selectively as possible where there were still resources available," he said, but "we wouldn't pretend it's been a perfect process."

Shawn Mahoney, student representative to the board, protested that the burden of the cuts would fall most heavily on students. "The students are paying," he said. "I have a hard time believing these are the only alternatives."

Magrath said he appreciated Mahoney's concern, but he said "we are down to the point where the only choices we have are bad choices." Many of the specific cuts will be reversed when the new fiscal year begins July 1, he said, but the \$3 million is a base reduction and any cuts that are restored will have to be replaced with other cuts.

Some of the other cuts that are expected to achieve the \$4.5 million retrenchment include:

- Hiring fewer visiting professors and seminar speakers;

- Closing the Bell Museum of Natural History on the Twin Cities campus during the month of June;

- Spending \$60,000 less on grounds maintenance;

- Saving \$129,360 by lowering building temperatures from 68 to 65 degrees;

- Saving \$191,000 by imposing a freeze on replacement hiring in custodial services and eliminating spring quarter clean-up projects by student workers; and reducing transcript services, returning to an eight to 10 day turnaround time that Magrath said is "unacceptable."

Overall, the largest total cuts will come from academic departments (\$1.3 million), health sciences units (\$748,000) and units reporting to the vice president for finance and operations (\$1.2 million).

Philosophy Professor Named Assistant Vice President

John Wallace has been named an assistant vice president for academic affairs at the University of Minnesota.

Wallace, 44, has been associate dean of the University's Graduate School since 1978. He joined the University's philosophy department in 1972 as a professor, specializing in the philosophy of language.

Wallace will work under academic vice president Ken Keller to improve undergraduate education and the University's outreach efforts to educate and to work with people in the community.

In a letter to the regents, Keller cited Wallace for his role in getting major grants to support faculty sabbaticals and in developing learning programs for undergraduates. In the past two years, Wallace has started a seminar program for people in the business community and has been involved in bringing liberal arts faculty members into programs run by the Agricultural Extension Service.

Because of a resignation of a member of the university's central administration, Wallace's appointment does not involve extra expenditures.

Wallace earned his undergraduate degree from Yale University and his doctorate from Stanford University. He was previously on the philosophy faculties of the Case Institute of Technology and Princeton and Rockefeller universities.

David Lilly Named to Special Post on Economy

David Lilly has been named to a newly created University of Minnesota position meant to help Minnesota out of its economic troubles.

Lilly, the former president and chairman of the board of the Toro Co. and a former member of the Federal Reserve Board, will take a six-month leave of absence from his position as dean of the University's School of Management to become presidential consultant on the university and Minnesota's economy.

University of Minnesota President C. Peter Magrath said the purpose of the new post is to "give me and the University advice on how we can improve the contributions of the University to the Minnesota economy."

Lilly will chair the Task Force on Minnesota Higher Education and Economy, a new University committee developed as part of the internal planning process. Membership on that task force has not yet been announced.

In addition, Lilly will work with and advise Magrath on various gubernatorial and state commissions on the economy, such as Minnesota Wellspring, the Minnesota Business Partnership, and the Medical Technology Commission; and the whole range of activities related to promoting economic recovery on the Iron Range and in northeastern Minnesota.

He also will be the University's representative to Research Equipment Inc., a new for-profit subsidiary of the University Foundation.

"The University has a long history of supporting the state's economy, but we have been looking for some time at ways in which we can relate even further to this new phase of state economic problems," Magrath said.

Lilly has been dean of the School of Management since June 1978. He served on the Federal Reserve Board from June 1976 to February 1978 and was with Toro as vice president and director, president or chairman of the board from 1945 until 1976.

For the next six months Edward M. Foster, associate dean of the school, will serve as acting dean.

TRANSPLANTS:

A NEW CATCH-22?



TOM FOLEY

Some liver transplants can cost as much as \$175,000.

by Chuck Benda

The Jamie Fiske story focused the nation's attention on the liver transplant program at the University of Minnesota Hospitals. It was a heartwarming story with a happy ending. But it underscored a tremendous moral and ethical problem that is arising as medical technology continues to advance: the high cost of liver transplants and other complex life-saving procedures exceeds most individuals' ability to pay.

Jamie, an 11-month-old girl, was suffering from biliary atresia, a congenital liver defect that usually leads to death before the age of four. In the fall of 1982, with Jamie's condition worsening, there was some fear that she would not reach her first birthday without a liver transplant. The doctors on the University's liver transplant team had determined that Jamie was suitable for a transplant and that she was still healthy enough to withstand the rigors of the long and difficult surgery that liver transplantation requires. The problem was finding a suitable donor. Jamie needed a liver from a young child, someone close enough to her size so that the liver would fit in her tiny body.

Jamie's father, Charles Fiske, a hospital administrator, in an unpre-

cedented appearance by a layman before the American Academy of Pediatrics, urged 1,000 academy members attending their annual meeting in New York City to "keep your eyes and ears open for the possibility of a donor. Jamie wants to survive." In addition, he sent telegrams to 5,000 pediatricians and placed an appeal in a newsletter that reaches emergency room staffs in 1,000 hospitals.

Fiske's ploy worked. Newspapers across the country carried the plea for an organ donor. The three national television networks covered the story as well. The University was deluged with calls from people who wanted to help. Some 500 would-be donors contacted the University, including some, who in their earnest desire to help Jamie, confused their kidneys with their liver and, thinking they had two livers, offered to donate "one of theirs."

A suitable donor was found and on November 5, 1982, Jamie underwent six hours of surgery that saved her life. Heartwarming stories about her were carried in newspapers across the country, including a story about Jamie's first birthday party, which took place in the University Hospitals during her stay for the tests and checkups that are a normal part of the aftercare required for a transplant patient.

The attention Charles Fiske was able to focus on his daughter's plight did a

great service to the University's liver transplant program and to other liver transplant programs as well as to all organ transplant programs. The search for a liver for Jamie uncovered a donor whose liver, although not suitable for Jamie, was used to save the life of an older patient at the Children's Hospital at the University of Pittsburgh.

On a larger scale, the publicity generated by Fiske, underscored what is probably the biggest problem confronting organ transplant programs around the world — a shortage of suitable organs for transplantation. Whether it be their kidneys or hearts or livers that are failing them, thousands of people are waiting for the "gift of life." Increased public awareness of the need for such organs should help alleviate the shortage.

The success of Jamie Fiske, however, may have raised people's expectations beyond what is reasonable. Not everyone whose liver is failing is suitable for a transplant. And there is still a severe shortage of suitable donors.

But a more difficult problem has arisen along with the advancing medical technology that has made such life-saving transplants possible. With medical costs spiraling, the cost of a liver transplant, according to Dr. John Najarian, chief of surgery at the University Hospitals, at a minimum is

\$100,000. The cost could go as high as \$175,000, he said.

The policy at the University, which is similar to the policy at all major transplant centers, is to refuse to perform a liver transplant — or any other transplant — on an out-of-state patient who cannot demonstrate the ability to pay. Minnesotans who are unable to pay, are eligible for state assistance. The only way that the University Hospitals could recover the costs would be by passing them along to other patients — a practice the hospital administration considers unfair since many of these patients have already been encumbered with a tremendous financial burden.

The University, one of the pioneering institutions in transplant surgery, has ironically, become somewhat of a villain in the eyes of those connected with hopeful transplant recipients from other states. News stories focusing on the University's demand that patients in need of a transplant come up with \$175,000 before they proceed with the surgery, have raised the ire of scores of people who only see a baby or young child dying and a hospital refusing to help.

"How can you turn this child away?" they might ask. Or, "How can you place a price tag on human life?" These are not easy questions to answer. Perhaps the only way to answer is with another question: Has medical technology advanced beyond society's willingness and ability to pay for it?

* * *

Of all major organ transplants, including heart transplants, the liver transplant is by far the most difficult and demanding procedure. The reason is that a liver transplant requires five or six connections with blood vessels whereas a heart transplant requires only two or three at most.

The first attempt at a liver transplant on a human being was done in 1963. Much of the early research and development on the liver transplant was done by Dr. Thomas Starzl, a surgeon at the Children's Hospital at the University of Pittsburgh. Starzl performed more than half of the first 400 liver transplants.

The liver transplantation program at the University was begun in the late 1960s according to Dr. Najarian. Early

success was limited with about 20 percent of the patients surviving through the first year after the transplant. There were problems with the procedure and problems with the recipient's bodies rejecting the new livers.

"During the period of about four or five years," Dr. Najarian said, "12 liver transplants were done at the University. Because of what we considered rather poor results, we decided the procedure needed more work in the laboratory and we discontinued the clinical program."

According to Najarian, the program was restarted about three years ago, because of the advances in the surgical procedure and because of the success of a new drug, cyclosporine, in suppressing organ rejection by the body's immune systems.

In the three years since the program was reinstated, seven liver transplants have been performed. Three of the re-

The liver transplantation program at the University was begun in the late 1960s with about 20 percent of the patients surviving through the first year after the transplant.

ipients are still alive, Najarian said, including one who has lived three years, Jamie Fiske, and another patient who received a transplant in February.

In late February, six other patients were awaiting liver transplants. According to Dr. Neal Vanselow, vice president for Health Sciences, all but one were from outside of Minnesota. And several were struggling to come up with the \$175,000 that would be needed should a suitable liver become available.

* * *

"I think what we're seeing here is a very dramatic example of a tremendous dilemma that's facing socie-

ty in the United States," Vanselow said. "I don't think we would feel comfortable no matter what position we took."

"If we just took all these patients (for liver transplants) and passed the cost on to other people who were unfortunate enough to be in the hospital on a given year and had their bills increased because of it, we wouldn't feel right. At the same time, I don't think anybody feels comfortable with the current policy. This is kind of a no-win situation. No matter what you do, you're not doing as much as you would like to."

It is not an easy decision to make, to refuse treatment to those people not from Minnesota who cannot pay, but it is, according to Vanselow, a decision that has been agreed upon by the Board of Regents, the University Administration, the Hospital Administration, and the doctors at the hospitals. It applies not only to liver transplants, but to heart transplants, bone marrow transplants, and, in effect, almost every form of care the Hospitals provide. It becomes a question of the greater good. If the bills aren't paid, eventually the University Hospitals would be unable to help anyone. The decision implies that it would be unethical to force those who can pay to shoulder the burden of those who can't, realizing that at times, even those who can pay for their treatment are pushed to and beyond the limits of their own financial resources and are sometimes burdened with a debt that will take them years to pay.

"Probably the most common misconception is that this hospital and others have a big pot of money someplace," Vanselow said. "A room so to speak, filled with money, and, in any case where somebody can't pay, you just open the door and pull some out to pay for the procedure."

Another misconception, according to Najarian, is that the high cost of a liver transplant has been inflated by exorbitant surgeons' fees. There are no surgeons' fees at all included in the cost of a liver transplant, Najarian said.

"(People think) that there's some sort of fee, that if you didn't charge the fee, there wouldn't be any costs involved," Vanselow said. "We're talking about nurses we have to pay. We're talking about supplies — very expensive drugs, blood products that we have to buy. They are real costs and they won't go away if we don't charge the patient for them. It just means that somebody else has to pay for them."

To break the cost down roughly, Najarian said that about 40 percent of the cost of a liver transplant is for hospitalization — room and board, so to speak. The other 60 percent, Najarian said, goes for lab work, supplies, X-rays, operating room time, consultations, and other expenses.

"You need very intensive nursing care for these patients," Vanselow said. He added that many of these patients must spend a great deal of time in intensive care units to prevent infection because the anti-rejection drugs increase their susceptibility to infection.

Najarian said that these costs should come down some as the transplant procedure is refined, but the cost is still going to be high. Vanselow said that society may very well have reached a point at which medical technology has advanced beyond its ability and willingness to pay.

"One of the most dramatic examples is the Barney Clark case with the artificial heart and the huge costs that are being incurred in Utah," Vanselow said. "Medical technology has advanced so that we can now treat things that we couldn't even think of treating a few years ago. We can save lives that we couldn't have saved a few years ago. But only at tremendous costs.

"At the same time," Vanselow continued, "there is tremendous concern in this country about the rising costs of medical care. The health care industry is now about 10 percent of the gross national product. It's been rising in recent years very significantly. I think there are two questions that need to be answered: What percent of the wealth of this country do we want to devote to health care? and: How should we spend it?"

"Should we spend large amounts to save single individuals through liver transplants or artificial hearts?" he asked, "or would we be better off — let's take the \$175,000 liver transplant for example — buying 175,000 doses of some kind of vaccine at \$1 a dose and immunizing 175,000 children?"

"I'm not sure the medical profession can make those kinds of decisions alone," Vanselow said. "I think we can develop the procedures. We can decide medically who is or is not a candidate for these procedures, but I think society is going to have to tell us how much of their money they want spent for health care, and then, how they want it spent."

"Our bottom line has always been quality of life. If you can't achieve quality of life, then it's not worth doing. If you can achieve quality of life, then it has to be paid for."

Najarian agrees that medical technology has advanced beyond society's ability and willingness to pay. He also believes that society is going to have to play a role in answering the questions of how much to spend and where to spend it. But there is one criteria he feels sure of in making these decisions — the quality of life that will accompany the procedure.

"If you want to spend your money for artificial hearts, that's silly," Najarian said. "I mean, that's no way to spend your money. It's a lot of money for nothing. Barney Clark is a man who has had his life extended — more likely, it's better to assume he's had his death extended. I don't really think he's had much joy or quality of life out of what he's had done and it has cost an awful lot of money already.

"Our bottom line has always been quality of life. If you can't achieve quality of life, then it's not worth doing. If you can achieve quality of life, then it has to be paid for. The public must make a decision on whether it's willing to pay the price for the transplants, and for whom, and if you do, then where is the money going to come from?"

"It's kind of a lifeboat philosophy," Najarian said. "We grab the lifeboat. We have to select how many people we can put on board; how many we can afford to put on board; how we choose those people; and who pays for the lifeboat. I think we can ask far more questions than you can answer, but we can't evade them. These are questions that are there, are real. People are dying, when they don't have to. We have to accept how often and how much of that you are willing to accept."

The University Hospitals have taken steps to help potential liver and other organ transplant patients who cannot pay the costs of a transplant. First of all, they will do the necessary tests to determine if a candidate is suitable for a transplant even if the candidate does not have the ability to pay for the transplant, since they do not think it would be right to let the candidate go through the process of raising the money only to discover the operation won't work for them.

Secondly, the University has representatives in the Hospital's business office who will help the patients in their home states by working with the state's medical assistance office and other agencies in the state to identify ways in which the bill can be covered.

Thirdly, a transplant fund has been started at the University Medical Foundation from private donations. Many people have made donations to the fund, but at this point it is not large enough to make a significant contribution to solving the problem.

Most medical insurance policies do not cover procedures such as liver transplants because they consider them experimental. Najarian thinks that that is merely a semantics game to avoid paying for the procedure, since 60 to 70 percent of the liver recipients live for at least a year.

Vanselow said that if insurance companies begin to pay for these procedures, it will be reflected in premiums and that eventually the decision comes back to society as to what we will and won't pay for.

One possible solution is some form of national catastrophic health insurance in which the federal government would pay for these procedures. The federal government currently pays for kidney transplants for those unable to pay themselves through a program established in 1975 by an act of Congress. But still it will be up to society to pay.

As medical technology continues to advance, the scenario of the television series "The Six Million Dollar Man" is not far off. One day we may very well be able to literally pick a man up and put him back together again. But what are the moral and ethical questions we will be forced to answer. Who will get to be the six-million-dollar man? Who will decide? And who will pay for it?



BOB LEVINE

You're talking away, trying your darnedest to explain what needs to be explained, and it's no use: The other person just won't listen.

You've a right to feel annoyed, and you're certainly not alone. Communications experts suspect more wars have been started and more marriages ended by failure to listen than by anything said.

Yet few people have even thought about learning how to become a good listener. When a message doesn't get through, we tend to blame the speaker. When we study communications, we study reading, writing and speaking. We think of listening as something passive and weak, hardly worth our serious attention.

Ralph Nichols discovered the opposite 50 years ago while coaching high school debaters in Iowa.

It was in the depths of the Depression, and, he recalls, "your job depended on how well you succeeded in doing the things you were assigned."

How to Become A Good Listener

by Ann Baker

He felt his teaching job depended on getting the students in Fort Dodge to win some debates, so he concentrated on building their skills to demolish the opposition.

Before long, Nichols began to realize it wasn't how fluently the debaters spoke that helped them win; it was how well they heard their opponents' arguments. Only when they listened carefully could they pick out the other side's flaws and overpower the evidence.

The Fort Dodge students went on to win the Iowa state championship, and

Nichols went on to teach and investigate listening skills. While heading the rhetoric department at the University of Minnesota's St. Paul campus from 1944 to 1972 he introduced several listening courses and became known nationally as "the father of listening."

In turn, one of Nichols' disciples, Lyman "Manny" Steil, who started teaching the university's listening courses when Nichols retired, built an international organization and profitable business around the art of listening. Steil gets thousands of dollars to lead a how-to-listen seminar for salesmen, corporate executives or government officials.

Listening has become — "I don't like the word 'fad,'" Steil says — "but certainly a hot topic." It's so hot, in fact, that now he says scores of self-appointed experts with few credentials are finding plenty of audiences willing to listen to what they have to say about listening — and to pay them plenty, too.

Still, most of the audiences are in board rooms and convention halls: They're businessmen lending their ears to the cause of making more money. Most of us have not heard that we usually use only a fourth of our listening power or that we can learn to use the rest. When Steil investigated the teaching of communications skills in Minnesota schools, he found listening almost universally ignored.

"We spend the greatest amount of time teaching people to do what they spend the least time doing — writing," he says. "And we spend the least amount of time teaching them what they do most in life — listening. It's lamentable because listening is much more complex than reading. The message is written on the wind. It's transient. If we don't get the message the first time, there's usually no going back."

Back in the 1940s when Nichols analyzed the listening habits of hundreds of students for his doctoral research, he discovered four main things separated good from poor listeners. The good ones:

- Overcome distractions.
- Detect the speaker's pattern of organization; if none is apparent they weave a pattern of their own around what he is saying. They look for the main ideas rather than assorted facts.
- Control their emotions — especially crucial in a conversation between two people. "Let the man talk and finish it," Nichols says. "Get angry afterwards, not in the middle of the discourse. It will throw you out of sync and you'll be a bad listener from then on."

• Take advantage of the fact one generally thinks four to five times faster than the average 130-word-per-minute speech. Instead of daydreaming or getting impatient, good listeners use the lag time to make mental summaries and written notes of ideas to pursue later.

"All too often we tune out a speaker because we don't like his looks, voice quality or opening line," says Nichols. "And very often we miss something important . . ."

"It is almost impossible to hate a person whom we fully understand, and the way to understand a person is to listen to him. If we find the common ground between us and an apparent adversary and emphasize common needs, we'll go much further to resolve conflict. The good listener seeks resolution of conflict. The poor listener instead tries to manage conflict."

Steil, whose shirts have the word *listen* embroidered on the cuffs, likes to express his message in the form of an equation: "Listening = Ability X Willingness."

"We're talking about complex human behavior," he says. "A lot of people like to be talkers. A lot of people view listening as passive, as a weakness. It's true that a lot of things aren't worth listening to, but the catch is you don't know that until afterwards."

"Listening is much more than tips and techniques. You can teach the ability, the techniques. Willingness is something deeper."

Steil, who was a rhetoric professor at the University for eight years, now runs a consulting firm, Communication Development Inc., from the basement of a large lakeside home in North Oaks that he shares with his wife, Dee, and three children, ages nine to 15. In 1979 Steil

"All too often
we tune out a
speaker because
we don't like
his looks, voice
quality or
opening line."

began conducting seminars on listening for the Sperry Corp., and he has trained thousands of its employees around the world. The same year Steil founded the International Listening Association, which now has 300 members.

Steil says we communicate with one another on four different levels.

First is small talk, informal conversation. Though some people sniff at small talk as a trivial time-waster, most of us find it essential for getting to know one another. Steil says it is the thing that develops binding relationships.

Second level is catharsis, venting feelings, sharing problems and frustrations. When someone expresses his emotions, he needs a listener with empathy who will just listen — nod, say, "I see," and not jump in with advice or criticism.

The third level is exchange of information.

Fourth is persuasion.

What often botches communication, Steil says, is that a speaker may be on one level and a listener on another. "If you need to receive basic information quickly, it will be maddening to have to hear a lot of first-level talk about the weather or fourth-level pressure to change your attitudes."

But Steil says listeners need to be aware of which level the speaker is on. Usually, people start at the first level and work their way up. If you realize that, it becomes easier to hear them out.

Another important thing for listeners to remember is to let the person speaking know your response. Steil says it is good form and good listening to say "I didn't get that," or "Would you say that again, please?" Even "That's ridiculous!" is better than saying nothing, showing no facial expression, just letting the talker drone on as if you understood and agreed with him when you don't. Only if you respond do you give him a chance to clarify or correct himself.

Finally, for serious listening, Steil said he cannot overemphasize the value of taking notes. It amazes him that in most courtrooms judges instruct juries not to take notes, on the assumption that it will distract them. Steil says all the research on listening indicates the contrary, that taking notes "heightens your tuned-in listening," helping you remember what seemed most important to you when you heard it. It also helps you avoid going to sleep, daydreaming or letting your emotions obstruct what is being said.

As Nichols always stressed, Steil tells people that you have to keep alert throughout a speaker's presentation or you will miss the gems he may utter when you least expect them.

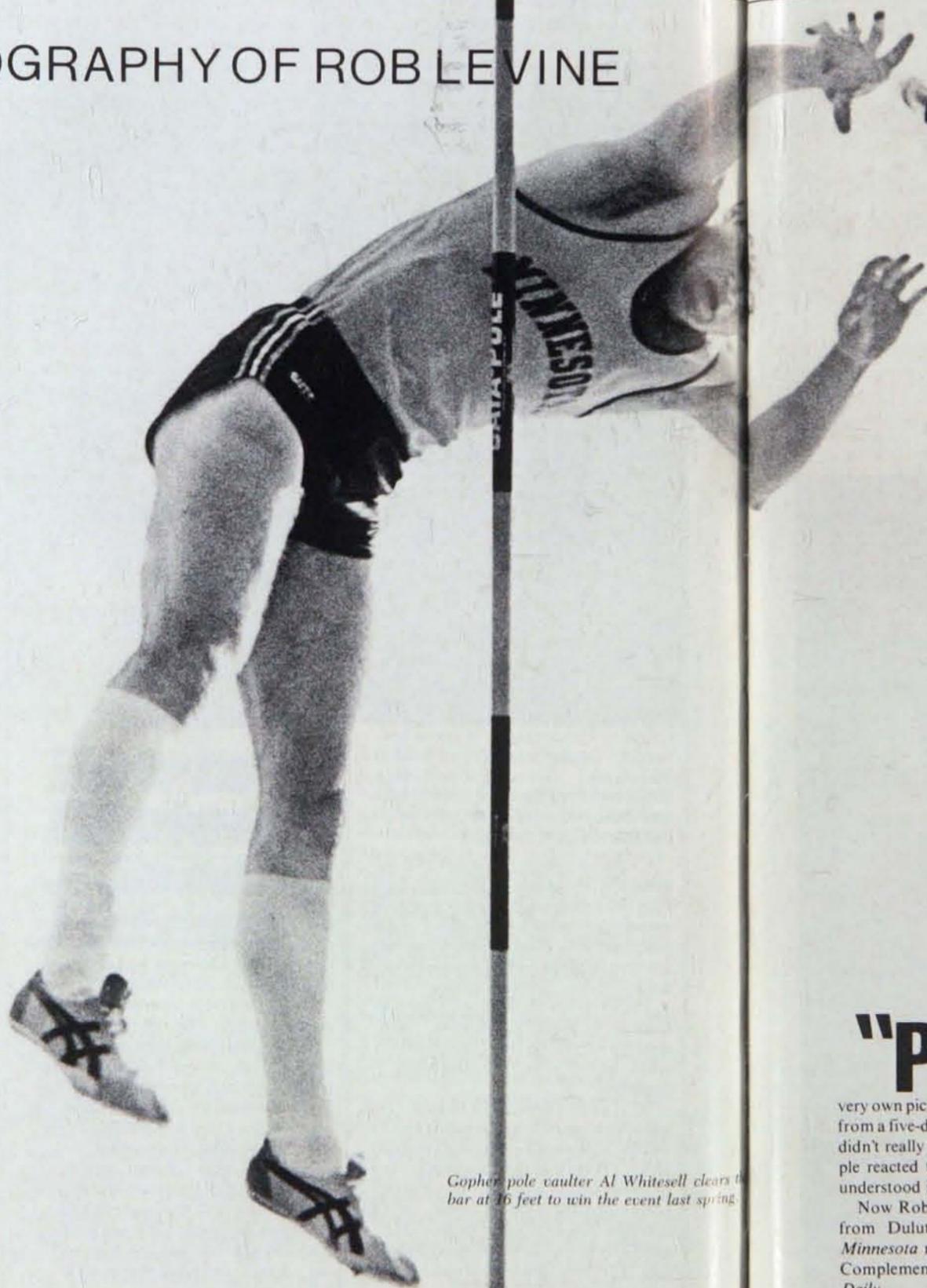
Does that mean you need to listen intently to everybody all day long?

"I think it's justifiable to tune out someone as long as you do it consciously," says Nichols. "Use a bunch of grunts, 'Um,' 'Really?' 'You don't say?' while you free your mind up to think about personal problems."

"But with people you care about that's dangerous," Nichols adds. "Better to say, 'I'm sorry, I've got to think about something else. Would you excuse me if I don't listen?'"

Ann Baker is a staff writer for the Pioneer Press where this story originally appeared. It is reprinted with permission.

THE PHOTOGRAPHY OF ROB LEVINE



Gopher pole vaulter Al Whitesell clears the bar at 16 feet to win the event last spring.

"Photography. It's enticed me since the day I first saw my very own pictures of the Badlands, pictures from a five-dollar box camera. Back then I didn't really understand how or why people reacted to photography, but I surely understood its magic."

Now Rob Levine is a graduate student from Duluth who shoots pictures for *Minnesota* magazine and is editor of the Complement section of the *Minnesota Daily*.

He expects to get his master's degree in photography from the University in December 1984.

In the recent Minnesota Newspaper Association "Better Newspaper Contest," Rob placed first and second in news photography; first in sports; first in the photographer's portfolio; and first in portrait, personality, college division.

As one of the judges wrote in the news category:

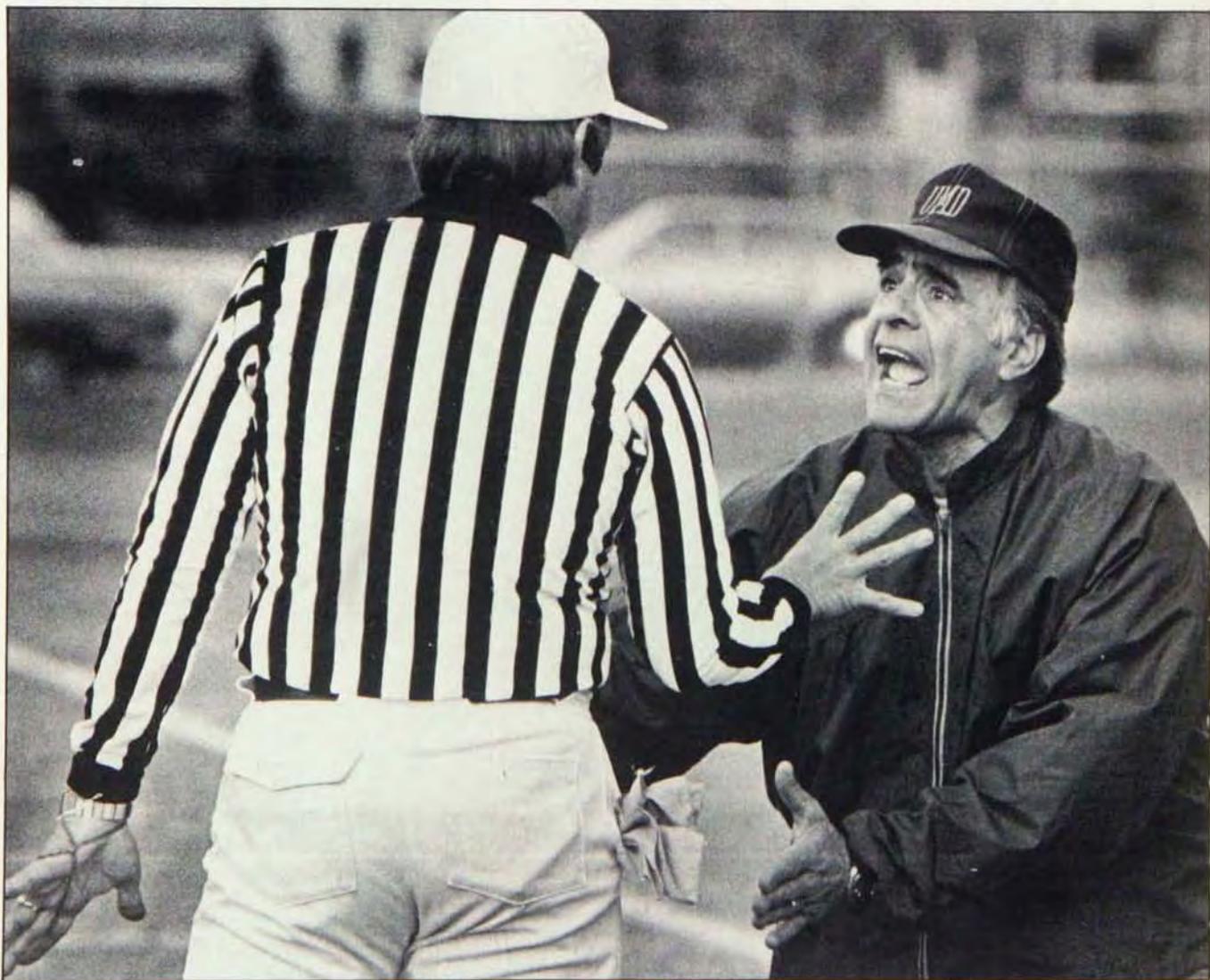
"You have to be there to capture the action. The photographer was there. And he got the shot. Dramatic."

Rob also recently placed in the National Press Photographers Association's regional contest, including entries from Minnesota, Iowa, Wisconsin, and Illinois.

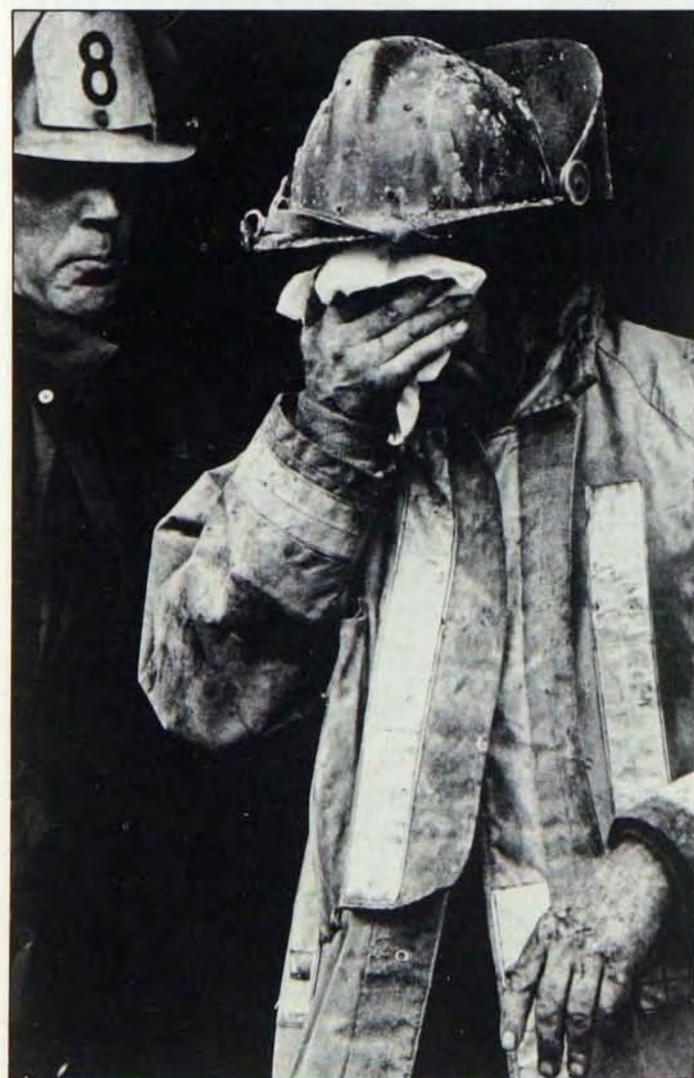
"I finished 11th, ahead of all Twin Cities photographers but one, Murray Koodish of the *St. Paul Dispatch*, who finished 10th," Rob said.



*Left: Civil disobedience protest in Des Moines last fall at the trial of a non-registrant.
Below: University of Minnesota, Duluth, football coach Jim Malosky gives an official some grief.
Far right: Police and demonstrator clash at the Uptown Theatre presentation of a second Nazi propaganda film.*

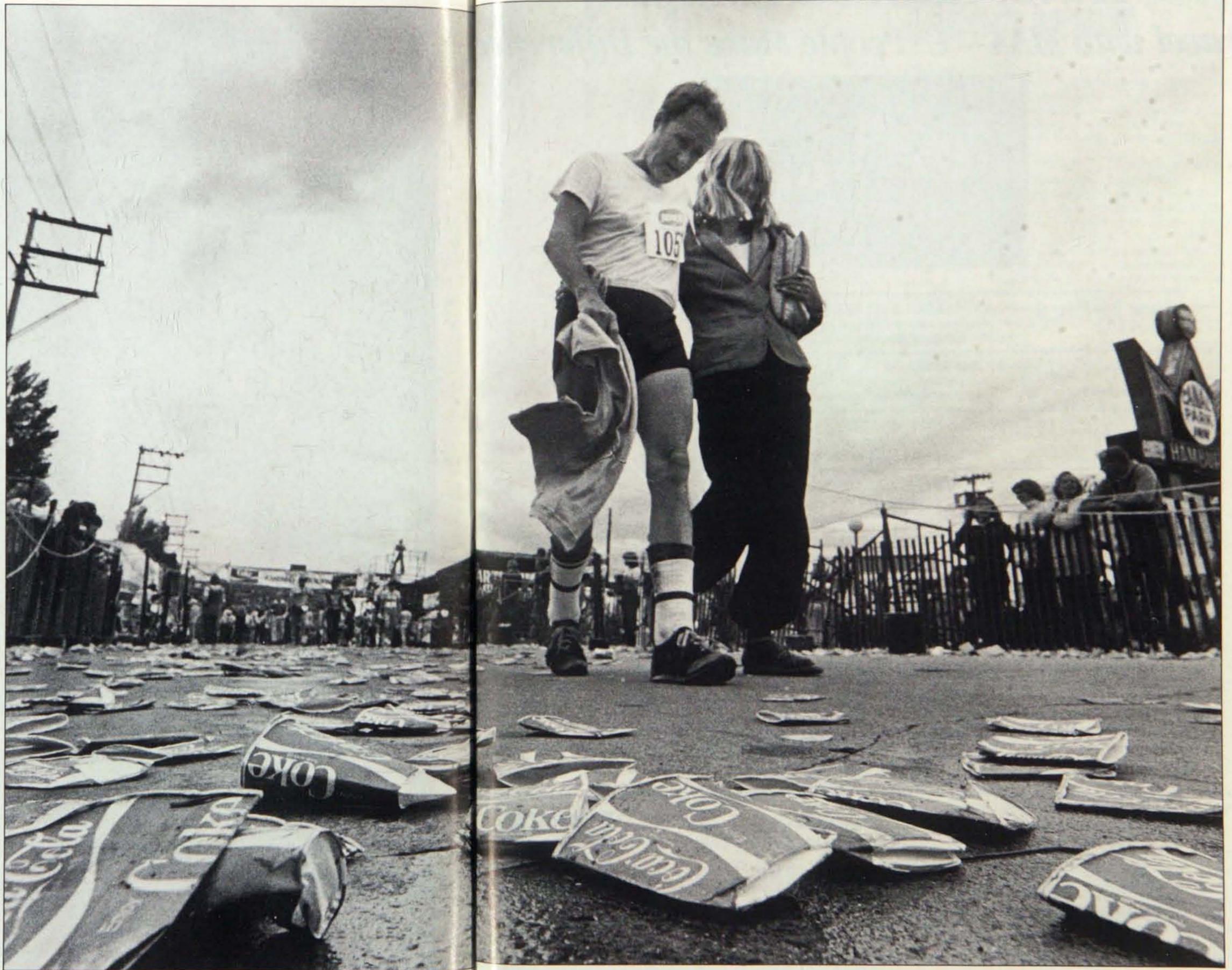






*Above: Gopher runner at a track meet last May.
Left: A Minneapolis fireman at the \$75 million Thanksgiving Day Northwestern National Bank fire.
Far right: Bank is heavily damaged as firemen prevent flames from spreading.
Overleaf: Twins fans found an unusual way to get Oakland A's manager Billy Martin's autograph. Far right: A runner at Grandma's marathon in Duluth finished five hours after most other runners had left the finish line.*





Travel in Good Company

Travel with MAA—'U' People Make the Difference



On the way to Santiago de Compostela

June 26-July 9 — **LANDMARKS AND ART TREASURES OF WESTERN EUROPE**

A voyage from Portugal to England, with a visit to Bordeaux, center of the famous French wine country.

June 29-July 13 — **FJORD PASSAGE**

A two-week tour of the fjords of Norway. There will be a visit to Bergen and four nights in Copenhagen.

August 7-19 — **ROMANTIC PASSAGE**

Six days on the Neckar River through the heartland of Germany. There will be three nights in Baden-Baden and two in Basel, Switzerland.

September 4-24 — **1983 ORIENT ESCAPE**

This 21-day program includes Tokyo, Shanghai, Wuxi, Beijing, Xi'an, Hong Kong, and a cruise on the Grand Canal.

Tours can save you money. When you are part of a group that buys everything as a block, you are assured of substantial price reductions.

Tours can be prepaid. This allows you to know in advance how much the trip will cost.

Tour packages cover all your major expenses. You can pay in dollars and avoid currency exchange expenses.

Tours offer companionship, help cope with the language barrier, and provide access to hotels and restaurants in peak tourist seasons.

Tours save you the time and energy it takes to make arrangements.

Tours are organized by experts. They know the interesting sights to see and will help you to appreciate the beauty, history, and tradition of the country you will visit.

For your convenience use this form to tell us which of our exciting offerings you wish to learn more about. Just check the appropriate boxes, fill in your name, address, and class year, and mail to: TRAVEL DIRECTOR, Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street SE, Minneapolis, MN 55455.

Please send me any available information about:

- Landmarks and Art Treasures
 Fjord Passage

- Romantic Passage
 1983 Orient Escapade

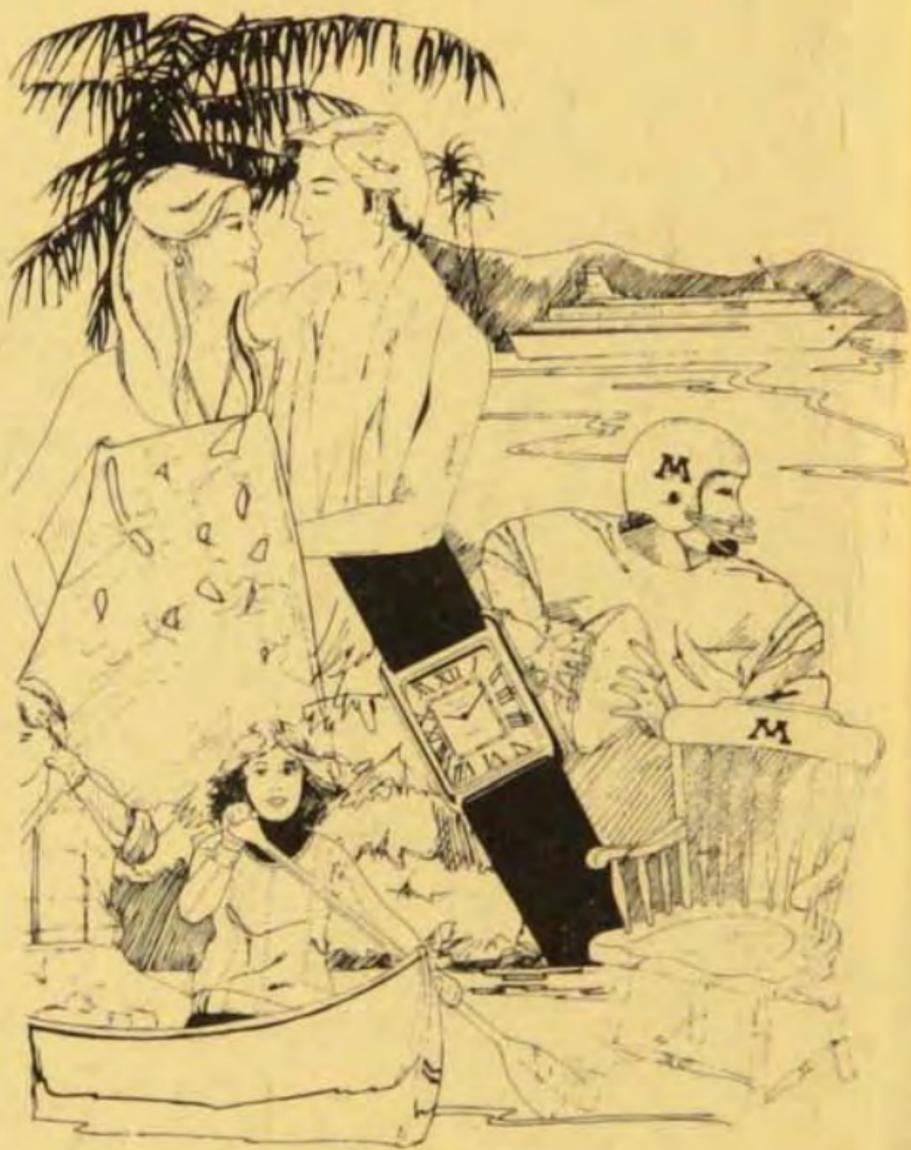
Please send an advance registration form with the requested information.



Name _____ Class year _____

Address _____

City _____ State _____ ZIP _____



1983 Membership Sweepstakes

SPECIAL NOTICE

The membership sweepstakes deadline has been extended to **May 25**. Entries must be postmarked by midnight, May 25. Don't delay!

See pages 22 and 23 for sweepstakes details.

MINNESOTA ALUMNI ASSOCIATION

Reunion Reminder: May 19-21

This year's class reunion, for the classes of 1933, 1943, and emeriti alumni, will be held May 19, 20, and 21. The reunion program has been expanded this year and will include events for the individual classes as well as events for all returning alumni.

"We hope that all alumni from the classes of '33, '43, and all emeriti alumni, will take this opportunity to return to campus and join in the celebration," Linda Hartley, who is in charge of special events, said.

The schedule of events is as follows:

Thursday, May 19

A welcoming reception for all alumni will be held in Morrill Hall, outside the MAA and Foundation offices. Members of the Alumni Association Student Board will lead walking tours of the campus, beginning from Morrill Hall.

Friday, May 20

9:15 a.m. Receptions will be held at each of the colleges for returning graduates. Bolls and coffee will be served. The deans of the colleges will speak to the alumni, along with the president of the alumni constituent societies and the student board president. Faculty members also will be on hand to talk with alumni.

Saturday, May 21

Emeriti luncheon will be held at the Town and Country Club with entertainment provided by the University's Men's Choral Group. Roger Staehle, dean of the Institute of Technology, will speak on the Minnesota Wellspring concept, including the importance of developing all of our human resources.

The class of 1933 reunion dinner will be at the Interlachen Country Club. The entertainment will include the Larry Malmberg Strolling Trio, guest speakers from the class, and a presentation on the years 1929-1933 performed by class members.

The class of 1943 reunion dinner will be at the Minikahda Club. Guitarist Rubin Ruström and Don Stolz, owner and actor at the Old Log Theater, will present a look at the 1940s at the University of Minnesota. Gareth Hiebert, a

columnist for the *St. Paul Dispatch* and a member of the class of '43 will head the list of speakers at the dinner.

Faculty Assistance Committee Discusses Ways MAA Can Help

On February 21, an MAA committee established to improve faculty relations met to discuss ways the Association may assist faculty members at the University. Dr. M. Elizabeth Craig, '43, '45, chairwoman of the committee and a former president of the MAA, led the discussion, which was attended by several faculty members representing the University Senate Faculty Consultative Committee.

Faculty members identified three areas in which they said alumni volunteers could help:

1. Recruiting high ability students;
2. Coming into the classroom to talk with students about real world problems and job situations;
3. Helping with job placement for the spouses of new faculty members.

The committee will continue to meet in the coming months and will report its recommendations to the board of directors at the April board meeting.

MAA Welcomes New Student Board



New members of the Minnesota Alumni Association Student Board

On February 17, a reception was held at the Minnesota Alumni Club on the 50th floor of the IDS Tower to honor the new Minnesota Alumni Association Student Board and bid farewell to the outgoing board. Steve

Roszell, executive director of the MAA, congratulated the students on being chosen and reminded them of the important role the student board plays in developing an ongoing involvement with the University among students and alumni.

On March 2, the new board members distributed coffee and donuts to thousands of University commuter students. In early April they will travel to Duluth for a retreat to plan further student board activities. The new board members will also play an important role in this year's reunion activities by hosting the Spring Tent Extravaganza, a special event designed to increase awareness of the Association on campus and by giving alumni tours of the campus.

The new student board members are: Jeff Alesh, St. Paul, accounting; Joe Andrus, Rochester, Minn., economics/management; Maureen Brady, Madison, Wis., journalism; Brett Chilvers, Excelsior, Minn., business; John T. Cota, Sioux Falls, S.D., political science; Ann Culhane, Mitchell, S.D., nursing; Kathleen Curtin, Edina, Minn., communications.

Katy Gaynor, Edina, Minn., communications; Betsy Gilman, Minneapolis, history; Sharon Giorgini, Overland Park, Kans., history/economics; Patty Hecker, Hibbing, Minn., communications; Bill Hirt, Mequon, Wis., public relations/environmental policy; Joe Hoban, Hopkins, Minn., political science; Judi Iverson, Echo, Minn., medical technology.

Jessica Lipsky, Minneapolis, psychology/political science; Paul Mason, St. Paul, industrial relations; Kurt Melandner, St. Paul, architecture; Wendy Russ, Burnsville, Minn., communication; Maren Stenseth, Sioux Falls, S.D., accounting; Mark Swenson, Golden Valley, Minn., economics/psychology.

Interested in ROTC Upcoming Events?

Any current member of the MAA who wishes to be informed of ROTC alumni events should call the MAA at (612) 373-2466. Leave your name, address, and MAA identification number, and you will be sent information on these events.

Enter Membership Sweepstakes; Win a Caribbean Cruise

As a new membership promotion, the Minnesota Alumni Association is holding a membership sweepstakes in which contestants will be eligible to win one of 42 prizes worth more than \$8,000, including an all-expense paid Caribbean Cruise for two.

Current members may enter the sweepstakes either by "recruiting" a new member for the MAA, or by upgrading their annual or installment life membership to a life membership. Winners will be chosen in a random drawing on May 16 and announced at the Association's annual meeting June 6.

All entries must be postmarked no later than May 2, 1983. For further prize details and contest rules, see the ad on page 23 of this issue.

Volunteer of the Year Award

At this year's annual meeting on June 6, the Minnesota Alumni Association will honor a member of the Association as "Volunteer of the Year." The award will be made through a grant provided by the Dayton-Hudson Corporation to recognize the important contribution volunteers make to the University.

This year, more than 1,000 alumni hold volunteer leadership positions in the association's 24 constituent alumni societies, the chapter organizations, the in-state alumni network, and on the board of directors and executive committee.

Kathy Martin Fischer, left, will celebrate her 10-year employment with the MAA in August. Lois Blum observed her 10-year anniversary in December 1982.

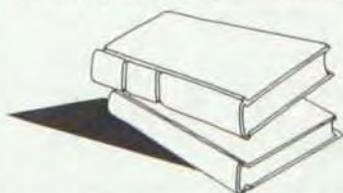


Although the Association, in conjunction with the University, continues to recognize alumni "Outstanding Achievement Award" winners for years of dedicated service as alumni volunteers, this is the first time there has been a program that recognizes the volunteer commitment of an individual on an annual basis.

Without our volunteers, the MAA would be unable to function the way it does today. If you know of anyone deserving of the award "Volunteer of the Year," please submit your nomination by April 30, 1983, to Steve Roszell, executive director, Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street SE, Minneapolis, Minn. 55455.

University Press Discounts Available on Two New Books

Two new books published by the University of Minnesota Press are being added to the list of books available to members of the alumni association at a 20 percent discount. The books are: *Wall-to-Wall America, A Cultural History of Post Office Murals in the Great Depression*, by Karal Ann Mar-



ling, an associate professor of art history and American studies at the University of Minnesota, retail price, \$35 cloth, \$14.95 paper (MAA members, \$28 and \$11.96); and *The Mirth of a Nation, America's Great Dialect Humor*, edited by Walter Blair, professor of English, emeritus, at the University of Chicago and Raven I. McDavid Jr., professor of English and linguistics, emeritus, at the University of Chicago, retail price, \$35 cloth, \$12.95 paper (MAA members, \$28 and \$10.36).

Wall-to-Wall America is an examination of the influences of the depression and small town values on some of the 1,000 murals that were painted and hung in post offices across the country during the Depression under the auspices of the Treasury Department Sec-

tion of Fine Arts. "An imaginative, lively, scholarly, and highly intelligent appraisal of an important cultural and artistic phenomenon and a major contribution to the cultural history of the 1930's," wrote Lillian B. Miller of the Smithsonian Institution in praise of Marling's book.

The Mirth of a Nation provides a selection of stories from early American humorists such as T. B. Thorpe, Seba Smith, and Mark Twain. The reader gets a chance not only to laugh at the work of these writers, but also to gain insight into the forces that helped shape and define 19th century American culture.

Orders will be accepted until June 1, 1983 by the MAA, 100 Morrill Hall, 100 Church Street SE, Minneapolis, Minn. 55455.

Checks should be made payable to the Minnesota Alumni Association. Minnesota residents must add five percent sales tax. Postage and handling will be \$1.25 for the first book and \$1 for all additional books.

Membership Benefit Tip of the Month

Don't like the way you're tipping the scales? Then try weighing yourself under water. You'll learn some revealing secrets about the makeup of your body.

The Recreational Sports Department is adding new underwater weighing equipment to its facilities and members of the MAA are eligible to take advantage of this new process as a membership benefit.

For those who are serious about their health and fitness, underwater weighing can be an important way to determine the proper diet and exercise program needed for optimum health and fitness. Underwater weighing is the most accurate method of determining one's percentage of body fat — the only true method of determining how many pounds are too many, since height and weight tables are not accurate for all people.

The fee for underwater weighing is from \$10 to \$15. There are only one or two other locations in the Twin Cities where one can get this service and the cost is considerably higher.



1983 Membership Sweepstakes

Win a Caribbean Cruise For Two

The 1983 Membership Sweepstakes gives members of the University of Minnesota Alumni Association a chance to win a **10-Day Caribbean Cruise For Two** (\$6,000 value). Over forty additional prizes including a **17 foot Jensen Fiberglass Canoe**, **Bulova Accutron Watches**, and **Gopher Football Tickets** could also be yours. You're competing with alumni only — so your chances of winning are far better than with most sweepstakes.

How to Enter*

Current Minnesota Alumni Association members can enter the Sweepstakes 3 ways:

1. Recruit or give a gift membership to a new Alumni Association member. How about a son or daughter? (You receive 1 Sweepstakes entry.)
2. Upgrade your current Annual Membership to a Life Membership. (2 Sweepstakes entries for Single Life, 4 entries for Husband/Wife Life.)
3. Complete all remaining payments on your current Life Installment Membership (2 Sweepstakes entries.)

*No purchase necessary
See sweepstakes rules

Sweepstakes Prizes

Grand Prize

A 10-day Caribbean Cruise For Two worth over \$6,000.

1st Prize

17' Jensen fiberglass canoe, worth \$800.

2nd Prize

2 Bulova Accutron watches, 1 man's, 1 woman's, engraved with the Regents' seal, each valued at over \$185.

3rd Prize

A pair of season tickets on the 30 yard line for 1983 Gopher football games and a pair of 1983-84 Women's Basketball Season Tickets.

4th Prize

A beautiful captain's chair decorated with the Regents' seal.

5th Prize

An extension course of your choice through the University worth up to \$150.

6th Prize

A Caribou Foot Loose travel bag complete with the Minnesota "M". There will be five 6th place winners.

7th Prize

An ultrasuede folder embossed with the Minnesota "M". Ten 7th prizes will be given away.

8th Prize

An 8 x 10 color photo of a University of Minnesota scene, mounted and suitable for framing. Twenty 8th prizes will be awarded.

AA
 Yes, I'd like to be an Alumni Association Sweepstakes winner!

Name _____

Street Address _____

City _____ State _____

Zip _____ Phone _____

Alumni Membership No. _____

I'd like to enter the Sweepstakes by recruiting a new member or presenting a gift membership:

Annual Member

\$18 Individual (1 entry) \$23 Husband/Wife (2 entries)

Discount Annual Member — for graduates of past 3

years or more than 40

\$10 Individual (1 entry) \$15 Husband/Wife (2 entries)

Life Membership

\$250 Individual (2 entries) \$300 Husband/Wife

(4 entries)

The new member is

Name _____

Address _____

I'd like to enter the Sweepstakes by:

Upgrading my current Annual Membership to

\$250 Single Life \$300 Husband/Wife Life

Completing remaining payments on my current Life Installment Membership.

_____ payments remaining \$_____ enclosed

Payment:

Check

MasterCard No. _____ Exp. _____

VISA No. _____ Exp. _____

Signature _____

Sweepstakes entries must be postmarked no later than midnight May 2, 1983. Send to Minnesota Alumni Association, University of Minnesota, 100 Morrill Hall, 100 Church St., Minneapolis, MN 55455. Questions? Call (612) 373-2466.

Sweepstakes Rules

1. Entries must be postmarked no later than midnight, May 2, 1983.
2. Winners will be selected on June 6, 1983, by random drawing from all entries by a select committee appointed by the MAA President. Winners will be notified of the results within two weeks of the prize drawing.
3. All awards are cash values. No cash prizes will be awarded.
4. All awards are non-transferable and must be used within 15 months of the prize drawing.
5. Federal, state and other taxes imposed on the winners are the sole responsibility of the prize winners.
6. Employees of the MAA and their families are not eligible to enter the sweepstakes.
7. Credit for sponsorship may be assigned from any acceptable MAA membership application which notes the member sponsor's name and MAA identification number.
8. A "new membership" is defined as any first time member of the MAA, or the reactivation of a membership which has been expired for 90 days or more.
9. This sweepstakes is void wherever prohibited, taxed, or restricted by federal, state, or local laws or restrictions, and outside the geographic area of the USA (except APO and FPO addresses).
10. All prizes will be awarded. Names of winners of the first three prize categories will be published in the September issue of **Minnesota** magazine.
11. No purchase necessary to win. Send a postcard with your name, address, and telephone number to: 1983 Membership Sweepstakes, University of Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street SE, Minneapolis, MN 55455.

COLLEGES AND SCHOOLS

by Bev Bachel

HOME ECONOMICS

Danish Perfume Container Collection Donated to the 'U'

The Goldstein Gallery recently received a major addition to its decorative arts holdings, a collection of 21 Danish silver *Hovedvandsaeg*. These ornately designed and beautifully crafted sterling "eggs" are shaped as urns, hearts, shells, and fish and most range in size from three to four inches.

Literally perfume containers, each is fitted with an opening which originally held a small sponge. The *Hovedvandsaeg* were carried in the purses and pockets of 18th and 19th century ladies and gentlemen and were used to mask offensive odors or revive someone feeling faint.

"This is probably the most complete collection of its kind in the nation and one of the richest groupings of objects ever given to the Goldstein Gallery," Timothy T. Blade, curator of decorative arts for the Gallery, which is located on the St. Paul campus, said.

The collection was assembled and donated by Admiral and Mrs. Rowland Haverstick Groff of Punta Gorda, Fla. Mrs. Groff (Marne Lauritzen Groff) graduated from the University in 1931.

"Gone But Not Forgotten: Designing For Death"

In the last century and the early decades of this one, death and its celebrations were a prominent part of American life. Designing the objects and artifacts of memorialization, commemoration, and mourning was a highly specialized, although infrequently visible, aspect of the decorative arts. A Goldstein Gallery exhibition, "Gone But Not Forgotten: Designing For Death," provides an interpretative setting for the objects of mourning.



Goldstein Gallery features sterling perfume containers.

The exhibition will focus on memorial objects of 19th and 20th century America, including death quilts, widow's quilts, embroidery, mourning pictures and jewelry, coffin spoons, and ceramic and glass objects. The exhibit will also include mourning hats, dresses, handkerchiefs, and children's mourning clothes.

An introductory display will feature a collection of 50 historical photographs, which depict mourning decoration in the home, church, and funeral parlor, floral decoration, and cemetery activities. Dimensional casts of Midwestern tombstones also will be displayed, and an analytical catalog containing black and white photographs of selected objects from the exhibition will be available.

The exhibition will encompass many diverse disciplines including the social sciences, art history, mortuary sciences, and design, textiles, and clothing. It also will interest antique dealers, private collectors, and funeral directors.

The exhibit will be displayed at the Goldstein Gallery, 241 McNeal Hall on the St. Paul campus through May 13, 1983. The Gallery is open 8:30-4:30 p.m. Monday-Friday. For more information contact Art Librarian Shelly Madson, (612) 373-1043 or 373-1032.

CLA

Chinese Artist Paints America

Each year, the People's Republic of China sends Chinese residents to study in the United States and this year there are 6,000 Chinese scholars and graduate students at universities throughout the country. Most are interested in areas related to technology

and since 1978, only two Chinese artists have come to America. One of them, Zheng Shengtian, is a member of the University of Minnesota's Studio Arts Department.

Shengtian came to Minnesota 18 months ago with three objectives: to learn about American art and artists; to travel throughout the country lecturing about Chinese art; and to paint in his studio.

Since his arrival, Shengtian has travelled throughout Minnesota, Montana, New York, Mexico, and Canada. "I want to see as much of America as I can," Shengtian says. "Before you can make comparisons between countries, you must see many places. It's a good way to learn about American society. You don't get a real sense of a city or its people unless you use your own eyes and experiences. You can't just sit in a laboratory."

Shengtian enjoys painting people and often asks his subjects questions about their backgrounds, likes and dislikes. "I like to paint a story and the more I know, the clearer my painting," he says. He plans to take his paintings of Americans back to China with him. By sharing them with his fellow citizens, Shengtian hopes to destroy common misconceptions about Americans that have developed from television shows and movies.

Because he is from another country, Shengtian says he is often able to capture an essence in his paintings that most American artists can't. "I emphasize different things," he says. "Some things seem so simple that American artists don't notice them."

Shengtian's paintings, with such titles as "Fall in Minnesota," "Student," and "Sailboat," have been displayed throughout the Midwest. "Even though I'm from another country, my work has been well received. Human beings can understand each other. There are no Chinese artist Zheng Shengtian is painting scenes like this in the area.



cultural barriers in art."

Shengtian has adjusted to American life and has taught American friends how to take the bus from Minneapolis to St. Paul.

When he returns to China this fall, he will take with him many memories of Americans and American life and he will continue to paint from these memories.

EDUCATION

Institute To Help Severely Handicapped Children

In the past, severely handicapped children attended separate schools, used separate community facilities, or were institutionalized. This isolation denied them access to integrated environments in which regular beneficial interactions with nonhandicapped people occur.

To address this problem, the Special Education Programs Branch of the United States Department of Education funded four research institutes to investigate issues related to the successful education of severely handicapped children. The University of Minnesota Consortium Institute for the Education of Severely Handicapped Learners was awarded one of these five-year contracts.

The Institute is an interdisciplinary effort designed to facilitate the transition of severely handicapped children from segregated environments to less restrictive school and community environments. Research directed by the Institute focuses on what makes it possible for severely handicapped children to live at home and attend school and community activities with their nonhandicapped peers; the skills severely handicapped children need to participate in integrated environments; and the preparation needed to ensure that various school and community settings will be available for and accepting and supportive of severely handicapped individuals.

These issues will be addressed by 11 research studies conducted in conjunc-

tion with four Twin Cities area school districts. The objective of this research is to discover strategies that will lead to positive interactions between handicapped and nonhandicapped children.

AGRICULTURE

Farmers Market Minnesota Vegetables

Many people in different walks of life in the Twin Cities metropolitan area are exploring new ways of obtaining their daily bread, vegetables, and produce. Farmers markets are expanding and the University Agricultural Extension Service, directed by Norman Brown, is orienting Minnesota agriculture toward these local consumers.

Minnesota is capable of producing high quality produce. "We have a favorable climate, an abundance of highly productive soil, abundant water for irrigation, and because of the cold winters, relative freedom from insects and diseases that can destroy crops," Brown says.

Minnesota is the third largest producer of vegetables for processing; however, only 14 percent of the vegetables produced here are consumed by Minnesota residents, Brown says. "We're concerned about the number of jobs we're missing out on in Minnesota." In many cases, the products are grown here, shipped out of state for processing, and then shipped back to local markets. By the time the product reaches the consumer, it is less fresh and more expensive.

Brown would like to see more farm produce stay in Minnesota to be sold at farmers markets. In addition to reducing costs, Brown thinks many jobs would be created.

PUBLIC HEALTH

Schuman Named Mayo Professor

Dr. Leonard M. Schuman, head of the School of Public Health's epidemiology division, recently was

named "Mayo Professor" by the University Board of Regents.

He is only the second person to hold the honor, which was established in 1946 by a grant from the Mayo Properties Association. The other "Mayo Professor" was the late Gaylord W. Anderson, former dean of the School of Public Health.

Schuman joined the school in 1954 as director of the epidemiology program and "has been one of the school's and University's outstanding teachers and researchers for nearly three decades," said Health Sciences Vice President Neal Vanselow, who announced the award. "The Regents were pleased to be able to recognize his many contributions to the field of public health."

Schuman's research has contributed to the scientific understanding of diseases including leukemia, toxoplasmosis, congenital defects, silo-filler's disease, and cancer. His national reputation in cancer research led to an appointment on the original surgeon general's advisory committee on smoking and health.

For 17 years, Schuman has directed special summer sessions in epidemiology at the University. These sessions are co-sponsored by the epidemiology section of the American Public Health Association and the Association of Teachers of Preventive Medicine. By utilizing outstanding national guest faculty, this program has provided graduate-level instruction in epidemiology to more than 2,500 people from 50 states and 68 foreign countries.

NURSING

Nursing to Celebrate 75th Anniversary in May

The School of Nursing will begin a year-long diamond jubilee celebration in May.

"The school is one of the oldest established within a university setting," said Ellen Fahy, dean of the school. "At the time of its 50th anniversary in 1958, the school had a reputation for excellence and leadership. Through the years, it has retained the loyalty and affection of an outstanding group of nursing leaders, alumni, and friends. By the centennial



This photo was taken at the celebration of nursing's 50th anniversary May 8, 1959.

anniversary in 2008, I have every expectation that the impact of the school's graduates on American nursing will continue to expand in the true historic tradition of the University."

The theme for the celebration is "The Spectrum of Nursing."

"As seen through our 75 years," says Julie Ann Bell, president of the school's alumni society, "you see a spectrum of nursing — where we've been, where we are, and where we're going. It's a time to look back and reflect, a time to celebrate the present, and a time to look forward and set new goals."

Many activities are planned for the celebration. The school reunion will be May 19-21. In conjunction with this, the annual alumni meeting and banquet will be held May 18 in the North Star Ballroom on the St. Paul campus. On May 19, the Heritage Room, Health Sciences Unit F, will be opened. The room will contain nursing memorabilia such as old textbooks and uniforms, equipment, nursing pins, photographs, and plaques of recognition. Throughout the year, special reunion displays will focus on the history and future of the school.

Several other activities are planned including faculty presentations, tours, a holiday concert, seminars, and scientific sessions focusing on "Nursing Service and Administration," "Nursing Practice," and "Nursing Education."

During the jubilee celebration, the school will honor its alumni. In addition to several special awards in honor of the 75th, the school will present the "Outstanding Achievement Award" recognizing former students who have attained unusual distinction in their chosen fields, professions, or in public service.

For more information, or to donate memorabilia, contact the Diamond Jubilee Committee, School of Nursing, Health Sciences Unit F, 308 Harvard St., Minneapolis, Minn. 55455.

PHARMACY

April 30 Annual Pharmacy Meeting

The Pharmacy Alumni Society will hold its annual meeting on April 30. Keynote speaker for this, the silver anniversary meeting, will be Neal Vanselow, vice president for Health Sciences.

During the evening, the classes of 1933, 1963, and 1973 will be honored and the "Distinguished Pharmacist Award" will be presented to an outstanding alumnus.

The dinner, preceded by a cocktail hour, will be at the Campus Club, Coffman Memorial Union. The cost for the evening is \$15. For more information, contact the Minnesota Alumni Association at (612) 373-2466.

Clinical Research Laboratory Available

For clinical pharmacists interested in pharmacokinetics and bioavailability research, one obstacle has become all too familiar — a shortage of regularly available laboratory equipment.

(Pharmacokinetics is the quantitative study of how medications are absorbed, distributed, metabolized or excreted from the body. Bioavailability research involves studying the amount of medication that actually reaches the area to be treated.)

The expensive, specialized instruments needed for these studies are in constant use, both at the University and at local hospitals. The College of Pharmacy and Abbott-Northwestern Hospital have a laboratory available exclusively for clinical pharmacy investigations.

The laboratory is coordinated by associate professor Charles D. Peterson who also directs clinical services for Abbot-Northwestern's Pharmacy Department. In addition to providing space and equipment for conducting studies that might not be possible otherwise, Peterson hopes the laboratory will stimulate group efforts in which researchers could draw upon the patient populations of several institu-

tions, enabling data to be collected on larger groups over shorter periods of time. "More could be done and more quickly," he said.

The laboratory contains a range of equipment needed for clinical pharmacy research: high pressure liquid chromatography, gas chromatography, spectrophotometry systems, and a flame photometer. The equipment became available when Abbot-Northwestern's Toxicology Laboratory began using more automated methods of analysis.

Peterson encourages clinical pharmacists, regardless of their institutional affiliation, to contact him about possible research involving pharmacokinetics, drugs, or related areas, or for guidance in developing research proposals which will be reviewed by a committee. He can be reached at Abbott-Northwestern (612) 874-4906.

JOURNALISM

Actors to Honor George Hage

A theater party and reception on Sunday, May 1, will mark the retirement of Prof. George S. Hage of the School of Journalism and Mass Communication.

The Actors Theatre of St. Paul will present "Have You Anything to Declare?" a French farce by Pierre Veber and Maurice Hennequin.

Former students, colleagues and friends who would like more information or reservation forms should contact Prof. Arnold Ismach, 111 Murphy Hall, 206 Church Street SE, University of Minnesota, Minneapolis, Minn. 55455.

Alumni Group To Start Mentoring Effort

School of Journalism and Mass Communication students will have the opportunity to benefit from the accumulated wisdom of those who are already making it out in the real world

through a new program sponsored by the Journalism Alumni Society (JAS).

The Journalism Mentoring Program is being set up to provide 10 students with "personal mentors" during spring quarter. Each student will be matched with a journalism or advertising or public relations specialist from the Twin Cities area who will serve as a "trusted counselor, a guide, an adviser, and perhaps a friend," according to the JAS Projects Committee.

Students and their mentors will meet once a week, possibly in on-the-job settings, for 10 weeks.

JAS board members will be contacting area professionals to recruit mentors to serve in the volunteer program.

Archbishop Roach Featured Journalism Annual Meeting Speaker

The Journalism Alumni Society and the Society of Professional Journalists, SDX, will hold an annual meeting May 25 at The Saint Paul hotel with Archbishop John Roach as the keynote speaker.

Roach, who is archbishop of the St. Paul-Minneapolis archdiocese, is president of the U.S. National Conference of Catholic Bishops. He will talk about press coverage of the nuclear arms limitation issue.

The U.S. Catholic bishops recently proposed a "Pastoral Letter on War and Peace" to the Reagan administration in which they stated a strong moral opposition to a policy of nuclear deterrence. The proposal also calls for a freeze in the deployment of nuclear weapons and a more active pursuit of disarmament.

The event will begin with a 6 p.m. social hour, followed by dinner at 7 p.m., and the speaker at 8 p.m. SDX "Page One Awards" and the Alumni Society's "Award for Excellence" will be presented.

For more information and banquet reservations, contact Dick Haines, Minnesota Alumni Association, (612) 373-2466.

VETERINARY MEDICINE

McMenomy Presides Over Midwest Small Animal Association

Michael F. McMenomy, vice chairman of the College of Veterinary Medicine Advisory Council and past president of the Veterinary Alumni Constituency Society and the Veterinary Medical Council, recently became president of the Midwest Small Animal Association, an organization dedicated to improving veterinary education and small animal care.

McMenomy received a bachelor of science degree in 1967 and a doctorate of veterinary medicine in 1969, both from the University. He has been in feline practice in Minneapolis since 1970.

He is a Practitioner Affiliate of the American Animal Hospital Association and is a member of the American Association of Feline Practitioners and the Animal Care Foundation of Hennepin County.

Dedication, Reunion, Open-House Set for April 22-24

The College of Veterinary Medicine has planned a three-day festivity, April 22, 23, and 24.

Dedication of the Veterinary Teaching Hospital and the B. Robert Lewis Companion Animal Hospital are scheduled for April 22. Lewis, a former state senator who died of a heart attack while in office, was a small animal practitioner in St. Louis Park, Minn. While in the legislature, he was supportive of the college. The day is billed as Legislative Day and regents from the University and legislators from throughout Minnesota will be invited to tour the building and participate in the ceremonies. A wine and cheese reception will follow.

Several activities are planned for Saturday, April 23. Dr. Darold A. Trefert, executive director of the Fond du Lac, Wisconsin Mental Health Center

and recipient of the 1972 Wisconsin Mental Health Care "Man of the Year Award," will present the Lewis Lectureship, a continuing education lecture. His topic, "Fight, Flight, or Flow," will focus on stress management, and will be presented in the St. Paul Student Center from 1:30-3:30 p.m. An all-college reunion dinner, preceded by a cocktail hour, will be held at the L'Hotel Sofitel. During the dinner, recognition awards will be presented to alumni and faculty members.

Sunday, April 24, is the annual open-house of the College sponsored by students for the general public. This year's theme is "Where Tradition Meets Tomorrow."

For more information, contact Glen Nelson, director of alumni relations and coordinator of public affairs for the College, at (612) 373-0774.

MANAGEMENT

Colloquia Focus on Strategic Management

The School of Management's department of Strategic Management and Organization is offering an on-going colloquium series focusing on strategic management. The colloquia bring faculty members, business leaders, and students together for informative discussions about such topics as "The Chief Executive Officer's Role in the Strategic Planning Process," "Dual Cultures and Identities in Organizations," and "Competitive Corporate Strategies."

Speakers have included Charles Lindblom, author of *Politics and Markets*; Alfred Chandler, author of *The Visible Hand*; and Tom Peters, co-author of *In Search of Excellence: Lessons From America's Best-Run Companies*. In addition, University faculty members present colloquia every other Tuesday.

"By having both inside and outside speakers lead discussions of their current research as it relates to strategic management, the colloquium has become a very intellectually stimulating forum to examine alternative perspectives of strategic management for both academics and practitioners," says Pro-

fessor Andrew Van de Ven, colloquium coordinator.

In addition to the seminars, executive roundtable breakfasts with colloquium speakers are held, and colloquium speakers also serve as speakers for the North American Society for Corporate Planning, a nationwide management organization.

The series is jointly sponsored by the department of Strategic Management and Organization, the 3M Chair in Human Systems Management, and the North American Society for Corporate Planning.

Students and Alumni Discuss Careers

Students in the School of Management's Master of Business Administration program met recently with alumni to discuss courses, resumes, career opportunities, and the job search process.

Barb Nemecek, coordinator of the Master of Business Administration program, said the informal meetings "give students a chance to talk with alumni who have recently completed the program. It's easy for the students to relate to these graduates and they can match up with someone who has similar interests and career goals."

The meetings are held periodically throughout the year and alumni interested in participating should contact Barb Nemecek at (612) 373-4174.

MEDICAL TECHNOLOGY

Research May Provide Clue To Aging

As people age, it becomes increasingly difficult for them to resist various infections and diseases and Helen Hallgren, an assistant professor of laboratory medicine and pathology, wants to know why. She thinks the answers may lead to a rational approach in preventing diseases associated with age and possibly to an understanding of the basic aging process itself.

To fight off diseases, the body relies on its immune system. Essential to this system are lymphocytes and Hallgren says "characterizing the lymphocyte alterations that occur during human aging is an essential first step in understanding the mechanisms responsible for the decline in immune function."

Although the number of lymphocytes remains constant with age, Hallgren proposes that these lymphocytes, or T cells, do not properly mature, thus resulting in decreased immunity. T cells pass through the thymus, a hormone producing gland, where they receive operating instructions. The thymus, however, gradually shrinks after age 40 and eventually disappears completely. This involution is accompanied by a decrease in the thymic hormone which is necessary for T cell maturation. Hall-

gren says "it is possible that the T cells of the aged human, while normal in number, may be of a less mature cell type, incapable of performing normal cellular immune functions."

Hallgren and co-investigator Dr. James O'Leary, Laboratory Medicine, are currently testing this hypothesis by isolating the lymphocytes of healthy, elderly volunteers and testing the maturational levels of these cells. They think that their research may provide clues to understanding the human aging process.

INSTITUTE OF TECHNOLOGY

Going Under Saves Energy

When you step into an elevator and push number six, you expect to emerge six stories above ground. With the current emphasis on energy conservation, however, these expectations are changing and in the Civil and Mineral Engineering Building, number six takes you 110 feet beneath the earth's surface. The University's newest building demonstrates energy conservation and state-of-the-art earth-sheltered architecture which removes habitable spaces from harsh environments (such as Minnesota's below-zero winters) and places them in constant, moderate climates, significantly reducing energy requirements for heat-



ing and cooling.

The bulk of the building, 94,500 square feet, lies in three relatively conventional earth-sheltered levels just below the surface. These three levels are designed with no openings on the northeast side. Instead, openings are concentrated on the southwest, exposing the central roofed areas and the southwest face to natural daylight and direct solar heat.

Seven classrooms, each capable of holding 90 students, open off a circular lobby at the far west end of the building. All are audio-visually oriented and require absolute light control. The laboratories, also light controlled, are located in the northern part of the building. Faculty offices open off a single corridor on each level, and many overlook a rectangular courtyard that runs the length of the south wall.

The main structural laboratory rises 50 feet above grade and the height of this open engineering space accommodates the many large structural items to be tested within. Its huge steel truss, painted orange, supports a 15-ton traveling crane. Located on the south side, the laboratory carries the building's energy components including a Trombe wall with giant tubes of water. During the spring and fall, when differences between interior and exterior temperatures are slight, the wall simply provides warmth at night from heat collected during the day. Draping deciduous vines shade the wall during the summer, and during the winter, the ivy sheds its leaves allowing solar heat gain.

This landscaping plant growth is an integral part of the building's design. Plants screen southern exposures, deciduous trees shade the roof plaza, and conifers protect the north side of the Civil and Mineral Engineering Building from wind.

Color and decoration are especially important in earth-sheltered buildings because the more ordinary the space, the safer people feel. This is why the building is decorated in warm colors — rust, tan, and beige — and why daylight and sunlight are so important. A remote view optical system based on the principle of the periscope, transmits natural light more than 100 feet below ground by collecting sunlight, concentrating it, and directing it through a shaft in the building via an assembly of lenses and mirrors, which expands the light to illuminate areas beneath the ground. A few feet from this shaft is a simulated window providing a three-dimensional view



THE UNIVERSITY OF MINNESOTA
F·O·U·N·D·A·T·I·O·N

Investing in public higher education is an investment in the future. Private gifts help to insure that the University of Minnesota will continue its pursuit of excellence and maintain its tradition as a leader in the years to come. The University is state-assisted but not state-supported; only about one-third of its budget is provided by the state, which means that private support is vital for its continued success.

During more than 40 years of teaching in the political science department, Dr. Benjamin E. Lippincott was an important part of the University's commitment to quality public education. Widely known as a master of the Socratic method, Dr. Lippincott challenged students like Hubert H. Humphrey and Malcolm Moos to achieve their best. Dr. Lippincott's significant contributions to the University didn't end with his retirement in 1971. Instead, he and his wife Gertrude, a 1935 graduate of the University and a theatre arts instructor for several years, continue their support of the University's work through private gifts.

Like many donors, the Lippincotts had several special interests at the University that they wanted to help. The University of Minnesota Foundation's planned giving staff assisted the Lippincotts in devising a plan that provides scholarships for promising students,

funds the Benjamin Evans Lippincott Award in Political Theory, and otherwise promotes their interest in helping to correct economic conditions in the United States. Best of all, Dr. Lippincott learned that the substantial tax benefits offered by some giving plans could enable him to realize a dream: the Lippincott Visiting Professorship in Political Economy.

Many donors have found that there is no more secure or significant investment option than a gift to the University of Minnesota. Some gift plans, in addition to supporting the University's work, offer the donor significant tax and financial benefits. Our planned giving staff can tailor a plan to serve both your personal financial needs and your interest in the University. Besides a direct tax deduction, an investment can offer you partially tax-free income after retirement or help you to avoid capital gains taxes on appreciated securities.

Please call or write us for specific information about planned giving options. Let us help you find the best way to invest in the future.



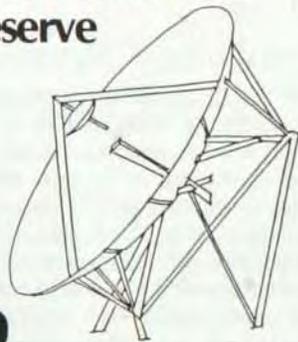
Call John Ryan or Craig Wruck
Collect (612) 373-9934
120 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455

of Williamson Hall, the University's first underground building which was completed in 1977.

The building, which will be dedicated in October, recently won a 1982 Energy Conservation Award in a nationwide competition sponsored by Owens-Corning Fiberglas.

INDUSTRIAL RELATIONS

Don't Lose Your Reserve



Bob Jones volunteered for the Naval Reserve and received state-of-the-art technical training on the uses of radar. A private corporation learned of his skills and offered him a permanent, full-time job. Jones accepted and the Reserve must now recruit and train a replacement. The training is expensive, both in time and money, and as the number of technical jobs increase, people will have to be better trained, and therefore it's essential that the military reserves retain these technically trained volunteers.

In the past, the military model of retention was based on economics — if the volunteers were paid enough, they continued to serve their country. But Howard Miller, a professor in industrial relations, believes that money is not the only factor that influences retention of military personnel and he is attempting to develop an interdisciplinary model of retention that also accounts for sociological and psychological factors.

Miller says results of his research indicate that "the best single predictor of whether or not people stay in the reserves is how well they like it. The day-to-day routine is what's important to individuals. If they don't like the way they're treated, they're not likely to stay." Miller thinks his research may lead to better management techniques within the military, and possibly even to new defense policies.

GENERAL COLLEGE

Billboards Promote 50th Anniversary

What do Norman Borlaug, John Derus, Bob McNamara, Dana Noel, Robert Vaughn, and Larry Wilson have in common? All six are General College alumni who recently promoted their alma mater during its 50th anniversary year.

Alumnus Robert Naegele Sr., and his son Robert, of Naegele sign company donated the billboards and the artistic staff time necessary to create double entendres about the six alumni to show

how their careers were influenced by attending General College.

The double entendres are as follows: "Norman Borlaug learned to grow," he received the Nobel Prize in agriculture; "John Derus learned how to run," he is chairman of the Hennepin County Commission; "Bob McNamara was on the ball," he was an all-American football player; "Dana Noel tackled exams," he was drafted by the Baltimore Colts; "Robert Vaughn never cried uncle," he starred in the television series "Man From Uncle"; and "Larry Wilson started learning," he is founder and president of Wilson Learning Center, Minneapolis.

The billboards appeared in 35 locations throughout the metropolitan area during January and February.

**Bob McNamara
was on the ball.**

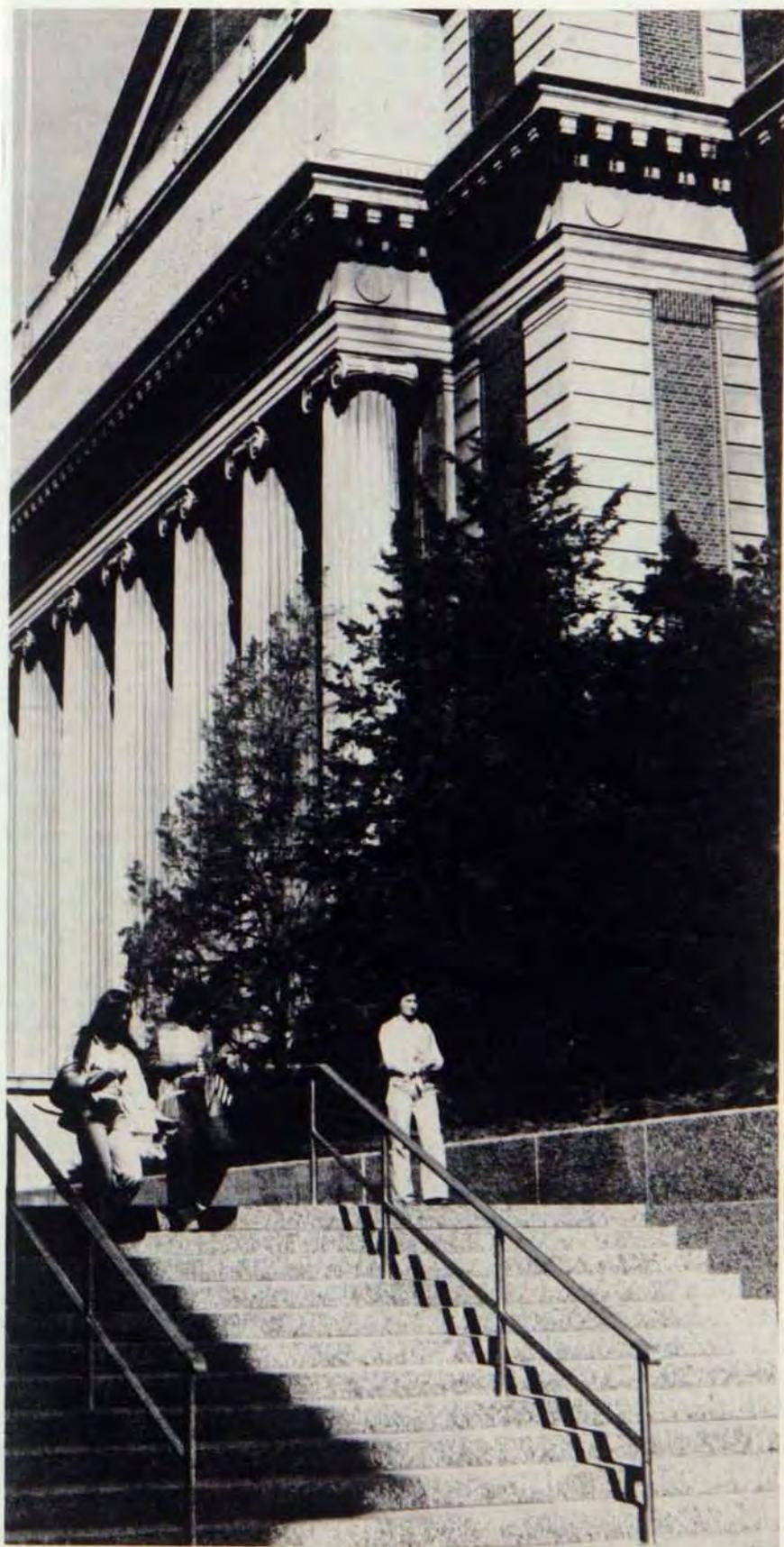
*In the General College
U of M*

**Robert Vaughn
never cried uncle.**

*In the General College
U of M*

**John Derus
learned how to run.**

*In the General College
U of M*



Plants must grow



Ants must go



Not necessarily. Nature's plan is much more complicated. There's more to do than water plants and poison ants... or beetles or roaches or whatever is bugging you.

Specially trained people at the University of Minnesota Insect & Plant Information clinic are standing by to take your call, weekdays from 11 a.m. to 7 p.m.

When you need expert advice, just dial this number:

1-975-0200

A \$2 fee will be charged to your monthly phone bill. The advice you get may save you much more, and you'll get reliable information backed by University research. The service is available from most residential phones in the Twin Cities area.



Dial U is a program of the Agricultural Extension Service. A pre-recorded tape service also is available. For more information and a list of tape subjects write DIAL U, 490 Coffey Hall, University of Minnesota, St. Paul, MN 55108.

CLASS NOTES

by Sandy Stai

'23 *Ruth Showers* of St. Paul is active in a business women's group, a senior fellowship group, and a prayer group at Hamline Methodist Church.

'25 *Esther Thompson* of Fairport, N.Y., was selected by the New York State Nurses Association to be interviewed for a series of historical videotapes. The series is to record recollections by individuals directly involved in events leading to the evolution and professionalization of nursing. She was one of the first nurses in the country to receive a bachelor's degree from a school of nursing.

'29 *Bob Tiffany* has taken an early retirement and moved to Abilene, Texas, where he is again selling life insurance.

'30 *Lawrence Catron* of Minneapolis has completed two slide-lecture presentations. One is Minneapolis-St. Anthony Falls history and the other, World Gardens, an 18,000 mile travel adventure with the Minnesota Landscape Arboretum and other groups.

'31 *Raymond Bruess* retired in 1982 and is living in Paradise, Calif.

Esther Wiese is retired and living in the San Juan Capistrano Casitas, off Calle Chueca, in California.

'32 *Ellena Loye* of Minneapolis is a member of the emeriti committee. Her son *Eduard*, '69, of Minneapolis is a superintendent of plant engineering for Northern States Power Co. Another son *William*, '76, of St. Paul is a research systems analyst for Buckbee-Mears Co.

'33 *D. Murrell Green* of Walnut Creek, Calif., retired from the University of California, San Francisco, where she supervised three labs in histopathology.

Mildred Montag of Garden City, N.Y., received a "Distinguished Service Award" from the State University of New York as a charter member of the regent's faculty committee on external degrees in nursing.

Roland Schaar of Madison, Wis., is retired as chief appraiser for the Fish and Wildlife Service. Since his retirement he has been doing real estate appraisals.

'34 *Laura Gilloley* of Ferguson Falls, Minn., is associate professor emerita from the University of Northern Iowa.

Seth Fisher of Lake Hubert, Minn., did two months of cooperative education work in Nigeria. His seven children all attended the University of Minnesota.

'35 *Albert Marsh* of Riverside, Calif., is an irrigation consultant and has made trips to Malaysia, Egypt, and Saudi Arabia. He also does volunteer work for civic organizations and USA Travel.

Lewis Brown of Clearwater, Fla., is past president and a member of the board of directors for the Suncoast Chapter of the Minnesota Alumni Association. He celebrated his 45th wedding anniversary in April.

Dr. Alfred Olson of Rapid City, S.D., has a grandson studying dentistry who is expected to be the fourth dentist in the family to graduate from the University of Minnesota Dental School.

'36 *Norman Goodwin* of DeWitt, Iowa, was presented with the national Epsilon Sigma Phi "Distinguished Service Award" for 1982 and he was re-elected an Iowa state senator.

Lina Korpi of New Ipswich, N.H., is retired from Fitchburg High School, Fitchburg, Mass., where she taught girls' physical education.

Elva Rath of Lakeland, Fla., received the Sertoma Club of Lakeland's "Service to Mankind" award for 1981-1982.

'37 *Stan W. Carlson* of Minneapolis retired as a medical librarian. He was director of libraries at Unity Medical Center in Fridley. He has been retained as a consultant by several libraries and he is also president of Olympic Press, a firm specializing in sports, history, and religious books.

Eleanore Dale of Torrance, Calif., was selected as "The South Bay Woman of the Year" in the field of education by the Torrance YWCA. She has been a volunteer for the Children's Home Society in California for eight years.

'38 *Emil Fattu Sr.* of Kellogg, Idaho, retired as a metallurgist from the Bunker Hill Co. after 44 years of employment.

Walter Gensler of Athens, Ga., retired from Boston University as a professor emeritus and has accepted a position in the department of chemistry at the University of Georgia in Athens.

Dr. William Leebens of Memphis, Tenn., is an associate professor in the removable prosthodontics clinic at the University of Tennessee in Memphis.

Margaret Lehrer of Colorado Springs, Colo., retired from teaching high school English in Colorado Springs. She is state president and chairman of the educator's award committee for the Delta Kappa Gamma Society International.

LaVerne Small of Lincoln, Neb., retired from the University of Nebraska college of pharmacy after 34 years.

'39 *Margaret Conway* of Oshkosh, Wis., retired from the University of Wisconsin.

Harry Larson of Clearwater, Fla., retired from Honeywell Avionics in Florida.

Rosella Qualey of St. Paul retired from her position as district program leader for Home Economics-Family Living after 35 years with the Agricultural Extension

Service of the University of Minnesota.

James Smutz of San Francisco is a consultant to the San Francisco mayor's office of economic development.

'40 *Dr. John Biedermann* of Rozlyn, Long Island, N.Y., has retired from Temple Dental University in Philadelphia where he was teaching.

Roger E. Larson of Schenectady, N.Y., retired in 1980. He is doing volunteer work at a church and at an elementary school.

Paul Holmes of Gig Harbor, Wash., is a consultant in higher education in Gig Harbor. He was president of the College of Alameda, Calif.

Ray Wallace of Amarillo, Texas, retired as a cattle buyer for Armour Foods.

'41 *Edna Downing* of Minneapolis was the recipient of the "Valley Forge Freedom Foundation Teacher's" medal and is listed in the *Directory of International Scholars*.

Edwin Drucker of San Fernando, Calif., was named secretary-treasurer of the National Association of Retail Druggists. He is the owner of Mission Park Pharmacy in San Fernando.

Willis Hammond of Truman, Minn., retired after 42 years of farming, specializing in raising turkeys, egg production, corn, and soy beans. He is planning to travel.

'43 *Elizabeth Meinecke* of St. Paul has returned to St. Paul after living for four years in California. Her husband died in December 1981.

'44 *Katherine Eaton* of Eugene, Ore., was promoted to associate professor at the University of Oregon. She is head of the bureau of government research library.

Forrest Grimm of Minneapolis is an engineering specialist in the medical products division of 3M, St. Paul.



Cavanaugh New Soo President

Dennis M. Cavanaugh, '65, is the new president and chief operating officer of the Minneapolis-based Soo Line Railroad Co. He started working for the company in 1955 and became an executive vice president and director in 1981.

Dr. Charles Lewis and Shirley (Podas) Lewis live in Cape Coral, Fla. He recently attended a reunion of the shipmates with whom he served as a medical officer on the USS St. Louis in 1945.

Dr. Arthur Turek of Le Center, Minn., was the honored guest at the Southern District Dental Society annual meeting in 1982.

'45 *Dr. Joseph Belshe* of St. Cloud, Minn., is president of the international Free-Standing Ambulatory Surgery Association for 1982-1984.

'46 *Millicent Kisslinger* is living in Boulder, Colo., where her husband is a professor of geophysics at the University of Colorado.

Kurt Landberg of St. Louis, Mo., was one of three national winners of an annual competition held at Duke University. He was honored for his renovations and restoration plans for Trinity Episcopal Church in Portland, Ore.

'47 *Winifred Helmes* of Salisbury, Md., is a member of the Maryland humanities committee and of the American Association of University Women's national communications committee.

Kenneth Simon of Sherman Oaks, Calif., is the chairman of the board and the chief executive officer of the Air Conditioning Co., Inc. It is among the largest air conditioning contractors in the United States and Canada.

'48 *James Daly* of Oxnard, Calif., is a retired professor of English and a volunteer counselor in the Service Corps of Retired Executives of the Small Business Administration for the U.S. government.

Douglas L. Smith of New York, N.Y., was promoted to executive vice president for Planmetrics, Inc.

'49 *William Arndel* of Minnetonka, Minn., retired as vice president of the trust department for the Northwestern

National Bank of Minneapolis. He will remain as a consultant and will continue a tax and financial planning office in Minneapolis.

Robert D. Hanson of Minneapolis has changed the name of his architectural practice office to Matrix Associates, Architects.

Clyde Odin of Williamston, Mich., retired from the U.S. Fish and Wildlife Service in 1982.

Donald Spindler of Parma, Ohio, received a certificate of appreciation for editorial excellence from the American Society for Testing and Materials, an internationally recognized standards-writing organization. He is a laboratory manager of the Ferro Corp. in Independence, Ohio.

Dr. Julius Stone of Fraser, Mich., founded The American Dermatology Society for Allergy and Immunology. They have established the Julius Stone Lectureship.

'50 *Douglas H. Olson* of Edina, Minn., and *Roy H. Olson*, '52, of Edina, will celebrate the 28th anniversary of Olson Brothers Pharmacy, Inc. in June.

Paul Sokol of St. Paul retired after 42 years in education as a high school coach and athletic director. He was also an associate professor and basketball coach at the College of St. Thomas where he was elected to the Hall of Fame in 1980.

'51 *Dr. Irving Ariel* of New York City has published a book, *Malignant Melanoma*. He is a clinical professor of surgery at New York State University at Stony Brook, N.Y.

Richard G. Johnson of Brooklyn Center, Minn., is a pharmacist at Red Owl Family Center in Brooklyn Park.

John MacLennan of Edina, Minn., was elected to the board of directors of CPT, Inc., Eden Prairie, Minn.

'52 *Kenneth Kistler* of Minneapolis was elected a vice president of Lutheran Brotherhood. He serves as manager of the underwriting department.

'53 *Gordon Donhouse* of St. Paul was named the Minnesota commissioner of finance by Governor Rudy Perpich.

Robert Leonard of Silver Spring, Md., received the National Institute of Health's "Award of Merit" for his performance as an executive secretary and referral officer.

Ernest Maki of Denver, Colo., is working in Indonesia for Huffco Oil Co. He previously worked in Saudi Arabia and Nigeria.

'54 *Dr. Brian Briggs* of Minot, N.D., was elected to the board of directors of the International Academy of Metabolism.

Lucille Paradela of Los Angeles is a professor at Los Angeles City College where she has taught since 1973. In 1982 she was elected chairman of the nursing department.

'55 *Dr. David Bloom* of Marina Delray, Calif., is taking a one-year fellowship in pediatric rheumatology at the Children's Hospital in Los Angeles and from May to August will be at the National Research Center in Harrow, England.

Charles Brummer of Rothschild, Wis., was named regional claim manager for Wausau Insurance Companies.

Curtis Sampson of Hector, Minn., was elected to the United States Telecommunications Suppliers Association board of directors.

'56 *Marvin Juliar* of Evanston, Ill., was appointed in October to fill a vacancy as an alderman in Evanston.

Donald Oren of Roseville, Minn., was elected a regent of Augsburg College. He is president and owner of Dart Transit Co., St. Paul.

Dr. Mitchell Rosenholtz of Columbia, Mo., was the interim state chairman for Common Cause in Missouri.

'57 *Robert Jorgensen* of Ft. Sam in Houston, Texas,

is a colonel and assistant chief of staff, veterinary services, for the seventh medical command in Heidelberg, Germany. They are responsible for the delivery of military veterinary services throughout Europe and the Middle East. He also is a lecturer in the School of Public Health at the University of Minnesota.

Jack Moselle of Kansas City, Mo., is chief of the reconsideration branch in the Kansas City regional office of the Social Security Administration.

Janet Muellerleile of St. Paul is working on a pilot project for the Voluntary Action Center in St. Paul, funded by 3M, to interview employers of retirees for volunteer positions in agencies in the St. Paul area.

'59 *Howard Seeman* of Milwaukee, Wis., was named the outstanding journalism educator by the California Newspaper Publishers Association.

'60 *Charles Turnbull* of Faribault, Minn., is the chief executive officer for the Faribault State Hospital and is president of the River Bend Nature Center.

'61 *Delbert Stoner* of Wheaton, Ill., was appointed senior vice president of administration at the National College of Education in Evanston.

'62 *Lowell Anderson* of St. Paul, was elected director of Druggist Mutual Insurance, Algona, Iowa, and was also elected director of the Health Resources Foundation in St. Paul.

Daryl Ransstrom of Reading, Penn., is the quality assurance program manager for Gilbert/Commonwealth employees, assigned to the Zimmer Nuclear Power Plant construction site near Cincinnati.

J. Kathleen Wood of Des Moines, Iowa, received the "Des Moines Woman of Achievement" award for 1982 and is the Iowa division president of the American Association of University Women for 1983-1984.

Wisconsin Vets Elect Steinkraus

Dr. Robert H. Steinkraus, '48, '51, '53, is the new president of the Wisconsin Veterinary Medical Association. He began his career as a large animal practitioner in Mukwonago, Wis., and in 1954 formed a partnership in Milwaukee where he practiced 24 years.



'63 Jeffrey Currier of Easton, Conn., was named senior vice president of finance by Acco Babcock Inc., a diversified manufacturer.

Carol Erickson of Brookings, S.D., was elected to the accreditation board of review for the baccalaureate and higher degree programs of the National League for Nursing.

'64 David Floren of Plymouth, Minn., was elected president of Martin/Williams Advertising.

Dr. Richard V. Johnson of Wayzata, Minn., is chief of medical staff at Unity Medical Center in Fridley.

Jacob Schaefer of University City, Mo., received the Monsanto Co.'s highest award for his research in the area of stable isotope labeling and detection. He is a leader of the new analytical techniques group in the physical sciences center.

'65 Norman Larsen of Fullerton, Calif., is the owner and operator of Anaheim Physical Therapy, Anaheim, Calif.

'66 John Berryhill of Wayzata, Minn., is a product manager in the marketing department of CPT Corp., Eden Prairie, Minn.

Fred Erisman of Fort Worth, Texas, is chairman of the Texas Christian University English department. He has written western and detective fiction as well as children's literature.

David Stearns of New Brighton, Minn., was named vice president of sales and marketing of the Ramsey Engineering Co., St. Paul, which manufactures weighing and sampling systems, controls and instrumentation for the mining industry, utilities, and other process industries.

'67 John Mayo of New Orleans, La., is an associate professor of microbiology at the Louisiana State University medical center. He was elected to the executive committee of the in-

ternational committee on taxonomy of viruses.

'68 Dr. Bonnie Beaver of College Station, Texas, was named "Outstanding Woman Veterinarian" for 1982 by the Association for Women Veterinarians.

Doris Calhoun of Maplewood, Minn., received the 1982 "Bowl of Hygeia Award" from the A. H. Robins Pharmaceutical Co. for outstanding community service by a pharmacist.

Phyllis Dickstein of Yorba Linda, Calif., is a senior programmer/analyst with Carter Hawley Hale Stores. She also was elected chairman of the Pacific Southwest Council of the Anti-Defamation League of B'nai Brith.

Charles Zimmerman of Minneapolis is a member of the firm of Zimmerman, Mavzy, Caplan and Reed, attorneys at law. He is also a member of the Minnesota Alumni Association board of directors.

'69 Joyce Jackson of Golden Valley, Minn., is a consulting psychologist and a partner in J. Taborn Associates, a psychological services firm.

Gerald Wallin of Falcon Heights, Minn., is the director of reservations for Northwest Orient. He will oversee operation of the airline's new computerized reservations system.

'70 Dr. Floyd O. Anderson of Minneapolis is in private practice of psychiatry.

Harvey Chichester of Minneapolis is the director of advertising for Northwest Orient in the 56 cities in the United States that they serve.

Bonit Hackner of Plymouth, Minn., is with the controller systems division at National Computer Systems, Inc.

Merle Sampson of Cottage Grove, Minn., is director of finance and administration for Good Neighbor Care Centers Inc., owners and managers of 22 geriatric care centers in Minnesota.

Thomas Welna of New Brighton, Minn., is senior vice president with Northern Star Co. of Minneapolis.

'71 Dayton Hultgren of Minneapolis is president of San Francisco Theological Seminary in San Anselmo, Calif.

Steven Laible of New Brighton, Minn., is a senior manager with Peat, Marwick, Mitchell and Co., Minneapolis, and is president of the St. Paul chapter of the National Association of Accountants.

'72 Dr. David Eckes of Hastings, Minn., was promoted to clinical faculty professor in the Department of Family Practice and Community Health at the University of Minnesota. He is also a member of the Hastings Family Practice Clinic.

Lois Ferm of Asheville, N.C., led a tour to Israel, Jordan, and Egypt in 1982.

Thomas Hestwood of Pittsburgh, is the manager of salary administration and executive compensation of Mellon National Corp., Pittsburgh.

Henry O. Johnson is a colonel and the deputy community commander in Giessen, Germany. He will become the commander of Wildficken United States Military Community in May.

Virgil Smit of Anoka, Minn., is vice president of the St. Paul division of Ramsey Engineering Co., a unit of Baker International.

Richard Tofness of Loveland, Colo., is a sectional manager at Hewlett Packard Co. in Loveland.

Dr. John Zimmerman of Marble Falls, Texas, was elected to a third successive term as secretary-treasurer of the Marble Falls Rotary Club.

'73 Alexandra Geeza of Lindenhurst, Ill., is an occupational health nurse for Travenol Laboratories, Inc., Round Lake, Ill.

John Hamilton of Worcester, Mass., is an associate professor of classics at the College of Holy Cross in Worcester.

Raymond Walz of Redwood Falls, Minn., received the "Distinguished Service Award", sponsored by the Redwood Falls chapter of the Jaycees, for service to the community.

Dr. Walter Warpeha of Minneapolis specializes in prosthetic

dentistry. He also teaches a crown and bridge clinic and the University of Minnesota dental school.

'74 Robert Ferry of Denver is an assistant professor in the history department of the University of Colorado, Boulder. He has won an Early Career Development Award and will study motivations involved in the Venezuelans' gaining independence from Spanish rule during the period 1750-1810.

Dr. John Hiemenz of Herndon, Va., is finishing his training at the National Cancer Institute and will be joining a group of oncologists at the Halifax Cancer Center, Daytona Beach, Florida in July.

Harold M. Johnson of Minneapolis is the director of development at the Crosier Provincialate in St. Paul.

Aaron Miller of New Paltz, N.Y., is vice president for academic affairs and dean of faculty for Lindenwood College, Saint Charles, Mo.

Jeffrey Paul Schmitz of Chicago is associate vice president of ACLI International Commodity Services, Inc., a Donaldson, Lufkin, Jenrette Co. He also is vice president of the Chicago branch of the Minnesota Alumni Association.

Dr. Glenn Stenquist of Grand Forks, N.D., is a major in the U.S. Air Force Dental Corps and recently moved to Grand Forks from Anderson Air Force Base in Guam.

'75 J. Ray Black of Okemos, Mich., is a professor of agricultural economics at Michigan State University in East Lansing. He was a visiting professor at the University of Bonn, West Germany in 1982.

Robert W. Dummer of St. Louis Park, Minn., is manager of product support at Magnetic Peripherals and also received an ambassadorship from the United States Jaycees.

John Ebner of Santa Ana, Calif., is practicing law in Santa Ana.

Michael Gene Metro of Citrus Heights, Calif., has completed the coursework for a master's degree in environmental management at the University of San Francisco.



Donaldsons Named Sanders Veep
Robert E. Sanders, '72, has been named vice president of personnel of Donaldsons Stores of Minneapolis. He joined the company in 1979. Prior to that he was personnel manager for J. C. Penney, Minneapolis. He lives in Burnsville, Minn.

'76 *Fazil Bhimani* of Minneapolis received the "Presidential Award" from the Federal Reserve System in Chicago. He received a master's in business administration in March.

Ralph Brindle of Minnetonka, Minn., is a software design engineer in the residential division of Honeywell.

David Cooper of Columbia, Md., graduated from the University of Missouri in Columbia with a master's degree in agronomy in 1982.

Michael Duterman of Brighton, Mich., is a senior project engineer with General Motors Corp.

Robert Edholm of Minneapolis is an audio visual specialist in the sales promotion division of Prudential Insurance Co.'s north central home office in Minneapolis. His duties include the production of multi-image slide shows, video and audio tapes, and portrait photography.

Carl N. Johnson of Pittsburgh was promoted to associate professor of child development and child care at the University of Pittsburgh school of health related professions.

Thomas Schwartz of Bemidji, Minn., was elected president of the Minnesota Funeral Directors Association, district 10, for 1983.

Douglas Strand of East Moline, Ill., is teaching social studies and business at the United Township High School in East Moline.

'77 *Dr. Bruce Eilts* of St. Paul has completed a master of science degree in theriology.

David Langseth of Watertown, Mass., received a doctor of science degree in civil engineering from Massachusetts Institute of Technology.

'78 *Steven Ahrenholz* of Cincinnati, Ohio, is certified by the American Board of Industrial Hygiene in the comprehensive practice of industrial hygiene. He received the U.S. Public Health Service "Commissioned Officer Award" for contributions to the National Institute for Occupational Safety and Health Hazard Evaluation Program.

Mark Behren of Park Rapids, Minn., has purchased the Cardini Funeral Homes in Sebeka and Meahga. He has been involved in funeral service for 13 years.

Gertrude Bremner of Edina, Minn., received a master's degree in counseling from St. Mary's College.

Kathleen Kelm of Wahiawa, Hawaii, is finishing her master's degree in administration in Central Michigan University's Hawaii program. She is a captain in the Army Nurse Corps in Honolulu.

Marcia Mueller of Spokane, Wash., is writing a thesis for her master's degree in public administration on an obscure phenomenon, Stakhanovism in the USSR, 1935-1939.

Dennis Murphy of Sioux Falls, S.D., is a senior scientist for Technicolor Government Services, Inc., at the earth resource observation systems data center. He is involved with the design, establishment, and analysis of spatial data bases for land management applications.

Lucy Sylvia Pistrich of Longmeadow, Mass., received a master's in business administration degree from Western New England College.

'79 *Cheryl Bann* of Bloomington, Minn., was recently accepted into the master's in business administration program at the College of St.

Thomas and received the "Army Achievement Award" for meritorious service from the 451st Army Reserve Band.

Carrie Bonicatto of Burnsville, Minn., is pursuing a career as an actuary.

Michele Gardiner of Ithaca, N.Y., is working on a graduate study in plant breeding at Cornell University.

Daniel Haugen of Marshall, Minn., is a second-year law student at the University of South Dakota.

Steven Hotzler of Clarkfield, Minn., is a Vocational-Agriculture instructor in Clarkfield.

'80 *Jean Duncan* of Louisville, Ky., is executive director of the Kentucky Nurses' Association in Louisville.

Linda Gressen of St. Paul received the "American Jurisprudence Award in Evidence" for 1982. She is also on the dean's list at Hamline law school.

Dr. Douglas Hartler of Mesa, Ariz., is doing his orthopedic surgery residency at Phoenix Integrated Orthopedic Surgery in Phoenix, Ariz.

Mari Leigh Johnson of Minneapolis entered Hamline Uni-

Rediscover Carni!



Whether you were at the "U" in 1922 or 1982, Carni '83 promises to be a whole new show.

Started in 1913, Campus Carnival is now the largest student-run fund raiser of its kind in the USA.

If you were involved in a skit, ballyhoo, booth, or simply recall the experience when you were a student, you know that Carni is one of the most remarkable events at the U of M.

Watch the shows... have some food... play the games... come back to the "U" and rediscover Campus Carnival all over again.

Tickets available at Dayton's
Sponsored by (Schlitz)



University of Minnesota
Fieldhouse

April 21 - 7 p.m. to 12 p.m.
April 22, 23 - 7 p.m. to 1 a.m.

For more information,
call (612) 376-5533



UNIVERSITY OF MINNESOTA
CHILDRENS HEART FUND

versity's masters of arts of public administration in February.

Roselyn Nordaune of Plymouth, Minn., was named to the board of regents for Augsburg College. She is a partner with Rossini, Cochran, Judd and Nordaune, attorneys at law.

Ken Wypyszynski of West De Pere, Wis., has been named a professional medical representative for Syntex, manufacturers of pharmaceutical products.

'81 *Prakash VR Puram* of Minneapolis received an "Outstanding Contribution Award" from the Pillsbury Co. for contributions in the development of Oats'n Brown Sugar, Pillsbury Plus cake mix.

Katherin Anderson of Salem, Va., is a partnership coordinator with Water Project, Inc., a non-profit organization working with the public and private sector to provide complete plumbing to households in Virginia.

Richard A. Hanson of Minneapolis is supervising the south office of the Minneapolis Community Action Agency's energy assistance program.

Jeffrey Thimell of Glencoe, Minn., is a funeral director for Johnson-McBride Funeral Chapel in Glencoe.

Rieky Wintheiser of St. Paul is an account administrator for Control Data Corp. He received a "Great Performer Award" from engineering services for work in statistical quality control and computer applications of the technique.

'82 *Kenneth Katz* of Minneapolis is associated with Dun and Bradstreet, Inc., in the Minneapolis office.

Daniel Werner of Eden Prairie, Minn., is assistant vice president of Mt. Sinai Hospital in Minneapolis and was nominated for membership in the American College of Hospital Administrators.

Tory J. Johnson of Rochester, Minn., is an industrial engineer at IBM in Rochester.

Deaths

Lola (Brodtkorb) Thompson, '14, Calif., on Dec. 11, 1982.

Ossian Gruber, '20, Cuyahoga Falls, Ohio, on Jan. 14, 1982. He was a retired University of Akron assistant professor in business administration, accounting and finance.

Leonard M. Frazee, '24, Tucson, Ariz., on Nov. 21, 1982.

Harley R. Langman, '24, Fairmont, Minn., on Dec. 24, 1982.

Ina Lenore (Wood) Earhart, '27, Mt. Dora, Fla., on Dec. 6, 1982.

Lee D. McNally, '28, Hopkins, Minn., on Oct. 4, 1982. For 35 years he was the chief engineer for the Minnesota Public Service Commission.

Donald A. Aubrecht, '37, Bernardsville, N.J., on Dec. 4, 1982. He was associate director of engineering for Allied Chemical Corp. in Morristown before retiring in 1978.

Delwyn D. Pederson, '37, Watertown, Wis., on Dec. 14, 1982.

Berneice M. Zelnio, '37, Moline, Ill., on Dec. 30, 1982.

Barbara (Ronsberg) Donhower, '40, Wausau, Wis., on Dec. 24, 1982.

Chelsea R. Phillips, '40, West Chicago, Ill., in February 1982.

M. Julian Erlandson, '43, Cokato, Minn., date unknown.

Robert W. Meyer, '48, Lodi, N.J., on Nov. 18, 1982.

Dr. Richard T. Olson, '63, Virginia, Minn., on Dec. 31, 1982. He was an instructor in ophthalmology at the University of Minnesota and on the staff of physicians at the East Range Clinic in Virginia.



Fred Hovde Dies

Frederick L. Hovde, '29, president emeritus of Purdue University, died in March at West Lafayette, Ind. An outstanding athlete, he played both football and basketball for the University of Minnesota and was quarterback of the 1928 All-Big Ten football team. He retired from Purdue in 1971.

What's Up At the Minnesota Alumni Club?

There are a lot of April and May special events for Minnesota Alumni Club members and their guests.

National Secretaries' Week is coming up soon, and the Minnesota Alumni Club will be offering a luncheon buffet in honor of all secretaries on Wednesday, April 27; Thursday, April 28; and Friday, April 29. Reservations may be made from 11:30 a.m. to 1:45 p.m. each day. Treat your secretary or your whole office staff to a special luncheon. Make your reservation soon.

April Saturday, April 16 April in Paris

A perfect setting for romance, with starlight, and a gourmet menu of French delicacies to tempt you. Five members of the original Golden Strings will be strolling tableside for your enjoyment. A special offering of French wines will complement your dinner, and there will be dancing too. Reservations from 6:30 p.m.

May Saturday, May 7 Opera Night at the Club

This will be an exciting evening of Italian food and superb opera. Professional singers will perform from 8 to 9 p.m. singing excerpts from favorite operas. This is a popular event we know you will enjoy. Reservations from 6:30 p.m.

Monday, May 16 through Saturday, May 21 Metropolitan Opera Week Pre-Opera Buffet

If you are a Metropolitan Opera fan — or not, you'll want to partake of our elegant Smorgasbord offered every evening throughout this week from 5 to 7:30 p.m. Chartered buses will be provided to and from Northrop Auditorium.

Members of the MAA are eligible to join the Minnesota Alumni Club. If these special events interest you, perhaps it's time you joined the top dining club in the Twin Cities. Call (612) 373-2466 for membership information.



MINNESOTA ALUMNI CLUB

50th Floor, IDS Tower
Minneapolis, Minnesota 55402
(612) 376-3667



Loren Neubauer developed the "Solar Ranger," a device that helps chart the sun's seasonal path.

EVERYTHING'S UNDER THE SUN

Hogbarns, sundial shadows, and melted rubber boots. For Loren Neubauer, '26, '32, '48, these were the things from which inspiration was born. When the hot sun was nothing more than a nuisance on a sweltering summer day, long before "solar energy" became a popular notion among the conservation-conscious, Neubauer was extolling the simple virtues of passive solar heating and cooling.

First intrigued by the sun and its curious ways from watching the shadows move on a sundial, then impressed by its power because of a boyhood companion's boots that, when left in a sunny attic window for the summer, melted into a black, amorphous glob, Neubauer turned his attention to solar power.

On his grandfather's farm, he noticed that the swineherders instinctively constructed their hogbarns to take full advantage of the sun. Their barns opened to the south to let the winter sun in and had long roof overhangs to keep the summer sun out. There were no windows on the north ends.

Neubauer, who got his degrees in civil engineering at the University, received an "Award of Distinction" at the Sixth National Passive Solar Conference for his pioneering efforts in passive solar heating and cooling. Much of his research began on the St. Paul campus. After receiving his bachelor's degree

in 1926, Neubauer taught mathematics at the University for two years before moving to the St. Paul campus where he began to incorporate his ideas about passive solar power into the construction of farm buildings and residences.

In 1940, Neubauer moved to California where he taught agricultural engineering at the University of California, Davis, for more than 30 years. Although currently retired, Neubauer, 78, is still doing some research on the structural strength of wooden columns. He is a professor emeritus at Davis.

"My most important research now," Neubauer said laughing, "is fly fishing and fly tying. A few hours away, in northern California, we have some very good trout and steelhead fishing." He is married, has one daughter, four grandchildren and three great-grandchildren. He has published dozens of papers on solar power and a textbook that included a section on incorporating passive solar heating and cooling techniques into the construction of farm buildings.

"When we first started studying passive solar heating and cooling 30 or 40 years ago, Neubauer said, "the subject was pretty unpopular. It wasn't until the last five or 10 years that other people got interested."

ONCE OVER LIGHTLY



JEAN PLEM

THE SWEET TASTE OF VICTORY

One cold night this winter 70 students paid \$3 each to watch a half-dozen wrestlers wallow in 150 gallons of gelatin.

It took a couple of hours.

"It was really cold and slippery at first," said Doug Mintz in the striped

shorts who is tackling Jim Berg in a wiggly concoction of strawberry, orange, and lemon.

Gelatin was mixed the night before in 55-gallon barrels and left outside to jell.

Money from the ticket sales will be used to help defray administrative costs for the new Jewish Student Center at

the Hillel Foundation, according to Vicki Goldish, director of student services.

"It took quite a lot of effort," she said, "but I think everybody had a good time."

And as one spectator mumbled after a match, "Boy, that was short and sweet."



**The University of Minnesota
Alumni Association
presents
THE PEOPLE'S REPUBLIC OF CHINA
September 4 — September 24, 1983**

Scheduled Jet Service

- PAN AMERICAN WORLD AIRWAYS' Boeing 747 SP, wide-bodied jet, to HONG KONG and return from TOKYO.
- People's Republic of China (CAAC) Boeing 707-jet, within China and from Beijing to Tokyo.

HONG KONG

- THREE NIGHTS at the MANDARIN HOTEL.
- Full AMERICAN BREAKFAST daily at the Mandarin.
- Gala ALUMNI "Welcome" COCKTAIL PARTY.
- Half-Day Sightseeing Excursion of the highlights of Hong Kong.

PEOPLE'S REPUBLIC OF CHINA

- Visits to SHANGHAI, SUZHOU, GRAND CANAL, WUXI, NANJING, XI'AN, and BEIJING.
- ALL MEALS are included during your visit to the People's Republic of China!
- ALL sightseeing and transportation - including entrance fees - are included.

TOKYO

- TWO NIGHTS at the deluxe HOTEL OKURA.
- Half-Day Sightseeing Excursion of the highlights of Tokyo.
- AMERICAN BREAKFAST each day at your hotel.
- "Farewell" Alumni COCKTAIL PARTY.

SPECIAL ALUMNI PRICE

\$4050*

*Per person from SAN FRANCISCO, based on two per room occupancy. Includes all taxes and services for included features.

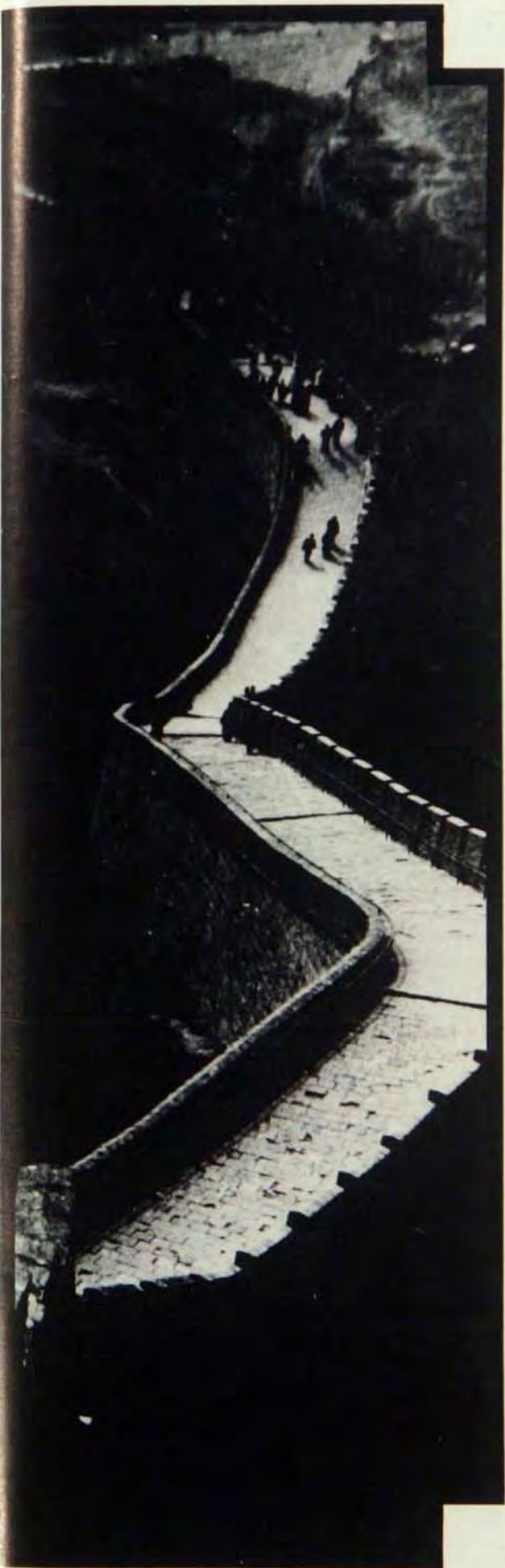
Send for the colorful brochure which fully describes this trip of a lifetime!

**Send to: The University of Minnesota
Alumni Association
100 Morrill Hall
100 Church Street, S.E.
Minneapolis, Minnesota 55455**

Name _____

Address _____

City _____ State _____ Zip _____





WE FIGURED IT OUT FOR YOU



[Faded text from an adjacent page, partially visible on the left edge.]

Prices.

[Faded text under the 'Prices.' header, partially visible on the left edge.]



It was really no puzzle at all. In fact it makes a lot of sense. Group Term Life Insurance. One of the many benefits available to MAA Members. For more information please call our administrator at 612-588-2731.

- Minnesota Magazine
- Recreational Classes
- Library Privileges
- Books
- Minnesota Travelers
- Alumni Association.
- The Outdoor Store
- Golf Course Privileges
- Low Cost Group Term Life Insurance
- University Press
- Your Minnesota

C00000353G2
SERIAL RECORDS 0000888082

30 WILSON LIBRARY
309 15TH AVE S
MINNEAPOLIS, MN 55455



[Small vertical text at the bottom right corner.]

MINNESOTA

University of Minnesota Alumni Association

May 1983



There's room at the top. If you are a member of the Minnesota Alumni Association you are eligible to become a member of the Minnesota Alumni Club.

High atop the IDS Building in downtown Minneapolis, towering 50 stories above the city, the Minnesota Alumni Club offers Minnesota alumni an exquisite and spectacular setting. The view is breathtaking; the service exceptional. And the

gourmet menu selections are unsurpassed. The Minnesota Alumni Club is truly one of the Twin Cities' top dining experiences. The Minnesota Alumni Club is the ideal location to celebrate special occasions, entertain out-of-town guests, or to hold business

meetings. Complete dining, banquet, meeting and lounge facilities are available for exclusive use by members. Club membership requires the payment of additional dues (\$195 resident), (\$40 non-resident) plus a one-time nominal initial fee.



Join us at the top. Apply for Minnesota Alumni Club membership today.
Call (612) 373-2466 and ask for Cheryl.



MINNESOTA ALUMNI CLUB

High Atop the IDS Tower

MINNESOTA

May 1983

Volume 82 No. 7

Contents

Editor

Richard D. Haines, '76

Associate Editor

Chuck Benda

Assistant Editor

Bev Bachel

Graphic Designers

Alan Johnson, Linda Paulson

Photographer

Rob Levine

Minnesota Alumni Association

Executive Committee

President

John W. Mooty, '43, '44

Vice President

Thomas E. Holloran, '55

Secretary

Pamela Lind Nichols, '67

Treasurer

Charles M. Osborne, '75

Members

Harvey Mackay, '54

Penny Winton, '74

William Pearce, '52

Emily Anne Staples, '50

Thomas Bergstedt, '52

William I. Fine, '50

Past President

The Hon. Diana E. Murphy, '54, '74

Executive Director

Stephen W. Roszell



8 Taking Up the Fight

by Chuck Benda

Melissa and Alan Watson are determined to save the Boundary Waters Canoe Area, a place they enjoy, and a place they want to endure.



13 'The Years You Made the Difference'

A photographic portfolio of the early 1930s and 1940s at the "U" features slides from a show designed to put "class" back into class reunions.



18 Money Does Grow on Trees

by Chuck Benda

Willow trees are a renewable energy source for Minnesota that could save Minnesota millions of dollars.

Departments

- 4 Steve Roszell
- 5 At the 'U'
- 22 Minnesota Alumni Association
- 25 Colleges & Schools
- 30 Sports
- 32 Class Notes
- 38 Once Over Lightly

Cover: Industry and automobiles, the power companies and metal smelters, pour millions of tons of pollution into the air each year. Some of these pollutants cause acid rain, and the outlook for fragile ecosystems such as the Boundary Waters Canoe Area is grim. Melissa and Alan Watson are sounding the alarm. Photo by Rob Levine.

Minnesota (ISSN: 0164-950), May, 1983, Number 7, is published monthly from September through June, except January and February, by the Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street SE, Minneapolis, Minnesota 55455 (612-373-2466). *Minnesota* is sent to the members of the Minnesota Alumni Association. Member of the Council for Advancement and Support of Education. *Minnesota* is a continuation of *The Minnesota Alumni Weekly* founded in 1901.

STEVE ROSZELL

Focusing for the Future

Precisely one year ago, your fellow alumni who serve in leadership positions as members of the MAA Board of Directors adopted a revised goals statement to chart the future direction of the Association. The goals, simply stated, were to:

- Give public and community support to the University;
- Be supportive to the Minnesota Foundation in its fund raising activities;
- Provide services to our alumni.

Task forces were appointed to develop strategies and programs to accomplish these goals and immediately the face of the Alumni Association began to subtly change.

Under the able leadership of Bill Pearce, '52, the task force on public and community support recommended "a more unified effort by the Association in support of the University legislative activities." A January event where over 300 alumni leaders were briefed by President Magrath and Vice President Stanley Kegler on the important issues confronting the University as it approached the legislative session was the beginning of this unified effort.

Work began around the state to build the Presidential Network, an organization of alumni who have agreed to assist the University in legislative relations, recruitment of high ability students, and identification of potential donors. In addition, these groups have pledged themselves to develop public awareness of University accomplishments in their community. Ten Network areas have now been developed with four more planned for implementation by June. The Network concept expands public and community support for the University by complimenting the already existing statewide alumni chapters with the commitment of volunteers to work on specific projects.

In response to the goal of support for the Minnesota Foundation, Alumni Association and Foundation leaders have been cooperating on projects to increase individual alumni giving to the University. This year's comprehensive



Bill Pearce.



Pam Nichols.

phone program for gift and membership solicitation has increased both the number of alumni donors and the dollars raised to an all time high for the University while at the same time, Alumni Association membership has risen to a record level of 28,000 dues paying alumni. This demonstrates that these cooperative efforts are mutually beneficial to both the Association and Foundation, but most importantly, success of both organizations multiplies alumni support for the University. An additional benefit of the commitment of energy and resources to this phone project has been improvements it has provided for the University's central mail list of alumni. 2,500 lost alumni have been found and 150,000 corrections have been made to the records, saving the University the incalculable costs of poor records.

The goals of services to alumni was addressed by a task force chaired by Pam Nichols, '67. The changes all of you as members will notice include four new membership benefits initiated this year. The expanded access to University facilities, (libraries, St. Paul Student Center) discounts for alumni on Wellness Awareness and Exercise programs are the first responses to the task force recommendations. In the next few months, an expanded travel program with new emphasis on adventure and educational travel and special continuing education discounts and offerings will contribute to the goal of new services for alumni.

Work on these goals started under the Presidential leadership of Diana Murphy in 1981 with the appointment of a goal evaluation task force. Implementation began this year under the leadership of President John Mooty, and will continue to be refined and gain momentum when the new Association officers begin their terms in July. Through dedicated volunteer leadership, the Association is gaining a new face; a face to meet the challenges of the '80's by positioning the Alumni Association to be even more responsive to the changing needs of the University and its graduates.

AT THE 'U'



Groups to Study Economic Recovery, Graduate Education

Contributions the University of Minnesota can make to the economic recovery of the state and the quality of graduate education and research at the University will be two of the major themes in the University's planning process for the next two years.

David Lilly, dean of the School of Management, is heading the Task Force on Higher Education and the Economy of the State. Robert Holt, dean of the Graduate School, will chair the Task Force on the Quality of Graduate Education and Research.

Three other planning themes will be the student experience, the international character of the University, and the impact of new computer technology.

Selection of themes for planning is intended to help the University narrow the focus of its planning effort, said Nils Hasselmo, vice president for administration and planning.

Courses Offered In Elderhostel at 'U'



The University of Minnesota, along with 24 other Minnesota colleges, will offer a two-week-long program of residential continuing education for anyone 60 years old or older this summer.

In its sixth year in Minnesota, Elderhostel is part of a national network that began nine years ago.

Hostelers arrive on campus on Sunday and stay until the next Saturday

morning, living in college dormitories, interacting with peers, and experiencing the role of student in specially designed academic courses. Courses are taught by regular college faculty. The cost for a one-week program will be \$180 for food, lodging, and class instruction.

Elderhostel at the University of Minnesota Twin Cities campus is as follows:

July 10-16: "Children's Literature: A Critical Approach"; "The Arab-Israeli Conflict: The Past as Prologue"; "A Sense of Place: Attitudes Toward Nature in Eastern and Western Cultures";

July 24-30: "Women and World Cultures"; "Sexuality and Self-Image"; "Twentieth Century American Music."

Call (612) 376-2704 for a catalogue of all Minnesota programs.

Low Dorm Rate Announced

Room and board rates for the University of Minnesota's eight Twin Cities residence halls will rise by less than four percent next year — the lowest increase in 10 years.

The quarterly rate for a typical double-occupancy dormitory room plus three meals a day will be \$792 for the 1983-84 school year, an average increase of \$30 a quarter.

\$25,000 Bowl Reported Missing From Ford Hall

A pre-historic bowl with an estimated black market value of \$25,000 has been reported missing from a University of Minnesota storage room.

The bowl, part of the University's collection of artifacts from the American Southwest, was reported missing after a year-long search of the archaeology laboratory in the subbasement of Ford Hall on the Minneapolis campus. It was among millions of items collected by the University during archaeological digs and had not been inventoried for several years, according to Jan Streiff, the research archaeologist in charge of the collection.

"Items from the southwestern United States are currently the hottest items on the international black market," Streiff said. "They're very much in demand by people who want them for their own collections. We didn't place any monetary value on the bowl — it's really beyond that — but on the black market this bowl would go for about \$25,000."

Another Budget Cut; This One Nine Percent

University of Minnesota schools and colleges must find ways to cut an average of nine percent from their 1983-85 budgets.

During the next several months internal budget-cutting negotiations will continue and will culminate in a budget for 1983-1984, expected to be up for regents' approval in August.

The money cut from collegiate budgets will be used to avoid further mid-year budget cuts that can result from external events, said University President C. Peter Magrath. Since 1980 the University has suffered four mid-year cuts made because of the state's money troubles.

"Fiscal circumstances are going to continue to be difficult," Magrath said. He called mid-year retrenchments "devastating," and said that across-the-board cuts mandated by cuts in the middle of a funding year "represent an abandonment of choice and priorities and guarantee mediocrity."

Under the current plan, an \$18 million retrenchment and reallocation pool of money will be built for 1983-84 with an additional \$9 million for 1984-85. Funds for the pool will come from cuts in college budgets and from tuition increases.

DesRoches Becomes Top-Ranking Woman In Administration

Mary DesRoches, comptroller-treasurer for the city of Minneapolis since 1978, has been named associate vice president for finance and

business operations at the University of Minnesota.

DesRoches became the top-ranking woman in the university's administration on May 1. She will serve as the principal senior associate to the University's treasurer and vice president for finance and operations, Frederick M. Bohlen.

DesRoches's appointment follows a year-long national search to replace Clinton Johnson, who retired as treasurer and associate vice president for finance last August.

Researchers Looking At Universe's End

A \$7 million grant for the expansion of a University of Minnesota physics laboratory searching for proof that the universe will end has been approved by the U.S. Department of Energy.

At least \$1.5 million of the grant will be spent to expand the underground laboratory in Soudan, Minn., and will mean jobs for several dozen construction workers and skilled tradespeople from the economically depressed Iron Range of northern Minnesota.

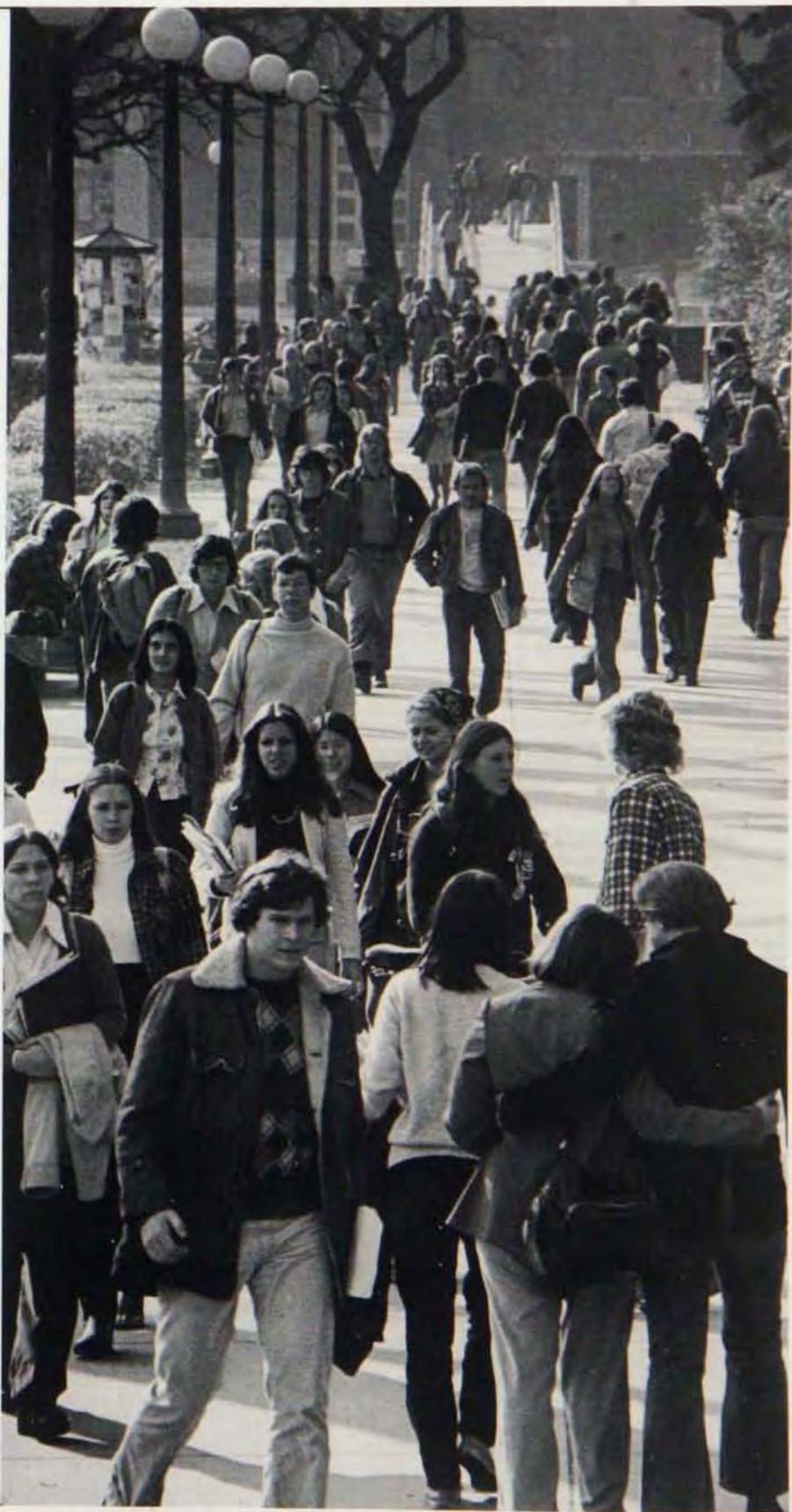
Another \$1 million will be used for operating the facility. Construction should begin in October, but University of Minnesota physicist Marvin Marshak stressed that applications for those jobs will not be taken for some time.

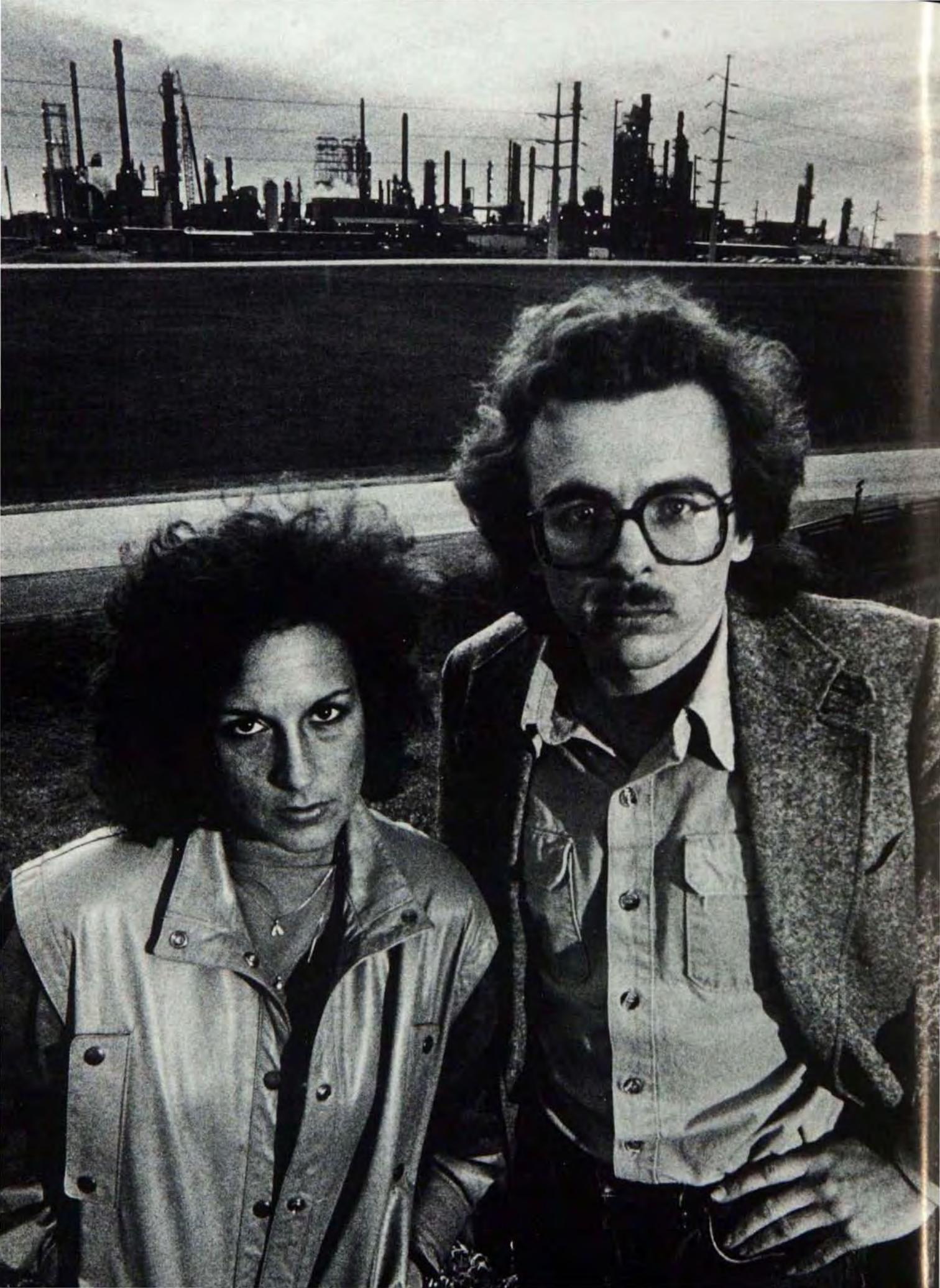
Marshak, project director, announced the grant, which is to be awarded over three years, at a meeting Tuesday (March 15) with Minnesota Gov. Rudy Perpich and university officials.

The physics experiment is an attempt to find evidence of the decay of the proton, an essential building block in all matter. If proof of proton decay is found, proof that all matter eventually decays will also have been found.

The two-year-old laboratory was built in a mineshaft 2,000 feet deep so that most extraneous earthly and cosmic signals would be screened out. Expansion of the project will allow physicists to extend their search to even rarer forms of decay, Marshak said.

The scientific team includes physicists from the University of Minnesota, Oxford University, Argonne National Laboratory, the Rutherford National Laboratory in England and Tufts University.





taking up

THE FIGHT

by Chuck Benda

"... the hope for the world is in you — you are the new generation — I am the old generation. You have your task to do, you have to carry on the battle to preserve such beautiful places as this, for the battle goes on endlessly. It's your task — you've got to see that you keep the flame alive, no matter what the obstacles. The whole world depends on you."

Sigurd Olson, April 4, 1899-January 13, 1982

The Boundary Waters Canoe Area is Minnesota's greatest natural treasure. Covering more than a million acres adjacent to the Canadian border in northeastern Minnesota, the BWCA contains more than a half-million acres of virgin forest. It also contains a unique and historically rich waterway, the Voyageurs Highway — thousands of pristine lakes and streams that provide access to this wilderness area to anyone with a canoe, a paddle, and a love for the wilderness.

For nearly a century, those who have loved the area, which became known as the BWCA in 1958, have battled to preserve it as a wilderness, both for themselves and for future generations. After World War I, as recreational use of this area increased, the battle began. There were those who wanted to build roads into the area and build resorts. A series of hydropower dams were proposed and in the early 1920s, one of the nation's earliest environmental battles was launched.

In 1926, part of the area was desig-

nated as "primitive" and protected from development. In 1930, Congress passed the Shipstead-Nolan Act, which prohibited the alteration of existing water levels and logging along the natural shorelines of the lakes and streams. In 1938, the Superior Roadless Primitive Area was established, protecting about a million acres of the Superior National Forest. In 1949, President Harry S. Truman issued an executive order prohibiting recreational aircraft use in the area. In 1958, the BWCA got its name, and, in 1964, it was incorporated into the National Wilderness Preservation System.

Each of these battles was won through the efforts of thousands of people for whom the BWCA was much more than just another pretty place. But there were those whose efforts stood out among the thousands. Bill Magie and Sigurd Olson each spent more than half a century fighting for the BWCA and were involved in every major battle thus far, including the passage of the 1978 bill that prohibited logging and restricted the use of motorized vehicles in the BWCA. They battled the loggers, and the miners, and the resort builders and they battled the politicians. Magie died in 1981. Olson died in 1982. But "the battle goes on endlessly." Today the BWCA is facing what may be the most serious threat to its survival yet — acid rain. Hundreds of lakes in the BWCA — and in other parts of north central and north eastern North America — are dying at the hands of an enemy that moves invisibly among the clouds and falls to the earth with the rain and the snow, as it quietly

and steadily poisons the fish and the frogs, the insects, the plants, the trees, the soil. Where is the new generation that Olson called upon?

Melissa and Alan Watson of Minneapolis are of the new generation. They began fighting to preserve the BWCA in 1975, but the story of their relationship with the BWCA goes back to the late 1960s and is so deeply entwined with each of their life stories that it would be impossible for them to tell you much about themselves beyond their names and ages without talking about the BWCA. For each of them, their first exposure to the BWCA had a dramatic affect on their lives.

Melissa, 26, who grew up in St. Louis Park and received a bachelor's degree in political science from the University of Minnesota in 1982, was 11 when she took her first trip in the BWCA — a 12-day trip with a church group.

"The first week was a constant down-pour," she said. "I kept wondering what I was doing there. I came from a family of non-campers, and really, non-outdoors people. If I had just gone up for four nights, I probably never would have gone back, but I fell in love with it the second week and didn't want to leave."

If you ran into Melissa in the city today, you might peg her as a successful businesswoman — or perhaps an artist or a musician — rather than an outdoorswoman. (She is studying dance as an avocation.) She is tall and attractive, and dresses with a fashionable flair.

There is nothing at all rugged about her appearance, but her heart is with the BWCA.

The following summers, Melissa returned to the BWCA, as often as she could. "It was quite a change in my life," she said. "I could hardly wait to go back up again, and each time I learned more and more. About myself as well as about the outdoors. I think that it was the first time I really faced what I thought about; what was important to me."

Alan, 33, grew up in a small town called Sebeka in northern Minnesota. He moved to Minneapolis with his family when he was nine. His father's health was failing and he wanted to live closer to the kinds of health care he could get in the Twin Cities. A short time later, his father died.

Alan also evades any outdoorsman stereotypes. In a suit and tie he looks more like a young lawyer or the sales manager he once was. His first trip to the BWCA came in the summer of 1971, after a 21-month hitch in the army, five quarters at the University of Minnesota, and a summer in Paris.

"I'll never forget it," Alan, who received a bachelor's degree in history from the University in 1973, said. "It was a very cathartic experience. I just fell in love with the Boundary Waters. It's kind of hard to explain. It was almost a religious or a spiritual experience."

"In retrospect, it was a kind of healing experience, too. It was kind of a shock moving to Minneapolis at nine years of age and having my father die right away. I was pretty shy in junior high and high school. I worked a lot, selling newspapers and magazines. I worked about 20 hours a week through high school.

"That first trip — the solitude and just being out in the woods and canoeing — I rediscovered something that I had lost a long time ago."

Alan and a friend drove all the way to the BWCA for a one-night trip.

"We really didn't understand what we were doing. We arrived at Sea Gull Lake at about seven on a Saturday morning. We didn't have any coffee, any matches. We got out on Sea Gull, got out of the first bay, went through the large part of the lake and stopped at the first campsite."

They returned the next day, but the following weekend, they took a four-day trip in the BWCA, and later in the summer returned for a week-long trip. It was the BWCA that brought Alan and Melissa together in the spring of 1974.

"She kind of snubbed me when we first met," Alan said. "Then her friends and my friends — we all got in a car and went to get something to eat. Melissa and I started talking about the Boundary Waters somehow and spent most of the evening talking about it."

"I guess that was the start of everything," Melissa said.

Melissa was 17, just finishing high school when they met. Alan was 24.

"It's hard to say what would have happened, without that common experience (the BWCA), but we became very good friends and fell in love with each other," Alan said.

They got engaged and began planning a trip together in the BWCA for that summer. In August they were married, to each other and, seemingly, to the Boundary Waters.

Alan began working for American Telephone and Telegraph and going to law school at night. Melissa entered the University and began studying forestry. She also worked part time. After a year of hectic schedules during which they hardly saw each other, Melissa dropped



out of school and Alan dropped out of law school. They had decided that they needed more time together.

In 1976, however, their love for the Boundary Waters got them caught up in a life of hectic schedules that hasn't stopped since. They became concerned about efforts to loosen the restrictions on use of the BWCA and open the area to logging and mining. After attending a meeting of The Friends of the Boundary Waters Wilderness, they joined in the battle to protect the BWCA from this latest threat.

The Friends, then chaired by Bud Heinselman (an adjunct professor of ecology and behavioral biology at the University), were trying to stop James

Oberstar's bill to weaken BWCA protection and pass Don Fraser's bill to increase the protection. They knew they needed national support to do so, and began urging people from Washington, D.C., to California to fight for the BWCA.

During the next two years, Alan and Melissa spent hundreds of hours planning and coordinating a telephone campaign to rally support for the Fraser bill.

During the fight for the Fraser bill, Alan continued working for AT&T, working his way up to a job in sales management where he earned almost \$30,000 a year. Melissa returned to the University, first studying journalism and then turning to political science, partially because of her work for The Friends.

As he became more active and visible in the environmental movement, Alan began to get pressure from his superiors at AT&T to tone down his political activism.

"It was thought (at AT&T) that when that bill finally passed (the Fraser bill), Watson will get out of it," Alan said.

Instead, he was elected chairman of The Friends of the Boundary Waters Wilderness. He received an ultimatum from his supervisors to get out of his environmental activist role. Watson said that although they probably never could have fired him, he thought they would have shunted him off in a corner somewhere. Instead of quitting The Friends, he quit working for AT&T in 1979.

In the past, Alan said, groups that had formed to protect the Boundary Waters had disbanded after their particular battle was won. This time, the Watsons wanted to hold The Friends together, because they wanted to make sure all of the measures of the 1978 bill were properly implemented, and because another more serious problem was beginning to threaten the BWCA — acid rain.

Acid rain — or acid precipitation, since snow, sleet, and even fog can become acidic — is a highly controversial problem today. It is known that acid precipitation can be extremely destructive to certain environments, but there is disagreement about how serious the threat is and how it should be handled. In 1979, however, the dangers of acid precipitation were just becoming known in the United States.

The Friends of the Boundary Waters became one of the first groups in the country to recognize the dangers posed to our lakes and streams by acid pre-



BOB LEVINE

Except for Melissa and a part-time secretary, *The Friends* is run by volunteers. Laurie Shannon, a graduate of the University and treasurer of *The Friends*, and Don Clifton, a University Extension student, talked with Alan Watson at a recent meeting.

precipitation. They began to seek more information on acid precipitation so they could help educate people on the dangers involved. They also began fighting for more stringent controls on the kinds of air pollution that cause acid precipitation.

Acid precipitation forms when certain air pollutants — primarily sulfur dioxide and nitrous oxide — combine with moisture, whether it be snow or rain or fog.

Approximately 65 percent of the sulfur dioxide that comes from man-made pollution comes from electric utilities that burn fossil fuels, primarily coal. The remainder is produced by various industries and cars, trucks, and other transportation vehicles. The main source of nitrous oxide is cars and trucks — about 50 percent — with another 30 percent coming from the electric utilities.

The billions of tons of pollution that we pour into the air each year are causing precipitation that is anywhere from 10 to more than 1000 times more acidic than normal rainfall. The occurrences of extremely acidic precipitation — rain more acidic than lemon juice has fallen in the United States on occasion — are rare. But precipitation that is from 10 to 40 times more acid than normal is be-

coming commonplace throughout much of North America.

The effects of acid precipitation are widespread and extremely costly. It has been estimated that the damage done to statues, buildings and other structures such as bridges is costing from two to five billion dollars annually. But the damage done to fragile ecosystems such as the Boundary Waters is the effect that most concerns *The Friends*.

In some parts of the country, lakes and streams have a great capacity to absorb acid precipitation with little or no effect, but in the north and northeast, where the soil is thin and there are few natural buffers such as clay or limestone which help to neutralize the acid, acid precipitation is killing the lakes, the fish, and other sensitive life forms.

In Scandinavia, where acid precipitation has been a problem for a longer time, thousands of lakes and streams have already acidified to the point where fish cannot survive in them. In New England and eastern Canada, hundreds of lakes and streams have suffered the same fate.

In northern Minnesota, in and around the BWCA, nearly 300 lakes have been determined to be extremely

sensitive to acid precipitation. At the current rate of acid precipitation, some of these lakes will acidify within the next ten years.

For *The Friends of the Boundary Waters Wilderness*, it would be something like sacrilege to stand by and do nothing. After the hard work and long hours that led to the passing of the 1978 bill, some of *The Friends* drifted away. They had lost their momentum and enthusiasm. But Alan and Melissa felt it was important to keep *The Friends* involved, primarily because of the threat of acid rain.

"There have been many times when I've thought twice," Melissa said. "It does consume a large part of our lives.

"Our close friends and family got frustrated with us because we had no time for them. They thought we were crazy," she said.

"It's kind of a mixed thing," Alan said. "We feel strongly about it, and want to do it, but at the same time there's a certain drudgery in continuing, in doing what needs to be done. We'd almost like to quit, but with acid rain, we hardly feel we can."

So they continued. Alan eventually took another job, working in public relations for a health care group based at

St. John's Hospital in St. Paul. Melissa finished her education at the University and then went to work as The Friends' first full-time employee. Although there are still hundreds of others actively involved, it has been primarily Alan and Melissa who have held the organization together.

With acid rain, their greatest efforts have been to educate the public and gather information on acid rain. As executive director, Melissa travels across the country, distributing information to educators in schools and colleges.

They have attended countless hearings on acid rain and rallied others to do so. They developed a slide show on acid rain, selling more than 700 copies to schools and libraries across the country.

of the cost of installing such equipment. The Reagan administration favors lessening the controls on air pollution. Despite the evidence of the dangers of acid rain, many industry and government sources are clamoring for more research.

After a hearing on air pollution and acid rain in Minnesota that lasted more than 18 months and included thousands of hours of testimony by experts from both sides, hearing examiner Howard Kaibel Jr., recommended that air pollution controls be made more stringent since acid rain presented a clear and present danger to Minnesota. The Quie administration succumbed to political pressure, however, and supplanted the Kaibel report with a shorter report from

ing Minnesota tourism by painting a dark picture, but we're at the point right now where we don't even get nervous when we hear there may be some mineral exploration near the Boundary Waters. Unless we reduce the acid load, it's not just the lakes, it's the wildlife and eventually the forest. There will be no tourism industry in Minnesota in the late 1990s. Forestry will be threatened, and certainly agriculture. Agriculture, forestry, and tourism are our three biggest industries and unless Minnesota addresses this problem dramatically, these industries will deteriorate by the end of the century."

Their involvement with the Friends of the Boundary Waters has cost Alan and Melissa a great deal of time and



BOB LEVINE

As executive director and The Friends' only full-time employee, Melissa spends most of her time answering questions and disseminating information about the BWCA and acid rain.

They purchased a copy of the Canadian film, *Acid Rain: Requiem or Recovery*, to help educate the public. And they continued to build their library on acid rain. Today, Melissa spends much of her time helping University of Minnesota students find the materials they need to do papers on acid rain.

The level of man-made pollutants that cause acid rain could be reduced by as much as one-half, merely by utilizing available technology. In Japan, where they have installed more than 1,200 "scrubbers" (equipment that removes pollutants from smokestack emissions), the level of pollution has been cut by 50 percent, even though the burning of fossil fuels has increased. But industries and the utilities in the United States have been dragging their feet, because

one of Kaibel's superiors. The second report called for "more research."

When people ask about acid rain damage," Alan said, "they ask whether any lakes in Minnesota have acidified and the agency (Minnesota Pollution Control Agency) quickly says no. But the actual damage occurs while the natural buffering capacity is being consumed by the acid deposition.

"When a lake acidifies, there isn't damage anymore. That's irreversible death. If we wait until one lake acidifies, that means that another 100 or more will follow quickly.

"We're accused by the utility people and by some agency people of threaten-

ing. It has, at times placed a strain on their personal and work lives. Since they began fighting for the BWCA, they don't make as many canoe trips as they used to. But they go on fighting, along with thousands of others, because they take the advice of men like Bill Magie, whose last words were "Save the North." They are part of the new generation, and they believe Sigurd Olson, "... the hope of the world is in you ... for the battle goes on endlessly."



Editor's note: For more information on acid rain or the Friends of the Boundary Waters, call (612) 827-5362, or write to: The Friends of the Boundary Waters Wilderness, 3255 Hennepin Avenue, Minneapolis, MN 55408.

"The Years You Made the Difference"



Male cheerleaders circa 1940 at Memorial Stadium.

There was FDR, the WPA, the NRA, CCC, and the U of M. No, that isn't alphabet soup, those are acronyms from the 1930s and 1940s.

Listen and you may hear the sound of the big bands or the dry wit of radio's Fred Allen.

Better yet, attend the Minnesota Alumni Association-sponsored class reunions at the "U" May 19, 20, and 21,

featuring the classes of 1933 and 1943, along with those grads who have been out of school 50 or more years.

Emphasis this year will be on an expanded reunion.

One of the highlights of the three-day event will be a slide show — "The Years You Made the Difference" — with slides from the era of the Great Depression and World War II.

Minnesota magazine thought its read-

ers would like a sneak preview of what the grads will be seeing at the luncheon.

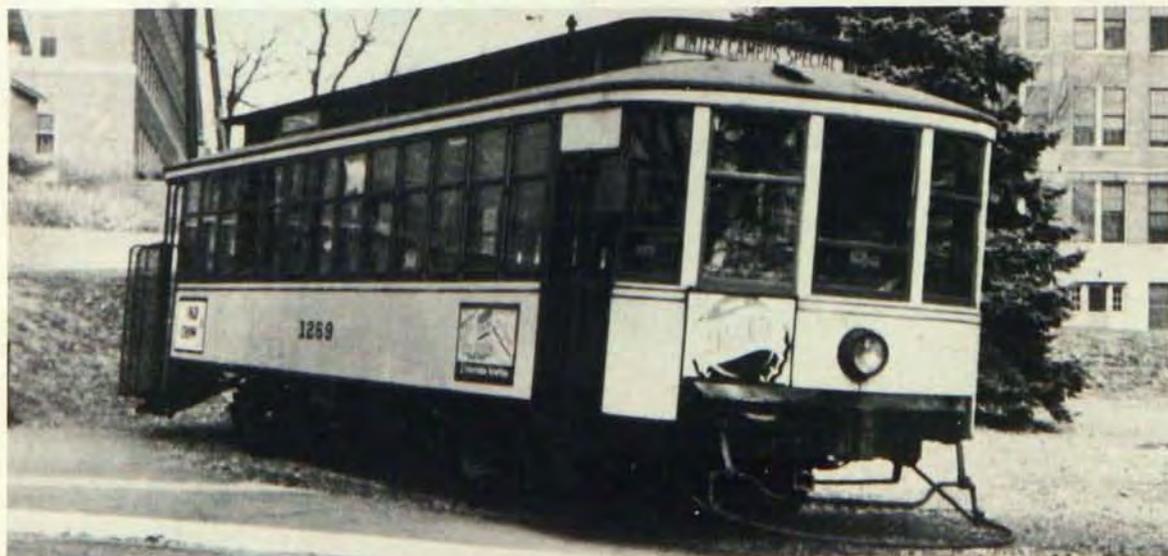
The MAA hopes the show and the reunion activities will result in the following:

Reunions should allow people to get together to share a common past, rekindle the same spirit they once enjoyed, and to reestablish their link with the University of Minnesota.

"--- You Made the Difference"



Cheerleaders running onto the field at a football game in 1941.



Inter-campus line from the St. Paul campus to Minneapolis circa 1940.

"---You Made the Difference"



In the early 1930s, Minnesota takes on Wisconsin.



Football Coach Bernie Bierman watches from the sidelines in this 1942 contest.

“---You Made the Difference”



Caps and gowns and a parade, all part of the graduation ceremonies.

“---You Made the Difference”



MINNESOTA HISTORICAL SOCIETY PHOTOS

Goldilocks Rice and Joe Rock of Chicago perform at a dance marathon in the St. Paul campus auditorium.



Money Does Grow on Trees

by Chuck Benda

Weeping, black, shining, and sandbar; furry, silky, hoary, and prairie; red, white, velvet, and least — the common names of willows suggest more variety amongst these plants of the genus *Salix* than you probably ever knew existed. Surely you can identify a weeping willow by its graceful, drooping branches; and in the spring, you know a pussy willow when you see one. Beyond that — red, white, silky, or hoary — they're all just willows. But, if Minnesota industries take the advice of a group of University of Minnesota researchers, the lowly willow may one day provide the state with more than a million dollars worth of energy every day — and eliminate the need to import an equivalent amount of other fuels.

Throughout the years willows have been used for everything from paper pulp to cricket bats to baskets. But in the past 10 years, a growing number of scientists world wide have begun studying the lowly willow for its potential as a renewable source of clean, inexpensive energy.

Rouse Farnham, a University of Minnesota professor of soil science, calls his willows by names such as "Q803," "077," and "Q699" — a bit less colorful than "hoary" or "sandbar," — but a good deal more practical for his research. Since 1978, Farnham and his colleagues have been researching the fast growing and hardy willow as a suitable substitute for fossil fuels such as coal, oil, and natural gas. Based on their research thus far, Farnham believes that willow farms could — in the near future — provide more than 15 percent



Rouse Farnham.

BOB LEVINE

of Minnesota's energy needs either by direct burning, gasification, liquefaction, or fermentation. Such willow-based industry could provide jobs and keep more Minnesotans' dollars in Minnesota.

Farnham's project — the only research project in the United States on growing willows as a renewable energy source — grew out of his research into the composition of peatlands in Minnesota and across the country. Farnham, 64, is a tall, husky man who speaks with a good deal of conviction cloaked in an Alabama-born accent that has softened only slightly during the 31 years he has spent at the University of Minnesota. A soil-scientist by training, with a bachelor's degree in agriculture from Auburn and a doctorate in soil science from Ohio State University, he explained how he ended up as the chief investigator in a project that some people might

consider more in the field of a forester.

"One of my first jobs (after finishing school) was to characterize the peats of Minnesota," Farnham said. "That led to classifying them, so I started to work on a new classification system for organic soil, or peatlands."

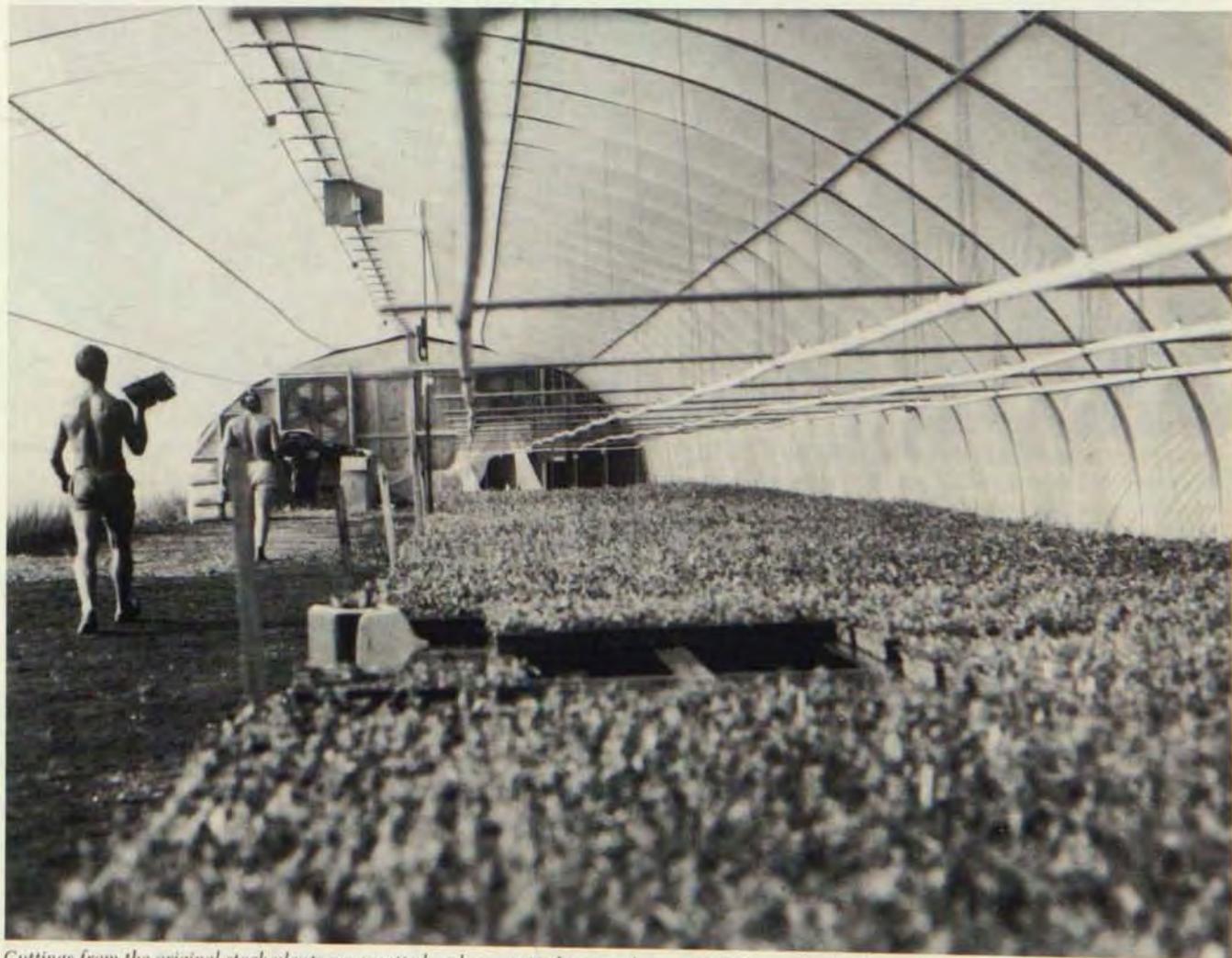
Farnham began digging out the characterization of these peats — they vary in physical, chemical, and mineralogical make-up — and developed a system of classification that the United States Department of Agriculture found workable. The USDA asked Farnham to head a committee to classify peatlands in the United States. Eventually, the classification system he started became accepted internationally.

"I'm proud of that," he said. "I did stay with it long enough. I have reams of data on peat, from all over the state, and from all over the world," he said indicating that he'd been working on the

project more than 20 years.

In 1976, when the Minnesota Department of Energy began investigating alternative sources of energy, they turned to Farnham for his expertise. Minnesota has some 7.5 million acres of peat, which can be used for energy, either through direct burning or gasification, but peat renews itself so slowly that it is not considered a renewable resource. However, peatlands are well-suited to growing willows — a completely renewable resource.

During a 1978 visit to Finland, Farnham discovered that Finnish scientists, as well as scientists in other Scandinavian countries and Ireland, were already investigating willows as an energy crop. Farnham was able to get a grant from the United States Department of Energy to begin a similar research project at the University of Minnesota.



Cuttings from the original stock plants were potted and grown in this greenhouse at Wilderness Valley Farms before being replanted on test plots.

Because of its large tracts of peatlands and other marginal wetlands and mineral uplands — areas that are not suitable for most other crops or trees suitable to the production of more conventional forest products — Minnesota is one of the few areas in the country where willow farming could have a significant impact. It is also possible to utilize the state's peat resources directly, and still use the peatlands to grow willows, since the willows could be grown on peatlands that have been mined, as long as enough soil (peat) is left for the willows to grow on. The state's peatlands range from areas that are one foot in depth to

The first step was to turn the 100 Swedish cuttings, and the cuttings of the native species, into several thousand cuttings so that test plantings could be done on a large enough scale to ensure the reliability of the data collected.

Paul Read and Stephen Garton of the Department of Horticultural Science and Landscape Architecture, designed a system for propagating rooted cuttings of the original cuttings. In nine months they increased the number of cuttings to more than 60,000. (This process, known as macro propagation, was suitable for developing enough cuttings for

state's Iron Range Resources and Rehabilitation Board.

Since the initial planting, the research team has been evaluating the varieties; measuring production; testing the effects of fertilizer (most Minnesota peatlands are deficient in nitrogen); and planting new test plots of other promising varieties.

The actual process of willow-farming is relatively simple. The peatland is prepared for planting by clearing any existing growth and digging drainage ditches to lower the water table. Farnham was quick to point out that some people's fears of flooding and pollution



The willows can be grown from hardwood cuttings about the length of a pencil and as thick as a finger, which are simply stuck into the soil.

more than 20 feet deep. Only one to three feet is needed to grow the willow.

The research thus far by Farnham and his colleagues, Bill Berguson, Tom Levar, and Dale Sherf, has been focused in a few basic areas, including the selection of the best suited willow varieties, management practices, and fertilization.

Willows are fast-growing by nature, but, since the size of the yield will be the final determinant of economic feasibility, it is important that any future willow farmers have the fastest growing varieties available.

Beginning with 10 hardwood cuttings of the 10 best varieties the Swedish scientists selected, plus several native Minnesota varieties of willow, Farnham and his colleagues began the search for a superior variety.

research plantings, but if and when willow farming goes commercial, greater numbers of plantings of the superior varieties will be needed. Read is continuing to refine a micropropagation technique in which as many as 10 million plants could be produced in one year from a single bud of a willow variety. Using tissue culture, tiny pieces of tissue from the bud will produce as many as 30 or 40 microshoots, each of which can be recultured to produce another round of microshoots, or rooted in a potting medium to produce a plantable tree.)

The test varieties were planted on a 30-acre peatland that is part of Wilderness Valley Farms near Zim, in St. Louis County, Minnesota. Wilderness Valley Farms is a 610-acre parcel of reclaimed peatlands managed by the

are unfounded. The peatlands are drained only enough to lower the water table so that the willow roots will not be submerged in water. The peat still retains its ability to slow run-off and act as a natural filter. Drainage ditches can be dead-ended in small ponds so that the run-off, which could possibly contain excess nitrogen or other fertilizers, is still filtered through the soil before it enters streams or lakes.

Once the soil is prepared, hardwood willow cuttings — pieces of a willow branch about the length of a pencil and as thick as a finger, with one or more buds — are simply stuck into the soil at regular intervals. In test plots, the success rate of cuttings sprouting has been close to 100 percent. The willows have been planted in rows that are a meter apart. Within the rows, the individual

plants are about half a meter apart. On an actual willow farm, the trees might be planted closer together, but for test purposes, it is easier to cultivate the willows at this planting density.

The first year, the willows in the test plots have grown as much as seven or eight feet. After a year the willow shoots are cut off near the ground. The following year, four or five new shoots will sprout from the little stump that was left in the ground. Because it has an established root system, each of the shoots of the plant will grow more rapidly the second year. The rate of growth increases for a four- to five-year period, at which time the crop will be harvested. New shoots will then grow from the stump that is left. The research group believes that this process can be repeated for somewhere between 30 and 50 years before new willows must be planted.

Since the willows will be harvested in the winter after the leaves have fallen, many of the nutrients are returned to the soil, which reduces the need for fertilizers. Test results thus far indicate that a single application of fertilizer may be sufficient for several years' growth.

Once harvested the wood can be used to produce energy in any number of ways. It can be burned directly for heat or to produce electricity. Some school districts in northern Minnesota already are using wood for heating. Several Minnesota power companies have expressed an interest in building small generating plants that could be fueled by willows, if the process can be proven profitable. An advantage of using wood for fuel is that it is extremely low in sulfur, the major component of acid rain.

The wood could also be made into charcoal, methane gas, methanol and benzene — which can be converted to diesel fuel — or ethanol which could be mixed with gasoline to produce gasohol.

Farnham's project is currently funded at about \$200,000 a year. About a quarter of that money has come from Minnesota utility companies. The United States Department of energy contributed \$75,000, the USDA \$68,000, and the Agriculture Experiment Station, \$25,000.

For Farnham, one of the most rewarding aspects of working on this project has been the cooperation amongst scientists around the world, in addition to all the people at the University.

"I have help from the U.S. Forest Service," Farnham said. "The forest

service in Canada has been very helpful, and the foresters in Europe. Believe me, you can't do this in a vacuum.

"The technology transfer in this business has been great. I get all the Swedish reports, all the Finnish reports, and they get mine. If they come up with a new species they think I can use they'll let me know.

"I've never seen such a community of colleagues that is so congenial. We all have the same objective — to produce alternative energy by growing crops."



The yield from a year's growth was reported by weighing the willow shoots. Before an actual harvest, the willows would be allowed to grow into shrubby trees, 15-20 feet high.

John Helmsberger, a doctoral candidate in agricultural economics at the University, has done a preliminary study on the economic feasibility of a willow farm. By establishing a model for an "agroforestry energy farm" Helmsberger determined that at current yield levels — approximately five tons of dry wood an acre each year — it is economically feasible to grow willows on peatlands today in parts of Minnesota, if the project were initiated by an established company that could take full advantage of the tax benefits.

Helmsberger's model was based on a farm of 3,750 acres and included everything from the cost of chipping the wood so that it could be burned directly in a power plant as an alternative to

coal, to the number of hours of labor required and the cost of transporting the wood.

By comparing the energy equivalence of a ton of coal to a ton of wood, Helmsberger determined that such a farm could supply energy at a cost of \$1.61 per million Btu's. The cost of chipping would add about 24 cents per million Btu's so that the total cost would be about \$1.85 per million Btu's, or roughly the same as coal.

In the process, jobs would be created in Minnesota, and the money spent for coal would be kept in the state, creating a multiplier effect that could give the state's economy a healthy boost.

Once Farnham's team has determined the superior varieties of willow and the most productive management practices, they can turn their attention to increasing the yield per acre. Farnham thinks it is reasonable to expect that the current yield — estimated at five tons an acre — can be doubled through hybridization. With a yield of ten tons an acre each year, willow wood would be considerably cheaper than coal. It also may be possible to eliminate or reduce the need to fertilize with nitrogen by crossing the willows with alders which have the ability to "fix" atmospheric nitrogen, or by infecting the roots of the willows with a mycorrhizal fungi, which would enable the willows to absorb more nitrogen out of the soil. These two procedures, however, are experimental.

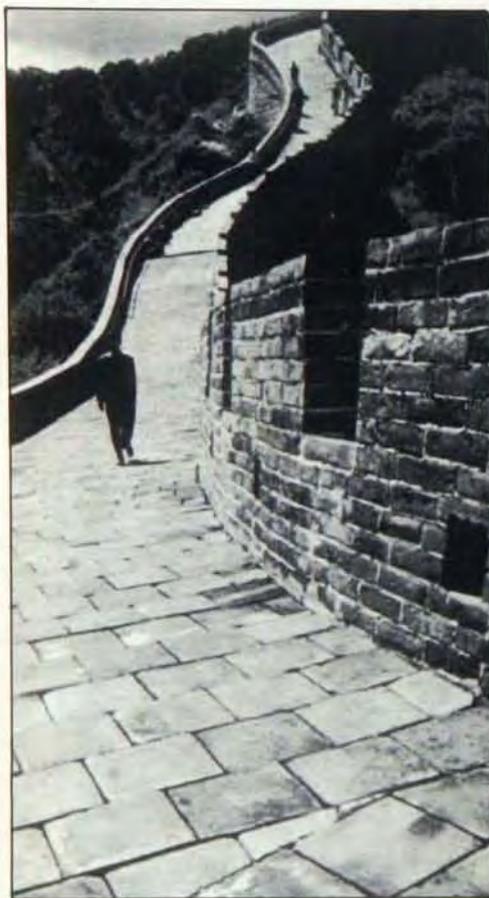
Before willow farming becomes a reality, Farnham and his colleagues must isolate the superior varieties and match them to both the climates and types of peatland in which they will do best. They also must solve the problem of weed control. In the first year or two, before the willows grow tall enough and thick enough to shade them out, weeds compete for water and nutrients. Because the profit margin is narrow, Farnham does not think that willow farmers could afford to use herbicides to control the weeds.

Planting and harvesting techniques and equipment must also be perfected. Nurseries would have to be established to supply the farmers with enough cuttings. But Farnham holds great hope for the willow.

"If anybody asked me when this is going to become commercialized, I couldn't answer them," Farnham said. "But it is exciting research. And it is, I think, going to pay off." **M**

Travel in Good Company

Travel with MAA—'U' People Make the Difference



June 26-July 9 — **LANDMARKS AND ART TREASURES OF WESTERN EUROPE**

A voyage from Portugal to England, with a visit to Bordeaux, center of the famous French wine country.

June 29-July 13 — **FJORD PASSAGE**

A two-week tour of the fjords of Norway. There will be a visit to Bergen and four nights in Copenhagen.

August 7-19 — **ROMANTIC PASSAGE**

Six days on the Neckar River through the heartland of Germany. There will be three nights in Baden-Baden and two in Basel, Switzerland.

September 4-24 — **1983 ORIENT ESCAPE**

This 21-day program includes Tokyo, Shanghai, Wuxi, Beijing, Xi'an, Hong Kong, and a cruise on the Grand Canal.

Please send me any available information about:

Landmarks and Art Treasures

Fjord Passage

Romantic Passage

1983 Orient Escapade

Please send an advance registration form with the requested information.



Name _____ Class year _____

Address _____

City _____ State _____ ZIP _____

MINNESOTA ALUMNI ASSOCIATION

'U' People Make The Difference: Membership Hits New Milestone

Membership in the Minnesota Alumni Association hit 28,000 this February, a level of alumni involvement 30 percent greater than three years ago, and more than 12 percent ahead of membership last year at this time.

This milestone in Association "fund-raising" for the University of Minnesota, in extremely difficult times, reflects alumni pride in the University and their concern for its future vitality.

This major increase in membership in the past three years follows major volunteer and staff efforts to expand and improve alumni programs that encourage alumni membership and to improve the membership benefit package. In that time, the number of collegiate alumni groups affiliated with the Alumni Association has grown from 16 to 24; the network of alumni chapters around the country has grown to 125; and the Association has developed a student program.

Volunteers engaged in service to the Association, to the University, and to the students, now number more than 1,000.



Lois Blum processes membership applications. Sweepstake entries are placed in the box by Laurie Sell.



Pat Morandi enters new information on the computer.

Sweepstakes "Sweeps" In New Members

New memberships in the Minnesota Alumni Association are pouring in as a result of the sweepstakes promotion.

In fact, on a recent Monday, there were 101 new memberships — an all-time high for a single day.

"We couldn't be more pleased with the results so far," Mary Hicks, director of membership, said.

More than 96,000 alumni in Minnesota received copies of the promotion. They will be eligible to win one of 42 prizes worth more than \$8,000.

The big prize? An all-expense paid

Caribbean Cruise for two.

In addition, members were notified of the sweepstakes in the April issue of *Minnesota*.

At the annual meeting June 6 the winners will be announced. A random drawing will take place on May 16.

Membership Benefit Tip of the Month

As a member of the Minnesota Alumni Association, you receive a special discount each time you use the 18- or 9-hole University Golf Course at Larpenteur Avenue West and Fulham, St. Paul.

You also are eligible to become a season member of the course for \$285. A season membership is a real savings for the avid golfer.

Here is the current fees discount:

18-hole	\$ 8.50
9-hole	\$ 4
Cart rental	\$ 1.25
(18 holes; \$1 9-holes)	
Club rental	\$ 3
(plus \$5 deposit); (\$1.35 9-hole plus deposit)	
Locker rental	\$21
season	

Weekday reservations may be made five days in advance by calling (612) 373-1645. 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 made for foursome play and can be made starting on the preceding Monday. You must have your MAA membership I.D. number available when making your reservation.

Cancellation of a reservation must be made 24 hours before tee-off, by calling the clubhouse. Failure to notify the clubhouse on two occasions will result in a forfeiture of a person's reservation privileges.

If, due to inclement weather, the course is closed, any reservations for that period will be considered cancelled. Course employees will do their best to accommodate anyone whose reservation was cancelled in this way, should the course be reopened.

Rain checks will be issued upon request to any golfer who has yet to begin play when the rain begins. Anyone who

has teed off is ineligible for the rain check. No cash refunds will be given.

Have a Doughnut: 'We Care'

In early March members of the Minnesota Alumni Association Student Board at 10 campus locations met commuter students and handed them coffee or hot chocolate, and more than 10,000 doughnuts.

"The purpose of 'Commuter Day' is to do something nice for the thousands of students who ride the buses," Linda Hartley, director of the student program, said. "We want to show them that we care."

The student board met students between 6 and 10 a.m. at bus locations on the East Bank, West Bank, and St. Paul campus.

A similar event was held last year and because of its success was repeated.

MAA Annual Meeting June 6 in Minneapolis

"Escape to the Caribbean" with the Minnesota Alumni Association during its 79th annual meeting Monday, June 6, at the Minneapolis Hilton Inn, 1330 Industrial Boulevard.

The Hon. Diana E. Murphy, '74, will receive the Regents' "Outstanding Achievement Award." She is a past president of the MAA.

All former "Alumni Service Award" and "Outstanding Achievement Award" winners will be honored along with a new award, "Volunteer of the Year."

In addition, 27 persons who have been selected as "U Person of the Week," a weekly *Minnesota Daily* feature ad, will be recognized.

One of the highlights of the evening will be the announcement of the 1983 "Membership Sweepstakes" Caribbean Cruise for two.

The social hour will begin at 6 p.m. and will feature the Cliff Alexis Steel Band, known for their Reggae, Bossanova, and Calypso music.

The "Surf and Turf" dinner and program will begin at 7 p.m. Cost of the evening is \$25 each. Reservations by June 1.

All MAA members are invited to attend the event.

What's Happening

Here are some upcoming constituent society events:

Education Alumni Society, Friday, May 20, Campus Club, 6 p.m. social hour; 7 p.m. dinner; presentation of the "Gordon M. A. Mork Award" to Dr. Diane Monson; Alumni student scholar awards; recognition of the retiring faculty members; special recognition to 40-, 50-year, and emeriti alumni.

Nursing Alumni Society, Wednesday, May 18, St. Paul Student Center, Northstar Ballroom, 5:30 p.m.; speaker: Minna Schultz Kief, '24, "Quality — Our Heritage"; presentation of "Excellence in Undergraduate Education Award," "Public Service Award."

Medical Alumni Society, Saturday, June 4, 2-690 Health Sciences Unit A, "New Horizons in Minnesota Medicine," CME scientific program and annual luncheon; Medical School Graduation, Friday, June 3, Northrop Auditorium; all-alumni reception 6 to 8 p.m. June 3, Minnesota Alumni Club.

Medical classes will be holding reunions in conjunction with "New Horizons in Medicine:"

1943, June 3, Marquette Hotel, Dr. Robert Semsch, chairman;

1948, June 3, Minnesota Alumni Club, Dr. Arnold Rholl, chairman;

1958, June 4, Minneapolis Club, Dr. Loren Leslie and Dr. Gerald Mullen Jr., co-chairmen;

1963, June 4, Nicollet Island Inn, Dr. David Swanson, Dr. Terrence Capistrant, and Dr. Allen Bergh, co-chairmen;

1968, June 4, Northstar Hotel, Dr. Gary Falk, chairman;

1973, July 30, place to be announced, Dr. Floyd O. Anderson, chairman.

Medical Technology Annual meeting, Thursday, May 19, Campus Club; 6 p.m. social hour; 7 p.m. dinner; special recognition of 25- and 50-year alumni.

General College 50th anniversary reunion banquet, Saturday, May 7; 6 p.m. Great Hall, Coffman Memorial Union; dinner and dancing, Jules Herman Orchestra.

Journalism Alumni Society, Wednesday, May 25, The Saint Paul hotel, 6 p.m. social hour; 7 p.m. dinner; 8 p.m. program featuring Archbishop John Roach; "Freedom of Information Award"; "Page One Awards"; "Award for Excellence"; scholarship winners.

COLLEGES AND SCHOOLS by Bev Bachel

BAND ALUMNI SOCIETY

Concert Extravaganza June 5 at Northrop

The University Band Alumni Society will present a concert extravaganza on June 5 at 2 p.m. with a free concert on the mall in front of Northrop Auditorium. In addition to music by the jazz ensembles, the marching band, and the three concert bands, alumni are forming their own band. Evening festivities include a dance in Coffman Memorial Union.

The Band Alumni Society is requesting donations to help establish the Friends of the University Band Endowment, which Mike Gaffron, president of the Society, hopes will "provide supplemental funding to the University's band program. The money will be used for recruiting students, purchasing special instruments, and funding graduate assistantships."

Throughout the day, old photographs, band uniforms, and other memorabilia will be on display in Northrop.

All alumni and their families are invited. For more information or to participate in the alumni band, contact Mary Hicks at (612) 373-2466.



PUBLIC HEALTH

Grants Support Minority Researchers

Biochemical Research Support Grants, funded by the Public Health Service National Institutes of Health, have enabled more than 30 faculty members in the School of Public Health to initiate new research projects. The school's research committee administers the distribution of funds through a school-wide proposal competition, with priority given to new research by young minority-group investigators.

Although individual project awards are usually small — rarely exceeding \$5,000 — the funds often provide "seed money" to generate proposals for future external research funding.

The work of Jeffrey Stevens, assistant professor in the Division of Environmental Health, is an example of how this works. Steven's proposal, titled "Cadmium Poisoning in Pulmonary Macrophages," was funded with a Biomedical Research Support Grant two years ago. Preliminary data obtained at that time allowed him to successfully compete for a research award from the National Institute of Environmental Health Sciences.

Steven's project specifically deals with the biochemical causes of cadmium toxicity in lung cells — commonly called metal fume fever. Metal fume fever is one of the most prevalent diseases in the smelting industry, however, little is known about it. Steven's project investigates the role of cadmium in the oxidative cell damage observed in the lung after human exposure to this metal oxide.

Biomedical Research Support Grants have resulted in increased opportunities for students and faculty members to

publish scientific papers, and for students to gain additional research exposure. By assisting new investigators and supporting new ideas of established investigators, the program benefits the School of Public Health and the University.

PHARMACY

New Anti-Herpes Drug Being Tested

Until recently, it has been almost a consensus that viral diseases were not subject to treatment with chemotherapy. This position is collapsing as new agents are developed that are effective against viral infections. One of these, cyclaradine, developed by Professor Robert Vince, a medicinal chem-

ist in the College of Pharmacy, is targeted against herpes.

Fifteen to 20 million Americans have genital herpes. Each year another 500,000 catch the disease. Initial infections disappear in approximately two weeks, only to return months or years later. There is no cure.

Vince thinks cycloaradine will be more effective than two current anti-herpes drugs — acyclovir which has been on the market for about one year, and a non-genital herpes drug, Ara-A.

Cycloaradine has been tested in laboratory dishes, test tubes, mice, and guinea pigs. The herpes virus is extremely fatal in guinea pigs and yet cycloaradine was effective against all human herpes virus infections in the tested guinea pigs, including some that acyclovir was unable to combat. "The infections occurred in nearly all the untreated animals," Vince said. "In the treated guinea pigs no lesions developed."

One reason is that cycloaradine, unlike acyclovir and Ara-A, resists adenosine deaminase, a destructive enzyme found in cells throughout the body. The drug mimics the nucleosides, or building blocks, of DNA. "The herpes virus is fooled and incorporates the drug into its own DNA," explained Vince. "This inhibits the virus from reproducing."

More studies must be completed before human trials can begin, but, Vince said, "the drug looks very promising."

INDUSTRIAL RELATIONS

Curricular Changes Expand MA Program

Industrial Relations is expanding its curriculum to broaden the scope of its master's program.

In March, the Social Science Review Committee and the Executive Committee of the Graduate School approved a revised master of arts program in Industrial Relations. The revised two-year program, effective this fall, involves 20 additional credits. "It's the first major overhaul of the program in ten years," says Mario Bognanno, professor of Industrial Relations and director of the Industrial Relations Center. "The changes will allow us to produce master recipients who have a full breadth of knowledge in such areas as computer access, human resource analytics, and princi-

ples of employee interviews, and a strength of concentration in such areas as labor relations, employee compensation and fringe benefits, or training programs. We've always had a strong program and these changes place us head and shoulders above the others."

Industrial Relations will also begin a three-year evening master's program in the fall. Details are currently being worked out. In addition, the Industrial Relations graduate faculty members are working with the School of Management curricular committee to introduce a Master's of Business Administration concentration in Industrial Relations.



IT

Council Recommendations Benefit IT

Technology-intensive companies in Minnesota will need as many as 10,000 new engineers and scientists in the next three to four years if existing state firms are to meet their projected growth rates. This is one of the key findings from "Jobs in Technology: Minnesota's Critical Human Resource Needs for the Coming Decade," a statewide survey designed to quantify the near- and long-term needs of those Minnesota industries relying most heavily on the availability of engineers, scientists, and other technical personnel.

A major concern raised by the study is that the University's Institute of Technology, the only Minnesota institution to award baccalaureate and graduate degrees in the engineering sciences, only awards 700 such degrees each year. The project assumed increased importance as state funding constraints continued to affect the University and

its ability to supply technical talent to meet industry needs.

The study was initiated by the Institute of Technology Advisory Council, which in late 1982 broadened its relationship with the Institute of Technology and incorporated as the Minnesota High Technology Council.

Because education is so fundamental to the technological process, the Minnesota High Technology Council has submitted to Governor Perpich a series of recommendations designed to strengthen Minnesota's education system. According to the Council, the focus of any investment by the state must, for the immediate future, be upon the Institute of Technology since it is the only established and nationally recognized engineering school in Minnesota.

The Council requested funds to retain and attract outstanding faculty and to support two major research efforts: the Mineral Resources Research Center and the Microelectronics and Information Sciences Center. The Council also proposed funding for the Productivity Center, designed to improve productivity through computerization of the design and manufacturing functions, and the Biotechnology Center, a multidisciplinary program drawing on the resources of the Institute of Technology, biological sciences, health sciences, and agriculture. The Council feels the Biotechnology Center represents an opportunity to collectivize University and state strengths at the beginning of an important new industry in which Minnesota can establish itself in a position of international leadership.

To ensure better prepared entering students to all post-secondary technical colleges, the Council also recommended funding two secondary school activities. These are the University's Talented Youth Mathematics Program which provides gifted high school students the opportunity to spend two hours each week during the academic year under the tutelage of college level instructors, and summer school training for high school science and math teachers who desire to update their teaching skills.

The initial study revealed that the availability of engineers, scientists, and technicians was the most important factor affecting business growth in Minnesota. The Minnesota High Technology Advisory Council hopes promoting awareness of the contributions and needs of technology-intensive companies will lead to a healthy Minnesota economy.

CLA

New York Radio To Feature University Music

The School of Music will be featured on WQRX radio in New York City on Thursday, June 16 beginning at 9:06 p.m. eastern time.

The broadcast will feature 40 minutes of music including "Sonic Brass," which was previously recorded by the University's Brass Choir, and music recorded by several woodwind ensembles. Background information on the University and its music program will be interspersed.

WQRX regularly features various college music schools and departments, and Professor Lloyd Ultan describes it as the principal "good music" station of that part of the country.

HOME ECONOMICS

Monograph Proceeds Benefit International Relief Agency

Vernal Packard, professor and extension specialist in the Department of Food Science and Nutrition, recently wrote a monograph titled "Human Milk and Infant Formula." All royalties from the Packard monograph are pledged to an international infant/child relief agency. Packard classifies the volume as a "semi-technical, interpretive summary of the scientific literature with reference to needs of both developed and lesser developed nations."

The monograph considers composition of human milk, cow's milk, milk of certain other mammals and infant formulas; the immune factors of human milk and a special technique by which "human-type" antibodies can be produced in cow's milk, ultimately to be processed into infant formula; mammary infections, particularly recent findings that infants can suffer a form of food poisoning by ingesting milk of mothers afflicted with breast infections; and drugs and environmental contaminants or potential contaminants of breast-milk

and infant formulas.

The topic of immune factors is of special interest to Packard because the theory itself and the groundwork for inducing cows to produce antibodies to human disease were developed at the University in the 50's by the late Professor William Petersen, former faculty member of the Department of Dairy Husbandry, a department that has since been incorporated into the Department of Food Science and Nutrition.

"I was a graduate student at the time," Packard says, "and I remember very well the controversy that evolved out of the work that was going on here. In many respects, it was just another instance of a man (Petersen) being ahead of his time. As it turns out, Petersen has now been proved absolutely correct in certain essential facets."

Packard also suggests that the areas of contaminants and drugs should be given greater consideration, especially in view of the trend back to breast-feeding. He cites a recent study done in India, which shows a potential for breast-feeding infants to ingest, through their mothers' milk, 44-45 times the acceptable daily intake of DDT.

With drugs ranging from nicotine to valium, a breast-feeding infant's intake depends upon the drug needs or habits of the mother and her awareness of the facts. "It doesn't make any difference how the drugs are taken or administered, most of them will wind up in some amount in the mother's milk supply," Packard says.

The monograph also considers various milk pasteurization methods and their impacts on immune components of the milk.

JOURNALISM

Cowles Chair to be Filled

An ambitious goal established nearly eight years ago by publishing leader John Cowles Sr., who died earlier this year, is about to be realized. The School of Journalism and Mass Communication has begun an extensive search for the first holder of the Cowles Chair in Journalism, a faculty position that will serve as the focal point for a new curriculum in mass media management and economics.

The Cowles Chair is a major compo-

nent in a three-way allocation of the earnings on a \$2 million endowment presented to the School in 1976 by Cowles and his late wife, Elizabeth Bates Cowles. The other two portions of the endowment support a mid-career fellowship program for journalists interested in media management and the Minnesota Journalism Center. The Center sponsors workshops and seminars for working journalists as well as several lecture series in the School, including the Media Management Lecture Series.

School of Journalism and Mass Communication Director F. Gerald Kline describes the lecture series as a "self-education process." The seminars deal with several aspects of media management, including human resources, production and new technologies, sales and marketing, the editorial process, and regulation. The emphasis on mass media management and economics developed out of a "realization that there is a closer relationship between editorial and marketing decisions in modern newspaper management than there was in the past," Kline said.

When the gift was announced in 1976, Cowles said he hoped it would "strengthen the University's role in journalism and journalism education," and would aid the University "in elevating the standards of journalism in Minnesota and the nation."

Cowles, retired chairman of the Minneapolis Star and Tribune Company, was well-known in the newspaper industry for having bought the struggling Minneapolis Star in 1935 and turning it into the largest of the three Minneapolis papers within five years.

The Cowles gift is one of the largest single gifts to be presented to the University in its history. "There is no doubt," Kline said, "that this is an opportunity that will allow the School to take another leadership role in journalism education."

VET MED

And This Little Piggy . . .

The pork industry is big business in Minnesota, and it's likely to stay that way according to Al Leman, director of the University Swine Center.

Chartered in December 1981, the Center was started to "enhance both

the quality and quantity of research, teaching, extension, and service to the swine industries in Minnesota and the Midwest."

"The Center is a loose association of people," Leman explains. "About 60 faculty members are involved. They represent all areas on campus that work with swine: animal science, veterinary medicine, agricultural engineering, agricultural economics, and food science and nutrition."

The Center brings together University people with a professional interest in swine. This involves sharing ideas, expertise, laboratory space, equipment, personnel, pigs, and other resources. Weekly seminars on various swine-related topics increase communication between different areas of specialization.

Another Center goal is to generate funds to support research. "The Center serves as an identifiable structure for receiving contributions to swine research," Leman says. "It also improves our effectiveness in competing for grants by coordinating interdisciplinary grant applications and fund raising efforts."

Leman's goal is to generate \$1 million in private funds which will be used to build new swine production and research facilities. The Center has already received \$90,000 in private pledges, \$21,000 from the National Pork Producer's Council, and \$12,000 from the Minnesota Pork Producer's Association.

Leman is not aware of any other university with such strong cooperation between all areas of swine research and education. "With strong administrative support and active member involvement," says Leman, "the University Swine Center has become a model of on-campus cooperation."

AGRICULTURE

Molecular Biology Fellowship Awarded

Professor Burle Gengenbach, Agronomy and Plant Genetics, and Professor Jo Messing, Biochemistry, are collaborating with Michael Zarowitz on a post-doctoral fellowship. Zarowitz who had previously studied at the University of Missouri at Columbia received the fellowship to support advanced research in plant molecular



biology applications for agriculture.

"There are several of us at the University who work in this area," Gengenbach said, "and we're tied together by an underlying project — examining amino acid production and how it affects the nutritional quality of plants, especially corn." This research is critical to future generations of food producers and consumers.

Professor Ronald Phillips, Agronomy and Plant Genetics, is chairman of an inter-departmental committee on molecular biology which will help administer the fellowship.

The award, presented by Dekalb-Pfizer Genetics, took effect in April. It lasts for one to three years and extensions are optional.

INDUSTRIAL RELATIONS

Alumni Society Elects Board Members

The Industrial Relations Alumni Society recently elected board members. Newly-elected local members are Richard D. Conner, vice president of Executive Development, Control Data; Daniel K. Lesh, manager of Corporate Compensation, Honeywell; and Mary F. Logeland, director of Employee Relations, Ed Phillips and Sons.

In addition, the Society for the first time elected two national members. They are Russell H. Cunningham, manager of Personnel and Industrial Relations, Pacific Gas and Electric, San Francisco, California; and George T. Milkovich, professor of Industrial Relations, Cornell University, Ithaca, New York.

"The election of two national members reflects the fact that 60 to 70 per-

cent of our graduates accept employment outside Minnesota," said Mario Bognanno, professor of Industrial Relations and director of the Industrial Relations Center. "We wanted to establish extra-Minnesota representation as the first step in pursuit of keeping our graduates closely attached to the University. With telecommunications, there's no reason why we can't develop closer ties with our alumni outside Minnesota."

Outgoing board members include Roger C. Wheeler, vice president of human relations development and public affairs, Control Data; and Thomas M. Hestwood, manager of compensation planning, Northwest Bancorporation.

EDUCATION

Delivering Services to Rural Handicapped Youth

Federal legislation requires that all handicapped children receive a free and appropriate education that permits, as much as possible, experience with non-handicapped students in the least restrictive setting.

Attempts to deliver quality education services to handicapped children and youth have met with some success in urban areas; in sparsely populated areas, however, the conventional urban methods have been less effective. Richard Weatherman, professor in the Department of Education and director of the Upper Midwest Regional Resource Center, the national center for procedural safeguards for handicapped students and their parents in rural areas, recently received a grant to design state-wide delivery systems for severely handicapped children and youth ensuring that they receive educational opportunities which are appropriate to their needs, regardless of the type or severity of their handicapping condition.

The prevailing model in the United States for delivery of special education services to the handicapped, Weatherman said, is an urban "specialist-centered" model which matches the specialist to the child's particular handicapping condition. "This model may be appropriate when sufficient numbers of handicapped children reside within a district to permit grouping by age.

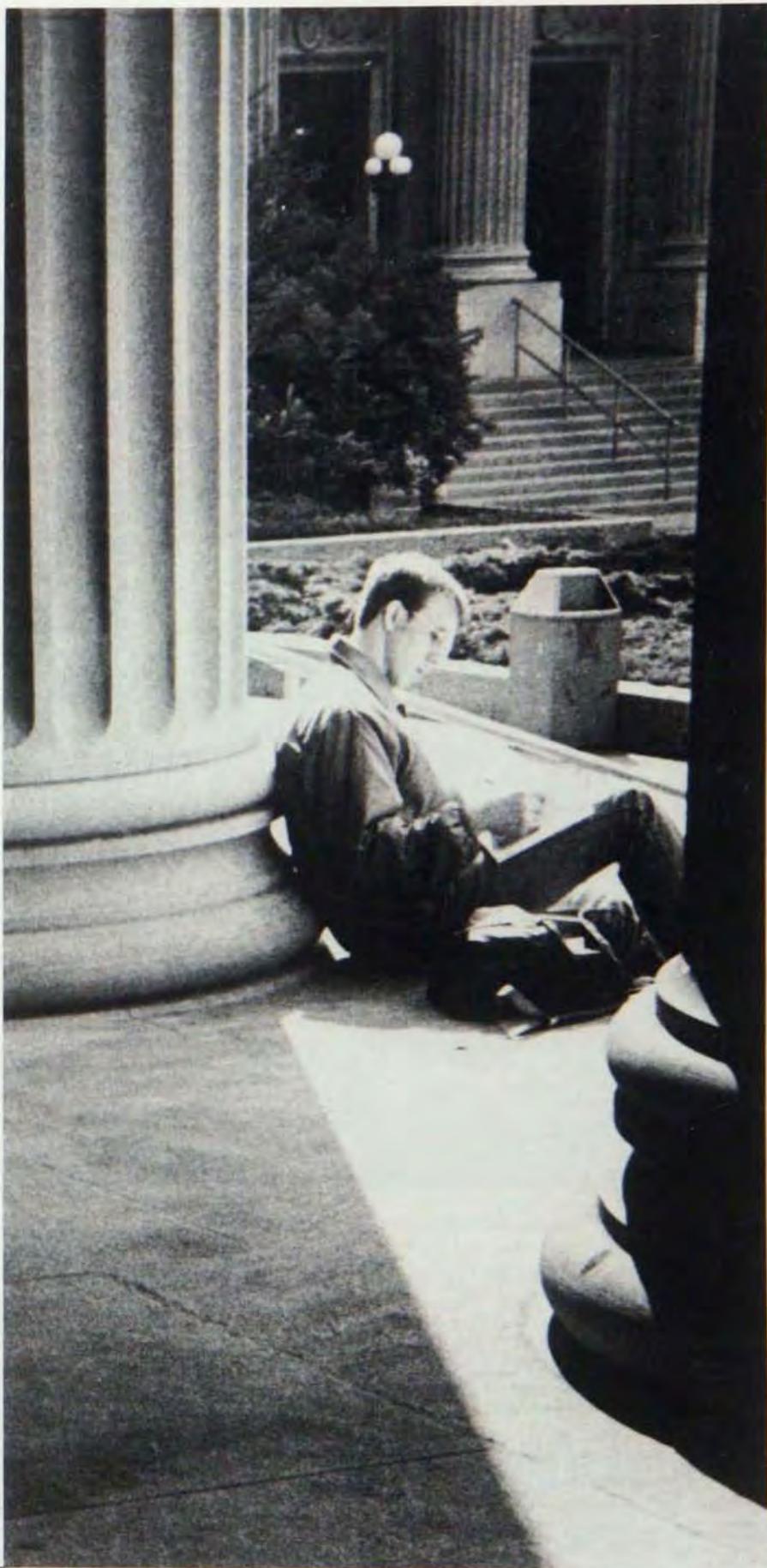
handicapping condition, learning modality, or some other variable," Weatherman noted.

In rural areas, however, total populations range from 10 to 60 persons per square mile, with large distances, sometimes exceeding 100 miles, between local school districts. In such areas there are few handicapped children in any one school district, and rarely are their disabilities similar. "In addition, it is quite possible that one child would need a number of different types of services, requiring the help of many specialists," Weatherman explained. "Even if there were sufficient numbers of handicapped children to justify hiring a specialist, specialists are difficult to attract and retain in rural areas."

Therefore, the accepted rural practice has been to send such students to larger centers which have highly specialized professional staffs. "This means traveling long distances between home and school and additional costs," Weatherman noted. Other alternatives have been to place the child in group or foster homes or in residential facilities, a practice which "gives priority to education needs over family and community cohesiveness," Weatherman says. "It is also contrary to the principle of educating the child in the least restrictive environment."

Part of Weatherman's proposal involves developing management systems for identifying, assessing, and tracking handicapped students. "The first step," Weatherman said, "is to define the needs of the population, including an assessment of the capabilities of current administrative structures and programs to deliver a comprehensive system of services; the extent of support at the local regional, and state levels; and the gaps and duplications in the present state system."

Program objectives include ensuring that severely handicapped children have access to appropriately knowledgeable service personnel as needed, while at the same time remaining in their home communities as much as possible. This involves computer literacy workshops and other technology training for school personnel. "The use of technology is important in all phases of the delivery process," says Weatherman. "This could include the use of telecommunication systems, video, interactive television, and microcomputers for assisting in identification of resources, assessment, planning and implementation, evaluation of student programs, training, data collection, monitoring, and evaluation and feedback."



SPORTS



Robin Huebner Top Gymnast

Her coach proclaims it, her teammates are happy to be a part of it, the fans appreciate it, and typically, she would deny it. She is Robin Huebner, and she is the best woman gymnast to ever attend the University of Minnesota.

Her remarkable career at the University includes two all-around conference championships, three conference floor exercise championships, and All-American status in three events last season (all-around, floor exercise, and uneven parallel bars). She led the Gophers to a seventh place finish at AIAW Nationals as a junior in 1982 and a fifteenth place finish as a freshman in 1980, and took the Gophers to their best Big Ten Championships finish ever this spring as Minnesota captured second.

Huebner's accomplishments extend far back to her days as a youngster. She was the North Dakota State all-around champion for three consecutive years, beginning in 1974. She was the top all-

arounder at the Championships of the USA meet in 1976, and was third all-around at the 1977 Champions-All Invitational in London, a meet of the top all-arounders in the world. Her prowess in the gym took her to places such as West Germany, Russia and South Africa in 1976, and she narrowly missed a berth on the 1976 Olympics teams.

She has virtually rewritten the Minnesota record books in her four years at the University. She holds school records in the all-around, vault, uneven parallel bars, and floor exercise. And, she was recognized as the Big Ten's top gymnast for a nearly unprecedented two consecutive months in January and February of last season. The list of her achievements could fill a lengthy novel.

But now, sadly, the woman that has meant the most to Minnesota gymnastics has reached the end of her career, and she cannot be blamed for being a bit melancholy.

"My last year made me appreciate ev-

ery moment that much more," Huebner said. "I wish now I would have woken up a little sooner and really enjoyed all the things that went on. I don't think I can ever leave the sport. I know I will still workout, but it will be less intense. And I'll be glad when my joints don't have to ache in the morning. But I'll still miss it."

All eyes had become accustomed to following Robin Huebner as she performed, and the oohs and ahhs for her special routines will be missing from Williams Arena for the first time in four years.

"It was really neat right after the Big Ten meet (this year)," Huebner said. "Some guy I'd never met before just came up to me after the meet and told me how much fun it was to watch me. He said 'we're really going to miss you next year'. And it's really funny, because I can't really picture myself not being there when the season starts." Unfortunately, none of the rest of us can, either.

Football Scrimmage Gets Under Way

With the first scrimmage of the 1983 spring football practice session at the University of Minnesota completed, fifth-year Coach Joe Salem still finds himself concentrating on a couple of priorities.

While Salem admits that finding a quarterback to replace the departed Mike Hohensee is important, he maintains that his biggest job this spring is to rebuild both the offensive and defensive lines.

"We lost a lot of starters off both of those units," Salem points out, "and we think our biggest job the first 10 days of spring practice is to find the best people we have at each position and get them onto our first teams."

That process has prompted Salem to make some position changes from a year ago when the Golden Gophers were 3-8 . . . but it also has necessitated his looking at a lot of new people.

On the offensive side of things, Salem's first big move was to switch Captain Randy Rasmussen, a senior who has been a starter at guard for the past two seasons, to offensive center.

The position is not a new one to Rasmussen, a 6-2, 260-pounder who has worked extremely hard in the weight room during the off season, since he played the center spot during his first year at Minnesota.

But the remaining four spots on the offensive line have an even greater new look. One tackle position may be manned by Brian Quinn, a 6-6, 260-pound junior college transfer while the other tackle post could go to Jim Hobbins, a 6-6, 249-pound sophomore who won a letter last season in a reserve role.

At guard, Jon Lilleberg, a 6-5, 241-pound sophomore who was redshirted a year ago and who won a letter as a tackle in 1981, will get a look while the other guard spot could go to another redshirt . . . junior Bob Anderson (6-2, 241) . . . although Randy Pelphrey, a 6-3, 254-pound redshirt freshman, and Gary Schiano, a 6-4, 265-pound junior college transfer, also are in the picture.

Defensively Minnesota will have four newcomers across the front line. "Our immediate goals," Salem explained, "are to find the three best tackles and the three best ends and go with them. We hope to do that as quickly as possible this spring."

Top candidates at tackle are Craig Paulson, a 6-4, 250-pound junior letterman, and Ivan Zubar, a 6-2, 215-pound sophomore who lettered last fall at line-backer. Leading the way at defensive end are Terrance Roberson, a 6-5, 254-pound sophomore, and Craig Graffunder, a 6-4, 234-pound junior who lettered in a reserve role last fall.

32-Game Winning Season Second Best for Hockey

The 1982-83 Minnesota hockey Gophers, the second winningest club in the school's hockey history, completed its season on the downside bowing out of the NCAA championship tournament at Grand Forks, ND.

After winning 32 games this season, second only to the 33 victories posted by the 1980-81 club, Minnesota dropped both its games at the national, 5-3 to NCAA runner-up Harvard, and the third place game to Providence, 4-3.

But not all was lost. Far from it. During the course of the season, Minnesota's charges overcame more obstacles than faced by most players during their four-year tour of collegiate duty. Injuries and illness took a heavy toll.

But still the Gophers managed to win the Western Collegiate Hockey Association (WCHA) regular season title for the second time in three seasons. Minnesota then finished runner-up to Wisconsin in the WCHA playoffs, and qualified for the national tourney by whipping New Hampshire twice.

The final season record reads 32 wins against 12 losses (5th least ever) and one tie.



Promoters and hosts of the Republic Minnesota Tennis Showcase are from left Paul Giel, director of Men's Intercollegiate Athletics; Dan May, president of Republic Airlines; Dale Rasmussen, president of the M Club; and Jerry Noyce, tennis coach.

Republic Airlines Boosts Tennis

Earlier this season the University of Minnesota and Republic Airlines got together to try something unique in college athletics . . . they brought warm-weather teams to Minnesota in the midst of winter to play tennis.

Jerry Noyce, tennis coach at the Uni-

versity of Minnesota, said his Golden Gophers hosted Harvard, Texas and Arizona in a meet which was tabbed as one of the top collegiate tennis tournaments in the nation.

"All four teams will be ranked in the Top Twenty," Noyce predicted, "and already some of the team's individuals, like Jonny Levine of Texas, Howard Sands of Harvard and Paul Chamberlin of Arizona are considered to be among the nation's most highly regarded players."

CLASS NOTES

by Sandy Stai

'25 Margaret Ueland of Minneapolis is working on the nuclear weapons freeze and disarmament campaign.

Paul Oberg of San Diego is retired. He plays the organ in three different churches each week.

'27 Clytis Cummins of Monrovia, Calif., retired after 41 years of teaching in Arizona and California.

Anna Imsdahl of Detroit had her 90th birthday recently and is in good health.

'29 Dorothy Sheppard of St. Paul has established the Dorothy Sheppard Endowment Fund to award women's swimming scholarships to encourage young women and also provide them with financial support.

'30 Dr. Verne W. Carlson of Orange, Calif., retired after 51 years of family medical practice, 40 of which have been in Orange.

'31 Meyer "Mickey" Gordon of Minneapolis owned the Minnehaha Liquor Store for 20 years. He is now retired.

'32 Norman Mistachkin of Bakersfield, Calif., is in charge of the communicable diseases section at Kern County Health Department.

Curtis Oberg of White Bear Lake, Minn., retired from the Internal Revenue Service in 1972. He is treasurer of the White Bear chapter of Rotary International.

'33 Theodore Aaker of Gaylord, Minn., is a retired dentist.

Maynard Alfstad of Portland, Ore., retired from the Wyandotte Public Schools in Wyandotte, Mich.

Estelle Berkhimer of Walnut Creek, Calif., is a bookkeeper for

Pacific Electrical Instrument Co. in San Francisco.

Abe Bohn of Clawson, Mich., retired as a supervisory auditor with the Defense Contract Audit Agency, Detroit, Mich.

John Bolding and Laura (Burrows) Bolding, '33, live in Breckenridge, Minn. He is the owner of Bolding Agency Insurance.

Robert Bruntlett of Anacortes, Wash., is retired from the U.S. Atomic Energy Commission.

Paul Erickson of Kettering, Ohio, retired as the military sales manager of Cutler Hammer division of Eaton Corp.

Douglas Ganfield and Nola (Cheely) Ganfield, '33, live in Naples, Fla. He is a retired dentist.

Paul Hamerston of Stuart, Fla. retired as a lawyer with Bruess Hamerston Bye and Boyd in Duluth, Minn.

Arne Holter of Champaign, Ill., retired as a training advisor with the Air Training Command, Chanute Air Force Base, Ill.

Lorraine (Costello) Horan of Alexandria, Va., is a housewife.

Harold Hultgren of Monticello, Minn., retired from the Monticello Independent School District.

Ernest Knuti of Tucson, Ariz., retired in 1974 as the Consul of Finland.

Dr. Luther Leraan of Sioux Falls, S.D., retired as chief medical officer for the U.S. Military Enlistment Processing Station in Sioux Falls and from private practice.

Marion (Maurer) Lynch of Arlington, Minn., is a housewife and director of the Arlington State Bank.

Dr. E. T. Maitland of Willmar, Minn., is semi-retired from the Willmar State Hospital.

Theodore Niehaus of Grass Valley, Calif., retired from the U.S. Forest Service and is a part-time forestry consultant.

Gayle Priester of Baltimore, Md., is a consulting engineer. He retired as chief civil engineer with Baltimore Gas and Electric Co.

Lina Reid of Orlando, Fla., is a retired nurse.

Harry Rougier of Burnsville, N.C., is a retired associate professor of English from the University of Dayton, Dayton, Ohio.

Roland Schaar of Madison, Wis., retired from the U.S. Department of the Interior Fish and Wildlife Service. He was a chief appraiser.

Harriett Seitz of Red Wing, Minn., retired as director of the Winona Public Library.

Irene Surola of Alhambra, Calif., retired as Los Angeles area director of the Camp Fire Girls.

Virginia (Childs) Tollefson and Donald Tollefson, '31, live in Mabel, Minn. She is a housewife and retired volunteer worker.

'34 Dr. Robert Thielen of New Brighton, Minn., was honored for his 30 years of service to the community of St. Michael, Minn. in medicine and banking. A street "Thielen Drive" was named in his honor. It serves a new clinic and a new bank.

'36 Richard Krueger of St. Paul retired in December after 40 years as a teacher and secondary school principal in the St. Paul public school system.

Dr. Harold Scheie of Philadelphia is the founder of the Scheie Eye Institute and professor emeritus of ophthalmology. A research professorship in his honor has been established at the University of Pennsylvania.

'37 Gerhard Haglund of Oconomowoc, Wis., is group executive and vice president of Figgie International, Inc. He continues to travel around the world regularly.

'38 Elsa Armagost of Bloomington, Minn., is an independent consultant in high-tech business. She also writes poetry and will have a piece included in the American Poetry Anthology to

be published this year.

James Campbell of Garfield, Ark., was elected chairman of the board of the Volunteer Ambulance Service of Northeast Burton County.

Stuart Cook of Boulder, Colo., was named a distinguished professor. He has retired from the Colorado University Psychology Department. Annabelle Cook, '41, has retired from the Boulder County Department of Social Services.

H. Vincent Hagstrum of St. Paul retired as senior vice president of Midwest Federal in April.

Reuben Siverson of Bethesda, Md., received a special commendation from the President's Committee on Employment of the Handicapped for 30 years on its executive committee and as a charter member of the President's Committee.

Dr. Ken Steffensen of Billings, Mont., is a fellow in the American College of Dentists. Dr. Steffensen helped set up clinics in the remote parts of Honduras where there are no dental services available. He has traveled to Central America four times and encouraged other dentists to spend time in volunteer and humanitarian efforts.

'39 The Right Rev. Frederick Putnam and Helen (Prouse) Putnam, '40, are living in Charlotte, N.C. He is retired after four years as the first resident Bishop of the Episcopal Church in Navajoland. He organized the first jurisdiction for Navajo people of any Christian Church.

Alice Scanlon of Maple Lake, Minn., retired as principal of Drew Elementary School in St. Paul in 1962.

'40 Robert Kuhn and Audrey Kuhn, '40 of Maple Grove, Minn., will visit their daughter, Carol A. Kuhn, '76, who is a captain in the U.S. Air Force stationed in Alconbury, England.

Dr. Daniel Ostergren of St. Paul is a life member of the American



Northwest Promotes Tomsich

Ronald Tomsich, '67, Stillwater, Minn., is the new director of Northwest Airlines' new \$15-million Polaris computerized reservation system. His other computer experience was with Sperry Corp. and the 3M Co.

Dental Association and Delta Sigma Delta.

'41 *C.B. (Bernie) Dahl* of Rockton, Ill., is a consultant on paper mill problems to the paper industry.

Vincent DiNino of Austin, Texas, was honored by the Headliners Club of Austin for "distinction and accomplishment in the area of music in general and band music in particular," after 25 years as conductor of the University of Texas bands. He is a distinguished professor of music education and professor emeritus of University Bands.

Walter Miller of Kensington, Md., is a tax aide counselor for the elderly in Montgomery county. He is also an independent business management consultant to automotive agencies in the area.

Arthur Morris of Minneapolis is a financial consultant on a fee basis. His affiliation is Combined Financial Service, Inc., in Eden Prairie. He has completed his work toward a chartered financial consultant designation.

'42 *Azor Kleven* of Minneapolis is a retired assistant chief of pharmacy at the VA hospital, is on a two-year contract as a pharmacist at King Fahad Hospital, Al Baha, Saudi Arabia.

Lloyd Peterson of Paynesville, Minn., was elected to the University of Minnesota Foundation Board of Trustees. He is also vice-chairman of the Institute of Agriculture and Home Economics Advisory Council.

'43 *John Cooney* of Ft. Lauderdale, Fla., is chairman of the board of the Griffith Co., a firm in the auto conversion field. He is president of John Cooney and Associates and chairman of the Honda Golf Classic.

Wilma McKee of Amity, Ore., was elected treasurer of the Oregon Jersey Cattle Club, an affiliate of the American Jersey Cattle Club. She raises and milks purebred Jerseys.

'44 *Charles Matson* of White Bear Lake, Minn., retired as a technical manager after 31 years at the 3M Co. He has obtained an instructor's rating in gliders.

'46 *Clarence Svvertson* of Saratoga, Calif., was named a "Distinguished Senior Executive" by President Reagan. He is director of the National Aeronautics and Space Administration's Ames Research Center in Mountain View, Calif. He also received an Outstanding Achievement Award from the University of Minnesota.

'47 *John Imhoff* of Fayetteville, Ark., was honored with the creation of an endowed chair by the University of Arkansas. He founded the college's industrial engineering department and he assisted in the development of the Arkansas industrial safety codes and in the development of new techniques to reduce error in drug distribution systems for hospitals.

William J. Johnson of Bowie, Md., retired as chief of the investigations division of the personnel investigations center, Defense Investigative Service.

'48 *Clayton Anderson* of San Diego, Calif., retired from Shell Oil Co.

Clifford Ranheim has retired and is living in Denver, Colo.

'49 *George Carlson* of St. Paul is the proprietor of the George W. Carlson Agency in St. Paul.

James Hunegn of Golden Valley, Minn., has started the E-Quality Tax Service, an income tax preparation business.

Dorothy Kincaid of Milwaukee, Wis., is the food editor with the *Milwaukee Sentinel*.

Ray Munson of Los Altos, Calif., retired after 28 years with Lockheed Missiles and Space Co., Inc. He was vice president and assistant general manager.

Ronald Sher of Windom, Minn., began a program for senior citizens who are account holders at First Bank in Windom. The group, called First Family, tours, goes to the theater, lectures, movies etc. Membership is nearly 600 in a town of under, 5,000.

'50 *Erling Weiberg* of Minneapolis retired as executive secretary of the Minnesota Water Resources Board after 20 years of service.

'52 *Dr. Ray Gifford Jr.* of Cleveland Heights, Ohio, was appointed director of the National Institute of Health by Health and Human Services secretary, Schweiker. He is also vice chairman of the council on scientific affairs of the American Medical Association.

'53 *Delmar Radtke* of Missoula, Mont., retired after 33 years as a forester. He was with the division of timber management, northern region headquarters, of the U.S. Department of Agriculture's Forest Service.

Orwin Rustad of Faribault, Minn., has received several awards for his efforts in sparking interest in the River Bend Nature Center. He has been a field biology instructor for 20 years at Shattuck and St. Mary's Hall in Faribault.

'54 *Yvonne Moore* of Burnsville, Minn., has her own law office in Burnsville. She is also chairman of the Burnsville Planning Commission.

Thomas Wolf of Rochester, Minn., was accepted into membership in the Minnesota chapter of American Board of Trial Advocates in the rank of Advocate.

'55 *Dr. Bruce Keyworth* of Bloomington, Minn., was elected secretary-treasurer of the American Association of Dental Consultants.

Dr. Kenneth Nelder of Lubbock, Texas, is chairman of the department of dermatology at Texas

Technical University Health Science Center.

'56 *George Alton* of Des Moines, Iowa, is director of securities, trading at The Bankers Life of Des Moines.

'57 *Harry Gables Jr.* of Deerfield, Ill., is president of the Kleinschmidt division of SCM in Deerfield.

Barbara Melamed of St. Paul is the president of the Upper Midwest Region of Hadassah and its representative on the national board.

'58 *Harold Quill* of Rock Island, Ill., is an executive partner of client service and practice development for McGladrey Hendrickson and Co., certified public accountants.

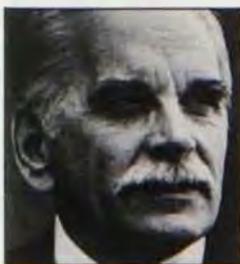
'59 *Loren Byers* of Portage, Mich., received the Dr. William E. Upjohn Award from the The Upjohn Co. for superior employee service.

Dr. Thomas Litman of Hopkins, Minn., is president-elect of Methodist Hospital's medical staff. He is an orthopedic surgeon and a clinical instructor of orthopedic surgery for the University of Minnesota.

'61 *Dr. Charles Murray* of Golden Valley, Minn., is secretary-treasurer of the Methodist Hospital's medical staff. He is also a specialist in cancer care and treatment with the St. Louis Park Medical Center and medical director of oncology at Methodist Hospital.

'63 *Robert Lindsay Jr.* of Plymouth, Minn., was appointed vice president of marketing, refrigerated foods, in the consumer foods group of the Pillsbury Co.

'64 *Richard V. Johnson* of Minneapolis was named 1983 Chief of Medical Staff at Unity Medical Center, Minneapolis.



Peabody With Guthrie

Alan W. Peabody, '68, has taken a leave of absence as a social worker for the Minneapolis schools, and has performed in these Guthrie Theater productions: "Foxfire," "Eli," "A Christmas Carol," "The Rainmaker," and "The Seagull." His stage name is Alan Woodward.

'65 Charles Flolo of Apple Valley, Minn., is controller and director of administration for the corporate technology center for Honeywell, Inc.

'66 Virginia Dawson of Minneapolis is women's athletic director at the Minneapolis Athletic Club

Harlan Finney of St. Paul is a consultant in soil resources in the Midwest area after many years of federal service.

Dr. Muhammed Karim of Aberdeen, S.D., is chairman for the mathematics, natural sciences and health profession department of Northern State College.

'67 Kenneth Bresin of White Bear Lake, Minn., was appointed to the staff of the Minnesota Education Association. He will supervise the areas of teacher rights, negotiations and governmental relations.

'68 George Ross Alexander of Villa Park, Ill., recently became a certified public accountant in Illinois and received his master's degree in accounting and international business from DePaul University in Chicago. He is a financial reporting analyst at the graphic systems division of Rockwell International, Chicago.

Rosalyn MacDonald of Burnsville, Minn., retired after 14 years of teaching.

'69 Lucy Selander of Minneapolis works for the Nokomis Library in Minneapolis.

Marsha Thole of Alexandria, Va., is the management integration officer for the foreign science and technology division at the U.S. Army material development and readiness command headquarters in Alexandria.

Robert Wendt Jr. of Columbia Heights, Minn., is vice president of underwriting at the Minnesota Mutual Fire and Casualty Co. of Minnetonka.

'70 Judith McIntyre of Syracuse, N.Y., was

awarded a summer grant for the purpose of professional development from Utica College where she is an associate professor of biology. She hopes to complete a book on common loons.

Michael Fahey of Little Canada, Minn., was appointed director of labor relations for Northwest Airlines. He is also a Little Canada City Councilman.

'71 Katie Allen of San Jose, Calif., received a master's of business administration degree from the University of Santa Clara in March.

Henry Follingstad of Minneapolis was named a member of the American Biographical Institute Research Assoc., a national organization promoting fellowship through biographical research and communication.

Gordon Gauss of Minneapolis is regional sales manager for Nelco Products.

'72 Janine Chéry Aynsworth of Minneapolis is a visiting associate professor of French at Gustavus Adolphus College in St. Peter, Minn. Her book of literary criticism, *Approche Rhetorique de la Dialectique des sens chez Bernanos* was published in 1982.

Gail Dunmer of Bloomington, Ind., is an associate professor in the department of physical education at Indiana University in Bloomington.

Peter M. Miller of St. Paul is the president of Shaw Lumber Company. He is also on the faculty advisory board of the St. Paul Area TVI School.

Dr. F.W. "Rick" Nolting of Byron, Minn., has been in dental practice in Byron since 1978.

'73 Susan (Hastay) Dods of Wilmington, Del., received a master's degree in business administration from Vanderbilt's Owen Graduate School of Management. She is employed as a senior sales representative for the Monsanto Co.

Janice Meyer of St. Paul is

teaching in the business administration department at the College of St. Thomas and doing consulting in management development through her firm, Meyer Human Resources, while pursuing a doctorate at the University of Minnesota.

Kathleen Michaelson of Dawson, Minn., was promoted to vice president of First National Bank in Montevideo, Minn. She is also chairman of the Montevideo Chamber of Commerce Governmental Affairs Committee.

Paul M. Smith II of Moscow, U.S.S.R., was promoted to director of representation for the Caterpillar company in Moscow.

Raymond Walz of Redwood Falls, Minn., was named one of the Ten Outstanding Young Minnesotans for 1983. He is an attorney in Redwood Falls and has served as Redwood County attorney.

'74 Roger Chamberlain of St. Paul is assistant vice president for the bank for cooperatives, Federal Intermediate Credit Bank of St. Paul, supervising local cooperative lending activities in Minnesota.

Inez (Olson) Schwarzkopf of Minneapolis was elected to the Augsburg College Board of Regents.

'75 N. Fredric Crandall of Dallas, Texas, is a salary administration consultant for Coopers and Lybrand in Dallas.

Diana Hays of Hillsborough, N.J., is product director of new products in the advanced care products division of Ortho Pharmaceutical Corp.

Lucy Jones of St. Paul is a fourth grade teacher at St. Michael's School in West St. Paul.

Marcia (Sebold) Kemen of Mineola, N.Y., is an assistant news editor with *Newsday*, the Long Island, N.Y., newspaper.

Dennis Kenefick of Schaumburg, Ill., is a sales representative for Aigner, Co., in Chicago. They manufacture indexes and business forms.

Robert Yard of Schaumburg,

Ill., is a product marketing manager for Raleigh products in the electronic products division of Corning Glass Works.

'76 Michael Feda of Bemidji, Minn., is moving to Cook, Minn., where he will be the plant superintendent for Potlatch at the Oxboard plant.

David Troubridge of St. Louis, Mo., received a master's degree in business administration from the University of Missouri. He is a senior process engineer for the Winchester division of Olin Corp. of East Alton, Ill.

Roger Winship of Evanston, Ill., is managing the clearing operation for The Chicago Corp. on the Chicago Board of Trade in agricultural commodities.

'77 Cecelia Golightly of Mendota Heights, Minn., was appointed administrator of patient service of Eitel Hospital in Minneapolis.

Tariq Javed of Charleston, S.C., was certified as a "Diplomate" by the American Board of Periodontology and appointed director of the graduate periodontics program at the Medical University of South Carolina's dental school.

The Rev. Mary-Francis Jones of Austin, Minn., was ordained as an Episcopal Deacon and is an assistant at Christ Episcopal Church in Austin.

Dr. David Katz of St. Louis Park, Minn., is associated with Dr. Allan Garvis in the practice of general dentistry.

Paul Mattessich of St. Paul was appointed director of the office of research and statistics at the Amherst H. Wilder Foundation in St. Paul.

Anita Sime of St. Paul is a medical technologist at the University of Minnesota coagulation laboratory and a fashion coordinator and modeling instructor for the Sears Co.

'78 William Cumming of St. Paul completed a master's degree in education from the College of St. Thomas and will start law school in the fall. He works for



Vander Myde Joins Top 100 Firm
Philip L. Vander Myde, '58, Fairfax, Va., has joined Dewberry & Davis, one of the top 100 engineering and architectural firms in the nation. He is the new managing principal for architecture. He was a principal with one of the largest architectural firms in the Washington, D.C. area.

the city of Burnsville and teaches at Lakewood Community College.

Terry Engfer of Maplewood, Minn., is personal banking officer at the First National Bank of St. Paul.

Stephen Francisco of Alexandria, Va., is a legislative assistant to Congressman Bruce Vento of Minnesota in Washington, D.C.

Catherine Griner of Phoenix is a senior electronic data processing auditor at Valley National Bank in Phoenix.

'79 **Esta Eiger** of New York City is practicing law with Sullivan and Cromwell. She graduated from Columbia University School of Law in 1982.

Lori Foco of Lubbock, Texas, is a manager responsible for plastics and repair center quality control for Texas Instruments' consumer products.

David Kaufman of St. Paul is a corrections counselor for a community corrections program for adult male felons at Bremer House in St. Paul and a phone volunteer for a group called Men in Violent Relationships, Inc.

Kevin Petersen of Bristol, R.I., is a lieutenant and a supply officer for the U.S. Navy. **Amy (Hollenhorst) Petersen**, '79, is a school occupational therapist at a Newport, R.I., hospital.

Sylvia Sodman of Minneapolis is director of public relations and marketing for Eitel Hospital, a Minneapolis-based health services corporation.

Cheryl Whitmore of La Mirada, Calif., will graduate in May with a master's degree in clinical psychology and marriage and family counseling.

'80 **L. Bryan Lunde** of Bloomington, Minn., is an assistant manager for Thompson Lumber Co. in their Plymouth yard.

Robert R. Peterson of Erie, Penn., is an investment analyst for General Electric Co. in Erie.

Joseph Rapacy of Eau Claire, Wis., is teaching economics and junior high social studies in the

Eau Claire public schools.

Kent Schnaith of Inver Grove Heights, Minn., is a software development engineer for Rosemount Inc.

Dr. William Wagnild of St. Louis Park, Minn., is in dental practice in Minneapolis.

'81 **Eddie Lee** of Bloomington, Minn., is a principal engineer for Honeywell involved in the development of a high speed integrated circuit for the government.

Dr. Bernard Fitzsimons of Coon Rapids, Minn., is chief of plans, programs, and inspections, in the office of the assistant chief of staff for veterinary services, 7th medical command, Heidelberg, Germany.

Susan Pence of Hopkins, Minn., is a product representative in the Betty Crocker division at General Mills in Minneapolis.

'82 **Larry Welsh** of Mason City, Iowa, completed the independent study program in hospital administration and received a master's degree in hospital administration in 1982.

Deaths

Walter H. Quast, '22, Hutchinson, Minn., on Jan. 31, 1983. He was active in helping to develop the school of Mortuary Science at the University of Minnesota.

Blanche H. Collier, '23, Arlington, Va., on Jan. 5, 1983. She retired in 1971 as deputy administrator of the D.C. Training School. She was also a founding member of the National Association of Social Workers.

Hibbert M. Hill, '23, Minneapolis, in March 1983. He was the founder and first president of the Minnesota Society of Engineers, past president of the University of Minnesota Alumni Association and recipient of the University of Minnesota Outstanding Achievement Award.

Alice (Scheer) Olson, '23, St. Paul, on Jan. 18, 1983. She was a charter member of Kappa Epsilon, pharmacy sorority.

Harold P. Morris, '25, Silver Spring, Md., on July 14, 1982. He was a biochemist noted for his work on the relationship between nutrition and cancer and was awarded the University of Minnesota Outstanding Alumni Award in 1970.

Nat S. Finney, '27, Washington, D.C., on Dec. 19, 1982. He was a Washington correspondent who won the Pulitzer Prize in 1948. He began his career on the Minneapolis Star. He received the University of Minnesota Outstanding Alumni Award in 1952.

Grace (Robertson) Rizer, '27, Minneapolis, on Feb. 3, 1983.

Bertha L. Boekelheide, '33, Redfield, S.D., on Jan. 4, 1983 at Aberdeen, S.D.

Hervey S. Scott, '30, Shawnee Mission, Kan., on Sept. 18, 1982.

Henry B. Peterson, '40, Oxon

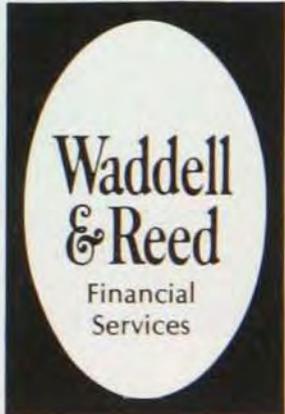
Hill, Md., on Dec. 22, 1982. He was a chemical engineer with the Naval Research Laboratory for 38 years before he retired in 1980.

Mary (McElwee) Woehrle, '40, Delmar, N.Y., Jan. 17, 1983. She was a retired teacher.

Eugene E. Theis, '41, McLean, Va., on Dec. 26, 1982. He was a retired Navy commander and emergency readiness officer for the Federal Aviation Administration.

Walter A. Benike, '48, Rochester, Minn., on Feb. 1, 1983. He was chairman of the board of Alvin E. Benike, Inc., a contracting firm.

Henry J. Sullivan Jr., '56, McLean, Va., on Nov. 20, 1982. He was a manpower specialist at the Labor department and a former head of vocational training in the D.C. public school system.



**Waddell
& Reed**
Financial
Services

Personalized Investment and Tax Planning

Financial Planning Doesn't Cost . . . It Pays

FRANK BENGTON

Class of 1951

Waddell & Reed, Inc.

6300 Shingle Creek Parkway, Suite 380
Brooklyn Center, MN 55430
(612) 588-2695



Wins Higher Education Award

Catherine Marienau, '71, '82, director of the University Without Walls at the University of Minnesota, has received the "Dissertation of the Year Award" from the Association for the Study of Higher Education, George Washington University, Washington, D.C.

The University of Minnesota's most essential and valuable resource is people—the faculty, students, alumni, staff and friends who *are* the University. One of these people is Dr. Ruth Roberts, who is proud of her deep Minnesota roots and of her long connection with the University. In addition to earning three degrees here, Ruth served as an associate professor of student counseling for many years.

The University of Minnesota needs people like Ruth Roberts to carry on its tradition of excellence in public higher education. Dr. Roberts strengthened her commitment to the University by investing in its future through a unitrust. This gift provides income for Ruth while also helping the University. Dr. Roberts' unitrust benefits her special interests: scholarship funds for promising students and support for research efforts in counseling psychology.

Like Ruth and many other donors, you may have a special interest that you would like to support at the University. The University of Minnesota Foundation's planned giving staff can advise you on the best way to do so. Life income gifts, like Dr. Roberts' unitrust, may give you and your heirs income and also provide important resources for the University's academic programs and student services. Please call or write us to find out how we can tailor a giving plan to suit your personal needs.

Call John Ryan or Craig Wruck
Collect (612) 373-9934
120 Morrill Hall
100 Church Street S.E.
Minneapolis, Minnesota 55455



THE UNIVERSITY OF MINNESOTA
F·O·U·N·D·A·T·I·O·N

“North•Star’s

service went on after our kitchen was done.”



“When our new kitchen ceiling developed a leak, North•Star responded immediately in a terrible storm, even though it wasn't their fault,” said Tom and Carole Dale of Hopkins. “We're so impressed with their service and the enjoyment of our kitchen that we're having North•Star build us a bathroom addition.”

Let North•Star•Services do your next project. You'll see complete plans before we ask for your commitment. That just happens to be the way we operate at



NORTH•STAR•SERVICES

688 Hague Ave., St. Paul 55104
227-7061

4944 France Ave. So., Edina 55410
927-4432

135 SHOWS, 7 SUITCASES



ALLEN BEAULIEU

Truly Latchaw's one-woman show carries on.

Her father named her with a stage career in mind: *Truly Trousdale*, he thought, would look good in lights. Truly was the third generation of the Trousdale Players, a highly successful traveling theater company of the early 1900s that toured 19 states and Canada. As she tells it, though, she raised such a ruckus backstage as a tot that her parents left the theater for the more settled life of innkeepers. And so Truly, barely two, was retired.

But with a background like that, Truly Trousdale Latchaw, '48, was bound to return to the stage. Three years ago the 68-year-old teacher, writer, mother, and grandmother set forth with a one-woman show celebrating her family's history and heritage.

Called "Daughter of the Theater," her show is a well-researched presentation combining period song and dance with slides of her family and their theater bills. It's a chautauqua-like performance covering the 40-year history of the Trousdale company, which was begun by her grandfather. For her show Latchaw appears in an 1895-era costume, looking strikingly like her grandmother in the troupe's early days.

Since 1980, when she began touring, Latchaw has given more than 135 performances, traveling to the midwestern towns (including Minneapolis) where her mother and father and aunts and uncles and grandparents played in the likes of *The Count of Monte Cristo* in tents and opera houses.

She is an energetic, sandy-haired woman with a schoolgirl's giggle and a lively wit, full of anecdotes about the company's early days. She encourages listeners to record their own family histories. "We're losing so much valuable history" that

should be passed on to our children, she says.

The Trousdale troupe started out as Swiss bell-ringers and soon became a legitimate theater group. Latchaw's mother, with her photographic memory, proved invaluable during repertory performances; she kept track of everyone's lines and gave cues. Inevitably, though, came one of those moments peculiar to live performances: The actors sailed through an entire scene from an unrelated play before a frantic Mrs. Trousdale finally got their attention.

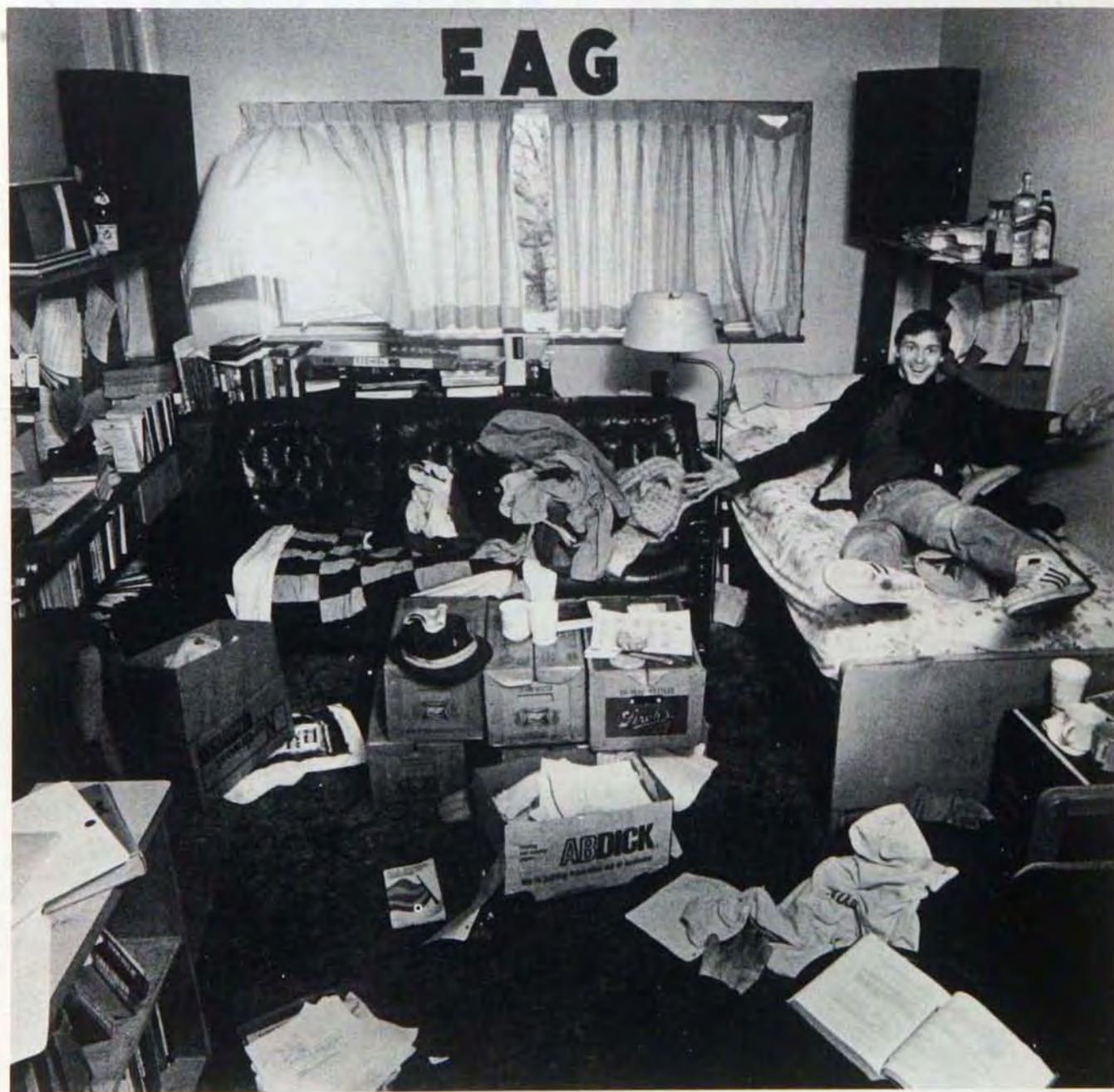
For a time Pearl White (who went on to stardom in the "Perils of Pauline" films) was with the company. "She was just starting out," Latchaw says. "My uncle fired her because she couldn't act, then hired her back because the leading lady he hired to replace her was worse than she was."

Tent theater lost its popularity in the 1930s with the advent of talkies, but Latchaw is intent on recording and preserving its history. She is compiling a book on the history of theater and is preparing a radio series for KUOM at the University of Minnesota. She was also one of the founders of Lakeshore Players in White Bear Lake, which has been her home since 1943.

"You have to keep right on going after 65," she says. "You never have to grow old if you keep on being creative. If I can do this," she continues, referring to a recent three-day, 10-performance tour in Iowa via bus with seven suitcases, "anyone can." *Terry Andrews*

This story originally appeared in Mpls./St. Paul magazine and is reprinted with permission.

ONCE OVER LIGHTLY



ROB LEVINE

**Oh, Give Me a Home
Where a Student
Roams, And I'll Show
You a Messy House**

Ed Garvey who lives in Bailey Hall on the St. Paul campus won a recent "sloppiest room" contest sponsored by the hall council.

Garvey, a resident assistant, said that

the only time he cleans his room is when he does his laundry.

"And I do the laundry when I run out of underwear — whether it needs it or not."

**Twenty years ago
Dobie Gillis made you laugh,
Julian Hook made you cheer and
Al Johnson made you look good.**



At least one tradition survives.

Classic TV comedies, like classic linebackers, come and go. Classic clothiers like Al Johnson, on the other hand, seem to endure forever.

At Al Johnson we offer crisp looking, soft feeling, natural shoulder garments. Always have, always will.

Since 1947, many a discerning gentleman have selected our store

for the eastern look that personifies exceptional taste. If you are one who appreciates this style, value and tradition, rediscover the unique feeling of trading at Al Johnson. Unlike much of your college life, it's one experience you can take with you.



**You'll never
outgrow Al Johnson's**

50th & France and Dinkytown

