



1977 MAY

alumni news

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Photo by Paul Wychor

New leaders add talent, eagerness, dedication

The three new members of the University of Minnesota's Board of Regents, sworn in at the April 14th board meeting, are eager to serve the cause of higher education.

All three have strong Democratic-Farmer-Labor (DFL) connections and actively sought their positions on the board.

Minneapolis attorney David Lebedoff '60BA feels that the University is the most significant institution in the state and finds "no higher responsibility than to participate in decision-making in that institution," according to reports in the *Minneapolis Tribune*.

Lebedoff, who is DFL state treasurer, was the chief architect of U.S. Senator Wendell Anderson's 1970 Minnesota gubernatorial victory, but has cancelled plans to manage his senatorial campaign next year.

Saint Paulite Mary Schertler's concern for higher education developed during her four years on the Minnesota Higher Education Coordinating Board, and has crystallized with her election to the Board of Regents.

A member of the state DFL central committee, she is an assistant to U.S. Representative Bruce Vento.

Charles McGuiggan's name has long been associated with education and DFL politics in southwestern Minnesota and throughout the entire state.

The Marshall, Minnesota, dentist and former mayor has served on the Minnesota Board of Education and the Higher Education Coordinating Commission.

He graduated from the University's Dental School in 1950.

Two other regents were returned to the board in the same 1977 Legislative elections to serve new terms: Wenda W. Moore of Minneapolis, who is vice chairperson of the board; and Michael Unger of Saint Paul, the student representative.



MINNESOTA'S THREE NEW REGENTS were congratulated by University President C. Peter Magrath, left, following swearing-in ceremonies in the Regents' Room on April 14. They included, from the left, Charles F. McGuiggan, Marshall, Minnesota; Mary T. Schertler, Saint Paul; and David M. Lebedoff, Minneapolis. Regents Wenda Moore, Minneapolis, and Michael Unger, Saint Paul, were also returned to the board for new terms. See related story on page 2.

Williamson Hall is campus bright spot

By Jeannie Hanson

Underground space to most people suggests bat-filled caves, gopher holes, damp basements or dungeons.

A new underground building at the University of Minnesota, named for former Dean of Students E. G. Williamson, challenges these stereotypes. "It's one of the sunniest buildings on campus," said Thomas Bligh, mechanical engineering professor and consultant for the building which recently opened.

Slanted windows and a recessed courtyard flood light into the University bookstore and the admissions and records offices, which share the Minneapolis campus' East Bank facility. Although 95 percent of the building is underground, green plants will thrive on top of the bookshelves, James Duffy, bookstore manager, said.

The building's use of the sun, and consequent substantial energy savings, will be its greatest asset. Heat flux meters, computerized heat probes and miles of thermocouple wire lacing the building will measure its exact energy consumption, Bligh said.

The building will require no heating, even on the coldest of Minnesota's winter days. The natural warmth generated by students and employees inside, along with its lights, will keep it warm, Duffy said.

Underground buildings take advantage of the fact that even as shallow as 10 feet underground, the earth's temperature varies only 10 degrees F from the hottest summer day to the coldest winter night, Bligh said. Twenty feet underground the temperature stays at

about 50 degrees year around. The building will not inhale heat in the summer and exhale its warmth in the winter the way above-ground buildings do, and there is no wind underground to affect the temperature.

To keep the building warm overnight when no people or lights are generating heat, a solar heating unit will be used to collect sunshine during the day and release its heat at night. More than 6,000 square feet of rooftop solar collectors — mirrors shaped like giant Venetian blinds — will reflect sunshine into six receivers, attached to copper pipes filled with an antifreeze compound. The antifreeze will be warmed, and will then flow into an insulated, 8,000-gallon, underground storage tank where it will be used for night-time heating.

For cooling in summer, the solar energy system will store the hot antifreeze and use that heat energy to power a standard air-conditioning unit, Bligh said. Since the building is a modern version of the sod-roofed house, the cooling demand will probably not be high, he noted.

The whole solar energy system will be installed by early winter and, until it is completed, a regular University steam-heating system will be used when necessary.

Energy saving is not the only advantage to underground buildings (Turn to page 3)



LOCATED ON THE UNIVERSITY'S EAST BANK campus, the underground facility is called one of the "sunniest buildings on campus" because of the slanted windows and recessed courtyards that pour light into the Admissions & Records and Bookstore that share the building. Ninety-five percent of the building, which covers 83,000 square feet, is underground. It was built at a cost of \$4.2 million. An additional \$400,000 came from a grant of the Energy Research and Development Agency to pay for the solar energy system which will heat and air condition it. This money will be matched with \$140,000 from the University of Minnesota.

Student regent making administrative mark at U

Alumni of the University of Minnesota can look to an increasing number of young people to provide leadership and assume responsibility for the benefit of alma mater.

Mike Unger, a University senior and the student representative on the Board of Regents, is one of these youthful leaders. Unger, who views his position as privileged and who is enthusiastic about his contributions, talked briefly about holding such a major position earlier this year.

Unger became a Regent in May 1976, shortly after the Minnesota Legislature passed a law requiring that a student or recent graduate be on the board. He was appointed by Governor Wendell Anderson to fill the 4th District position left vacant by George Latimer who resigned when he was elected mayor of Saint Paul.

A junior at the time, Unger had worked with the Student Regent bill's originators for its passage. He was also chairman of the Student Representa-

tives — non-voting observers who attend Board of Regents meetings.

After his appointment, he moved out of Territorial Hall on the Twin Cities campus to a house in the 4th District, to become acquainted with his constituents and their problems. He also resigned his positions on the University Senate, the Senate Consultative Commission, and the board of the Student Housing Corporation and of Student Publications.

When he became a regent, Unger said, "I don't want to press for student issues at every drop of the hat. If I did, the regents would probably eliminate the Student Representative system." (It was reduced from 12 to 9 representatives after his election.)

According to the *Daily*, however, he felt that, "As a student I will be more receptive to concerns of students than some of the other regents."

During the current legislative year, Unger ran for and won a position as regent-at-large.



REGENT MIKE UNGER, who serves as the student representative to the University's 12-member Board of Regents, believes youth is an important ingredient for such a group because youth brings energy and motivation for change to an environment that must be responsive to a number of constituencies. Photo by Paul Wychor

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Dr. J. L. Morrill, President Emeritus of the University; Dr. O. Meredith Wilson; Gerald T. Mullin; William L. Nunn; William B. Lockhart; Stanley J. Wenberg; Dr. Malcolm Moos.

His Democratic-Farmer-Labor (DFL) involvements were a definite asset as the DFL-dominated Legislature elected five regents with party credentials. Unger has been involved in DFL politics for some years, working on campaigns for Sieben, Humphrey and Mondale, and serving as a delegate from Cottagewood to the 1974 DFL convention.

Nearly 10 months after his initial appointment, Unger talked about his experiences on the board. He had just come from a long meeting of the Minnesota Higher Education committee of which he is a member. He has spent hours at the Capitol, listening to discussions and talking about legislation that will affect the University.

Can youth contribute as much to government as older, more experienced individuals?

"Just because I'm young, I'm not necessarily less experienced in government," Unger said. "An older person, coming from a profession or job, might not have any more experience than I do. It is valid to have people of all ages and backgrounds involved in government. They bring different perspectives and represent different constituencies and we all relate differently."

"Government should not be monopolized by people of the same age or from the same vocational or residential area. Women and minorities should be involved as should white males who have a different perspective. Different points of view are necessary in good government."

"Members of the Legislature are

younger now, many are in their '20s and '30s," he said.

What do you bring to the Board of Regents that older members don't bring?

"The motivation for change. Impatience is not bad, but I am learning patience. Both attitudes are important. If too much impatience prevails, government loses stability, so the older members keep me on the track. But the younger person can supply energy. When he doesn't have experience, he must have ideas and imagination to contribute."

What do you contribute as a student?

"The Board is structured so that issues do not lend themselves to solution via the imaginative approach," Unger said.

"Consider, for example, the campus parking problem. It has been a mess for years. The older board member says, 'Yes, it has been around for years' and there it ends. As a student I see an immediacy. I am less satisfied. I feel the need for a solution."

"I have been meeting with members of the University administration to see if we can't find a solution, and I asked for an information session to update the situation for the board."

"It's getting worse with parking lost to the new law building and the city's plans for the river development. The board recognizes the problem, but is complacent while the problem changes and becomes more acute."

Are there solutions?

"Yes, by emphasizing alternatives:

(Turn to page 4)

Advantages abound with underground construction

(From page 1)

like this one, Bligh said. Open green space is becoming quite important, too, as cities become more crowded.

"We're happy to have a yard on the roof and to be able to preserve the view of the buildings around us. Our building keeps a low profile," Duffy said.

Construction and maintenance costs are surprisingly low for underground buildings, too, Bligh said. It costs less to excavate a hole for an underground building — even to blast through solid rock — than it does to face the exterior walls of a building the same size. Maintenance costs are low because the ground around the structure protects it from wear and tear. Ventilators and dehumidifiers, along with rubber membranes which hug the walls and roof, keep humidity and water from causing damage.

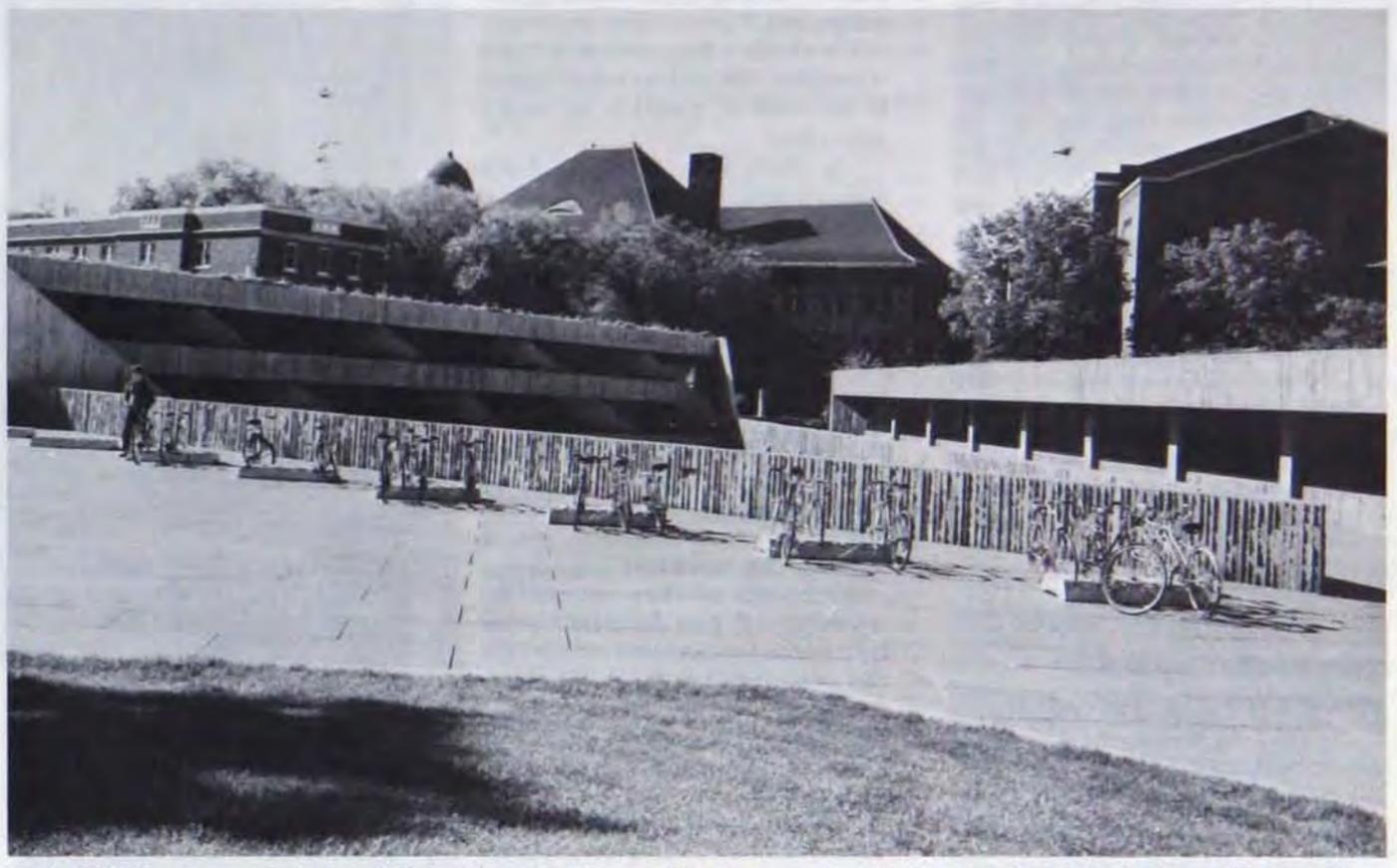
built underground "kivas" for ceremonial purposes. Even pioneer sod houses, 1950's air raid shelters and modern baseball dugouts are partly underground.

Bligh feels that the number of underground buildings will increase rapidly when coding and financing problems are resolved. Such changes will probably occur when more people see underground buildings firsthand, Bligh said. The Minnesota Legislature has funded his demonstration project to design and build five different kinds of underground houses as homes for Minnesota's state park rangers. The houses are to be completed this summer.

A SUNKEN ENTRANCE to Williamson Hall is pictured at the right. (Photos in this article by Paul Wychor)



THE ADMISSIONS & RECORDS area of the University's newly opened underground facility is airy, colorful.



OPEN SPACE is also an exterior benefit in buildings like this one. The plaza area provides bike racks for students, along with space for lounging and foot traffic. Pillsbury Hall is seen directly back of the building, with Northrop Auditorium to the left.

Because of their advantages, underground buildings are gaining in popularity. Bligh is on the editorial board of an international journal on buildings and receives about 100 inquiries every week from people interested in underground construction.

New Mexico and California have built underground schools. Kansas City, site of limestone mines, is laced with underground storage areas, factories and parking areas in huge cathedral-sized caverns. In northern China, some 10 million people live in underground homes and farm on their own roofs.

But the Scandinavian countries are leading the way, from an underground gymnasium and swimming pool club in Norway to the underground sewage treatment plant in Stockholm. "In proportion to their populations, Norway and Sweden are first and second in the world in their underground construction," Bligh said.

Though underground buildings are attracting more interest now because of energy and open space problems, underground living is far from new. "Our ancestors lived in caves 32,000 years ago," Bligh said. In prehistoric times, whole villages were built underground in Tunisia and Turkey. American Indians in the southwest



WILLIAMSON HALL, dedicated on May 19, was designed by the Edina (MN) architectural firm of Myers and Bennett, and won the 1974 Progressive Architecture Magazine award in the higher education category. One of its first level entrances is pictured above.



BOOKSTORE AREA is seen at right.

Gift provides salary for Law Review president

A gift from friends of Judge Clarence A. Roloff '29LLB of the Eight Minnesota Circuit Court, Montevideo, upon the occasion of his retirement, will be used to provide a stipend for the University of Minnesota Law Review president.

The gift of about \$6,000 will allow the Uni-

versity to invest the money for a stipend of about \$350 to \$400 a year for the head of the student-run scholarly journal, the *Minnesota Law Review*.

The first recipient of the stipend is also the first woman chosen president of the *Law Review* board of editors, Madge S. Thorsen.

Judge Roloff was president of the *Law Review* board of editors in 1929. The gift was made possible by donations from his friends upon his retirement last year, and the judge decided how it would be used, according to Robert Grabb, associate dean of the Law School.

Regent talks of campus . . .

(From page 2)

remote parking lots and bus transportation to the campus, using the inter-campus bus or other buses.

"But there are bigger issues which occupy the board. I've served on the Education Policy and Faculty Staff Affairs committees. In Education Policy there are no hot issues, but we are examining the student role in determining tenure and teacher evaluation. And we are reviewing the campus boundaries and their effect on the community.

"Since I am a student I know the campus intimately and am often contacted about campus problems. Recently there was a problem with hospital employees who take risks while working in kidney dialysis treatment. Their risk of contracting hepatitis was greater than normal and they wanted benefits assured in such cases.

"I asked to be briefed and it was important to ask the right questions.

"Then there was the matter of back pay for hospital employees who worked through arbitration and then may have changed jobs or left. My thought was that they deserved the proper rate of pay since they had agreed to arbitration. My Faculty-Staff Affairs committee split in its vote against the administration's appeal, but I had one member voting with me and later the board agreed to back pay for these employees."

Do you have political ambitions?

"Not now. I'm working on a BES degree (bachelor of elective studies), with concentrations in political science and speech communication and I've been accepted in Law School," Unger said. — Wilma Smith Leland

Minnesota Legislature passes no-site stadium bill

On May 16 Minnesota Governor Rudy Perpich signed into law the no-site stadium bill that had been given final approval by the Minnesota Senate on May 11.

According to a Minneapolis newspaper, the bill authorized Perpich to appoint a seven-member commission to pick a site and see to the construction of a 65,000 seat stadium.

The commission includes chairman Dan Brutger, a St. Cloud contractor; Richard Radman, Saint Paul labor leader; Dr. James Shannon '51MA, Wayzata, executive director of the Minneapolis Foundation; Mrs. Solveig Premack, Minneapolis, Citizens League and Capitol Area Architectural Planning Board member; Josephine Nunn, Champlin mayor and president of the Association of Metropolitan Municipalities; Ron Gornick, Chisholm gas station and motel owner; and Kelly Gage '50LLB, a Mankato lawyer who has served in the Minnesota Senate.

According to the bill, this commission can authorize up to \$55 million to build a domed stadium, and up to \$42 million, if it were not domed. The commission could also spend up to \$37.5 million if it chose to build a new stadium for football and soccer at the metropolitan sports area in Bloomington and refurbish Metropolitan Stadium for baseball only. It could spend \$25 million if it chose to remodel Met Stadium as a multipurpose stadium.

The stadium is to be financed by user revenues, mostly from the Vikings, Twins and Kicks professional teams, with a back up tax of two percent on liquor sold by the drink in the Twin Cities metropolitan area.

It is anticipated that construction could probably begin about a year from now.

Space shuttle is opening new travel era, says rocket scientist Mauersberger

Photo by Paul Wychor

By Brian Lowey

Last December a scientific payload, including an instrument designed and fabricated by a University of Minnesota scientist, was loaded onto a Scout rocket. The rocket was gassed up, the launch crew retreated to the blockhouse, the rocket ascended in a long, graceful arc and plopped into the Pacific Ocean. Both rocket and experiments were a total loss.

"I don't think I'll ever get over it," said the scientist, Konrad Mauersberger, who was planning to study the upper atmosphere.

The age of rockets like that one is almost over, however, and the era of the space shuttle is beginning. The big rockets of the '60s and '70s may soon become museum pieces to be viewed by schoolchildren and dusted by curators.

"The space shuttle opens up a new era in space travel," Mauersberger said. "We've never had anything even comparable."

The shuttle's biggest asset is that it is reusable. Old rockets either flopped in the ocean or burned in the earth's atmosphere.

"In future years the space shuttle will become our bread-and-butter transportation," Mauersberger said. "When it is operating all the rockets will be gone. It will be the work horse of the space program."

The space shuttle looks a lot like a big transport plane. Unlike airplanes, though, it will be strapped to a long fuel tank (longer, in fact, than the shuttle itself) and two booster rockets which will blast it into orbit. Once sufficient altitude is obtained, the fuel tank and boosters will drop off, and the shuttle's own rockets will take over.

At the end of each mission, the spacecraft will glide down through the atmosphere and land on a runway, just like a conventional airplane. But since the shuttle will land without power, it will need a special runway that will be almost 3 miles long and 100 yards wide.

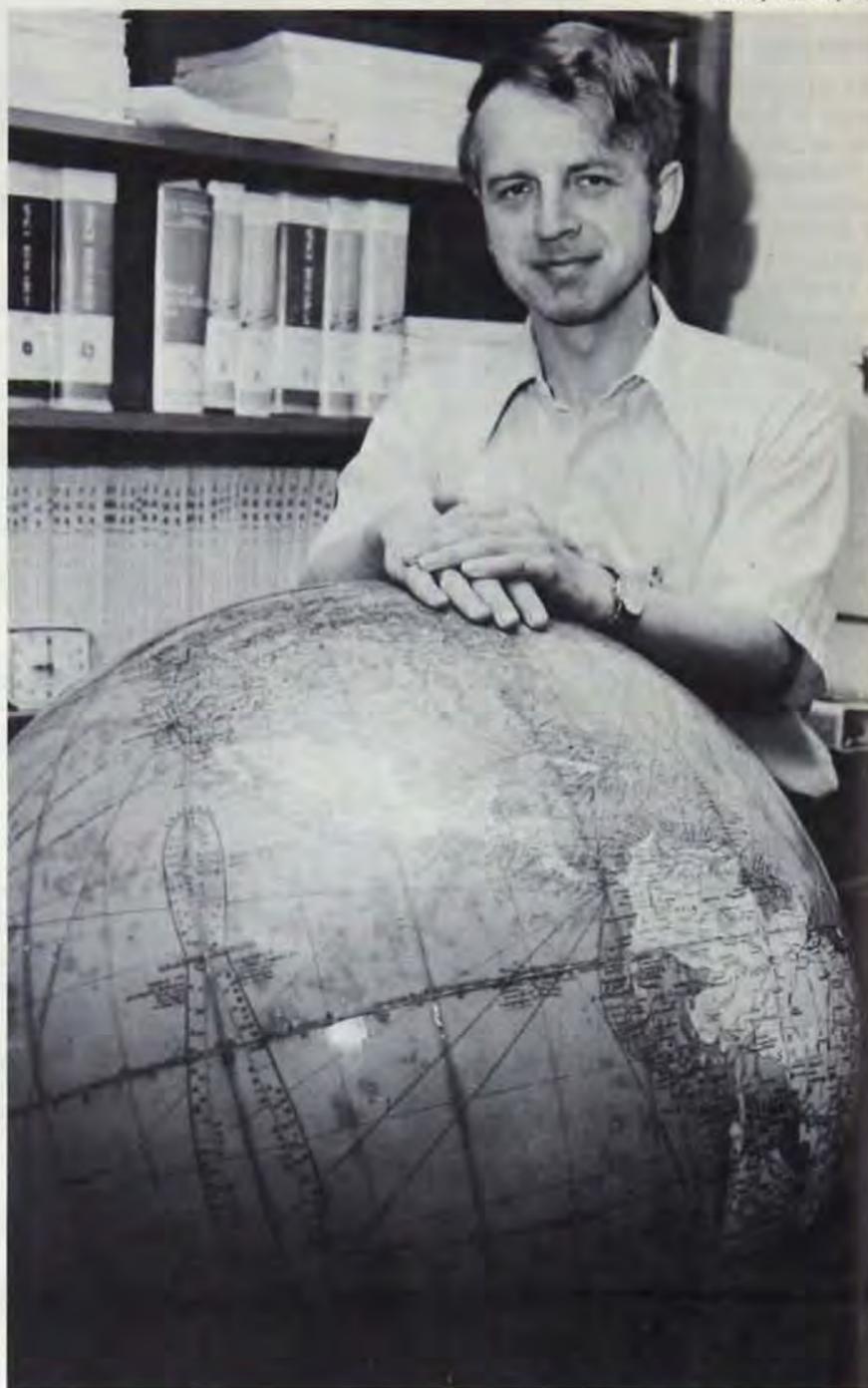
At the heart of the shuttle is its cargo bay, which will transport satellites, experiments and scientists back and forth from space.

The scientists will ride in the shuttle with the astronauts, but will work in Spacelab, which resembles a giant thermos jug and is designed to fit neatly into the shuttle's cargo bay. Spacelab is being built in Europe as part of a unique international effort.

Space shuttle missions will provide the earth with a flood of information regarding weather, mineral and water resources, and the pollution of air and oceans. In addition, the shuttle will be used to boost interplanetary missions out of the earth's atmosphere, thus eliminating a costly step in space travel.

One region of the earth which the shuttle will scrutinize is the uppermost region of the atmosphere, for it is here where space debris blows into the atmosphere and where the earth's great magnetic lines of force reach out into space.

"This region is part of the earth's environment in much the same way that clouds and thunderstorms are,"



said Laurence Cahill, University of Minnesota physicist and a member of a National Aeronautics and Space Administration (NASA) shuttle experiment committees.

"Some energy enters our environment through this uppermost region. Particles that blow out from the sun — the solar wind — are screened through it. Some of them get trapped in the earth's magnetic field and some filter down into the atmosphere."

The particles that filter down collide with the electrically charged ionosphere and flash into brilliant colors, creating what we call the northern lights. These magnetic storms are photogenic and disruptive — they interrupt radio communication and can affect our weather.

If occurrences in the upper atmosphere demand it, scientists may consider using the space shuttle to ferry materials for the construction of an orbiting space station, from which they could watch our churning atmosphere and study the possible manufacturing applications of zero gravity.

"Why not?" Cahill asks. "A space station is one thing that should be considered for the shuttle. Perhaps we can even make a go at prospecting on the moon for the materials that we're going to build it with."

SCIENTIST Konrad Mauersberger speaks of the National Aeronautics & Space Administration's space shuttle as a "new era in space travel." The size of the globe on which the physicist rests will be further diminished by the speed and versatility of the shuttle program.

Other ambitious thinkers are dreaming of placing huge solar collectors in orbit around the earth and beaming down energy to receiving stations on the earth's surface.

"Up there we have pure radiation from the sun and no clouds to obscure it," Mauersberger said. "If we can develop the technology to beam this down to earth we would have an inexhaustible energy supply."

All of these developments are a long way in the future. But the vehicle that will make it all possible — the space shuttle — will begin flight tests later this year. And if one of the managers of NASA's space shuttle program, Minnesota alumnus Deke Slayton, has his way, the shuttle will be in orbit sometime in 1980. (Slayton '49BAero Eng will be among those distinguished University graduates honored at the 1977 Minnesota Alumni Night in June with an Outstanding Achievement Award.)

Spring enrollment breaks earlier record

Returning students and the continually increasing numbers of women students combined for another record spring-quarter enrollment at the University.

The number of women enrolled increased

on every campus: up 50 percent at the University's Technical College, Crookston, up 16.6 percent at the University of Minnesota, Duluth, and up 17.3 percent at the Technical College, Waseca.

Admissions officials also reported that students returning after an absence from the campuses increased 2.8 percent from a year ago.

Quarterly enrollment figures have been at record levels since the fall of 1974, but the rate

of increase has slowed with a tally of 942 more students this spring compared to a 2,200 increase a year ago.

Among the University campuses that showed a total spring quarter enrollment of 49,551, Crookston had the largest percentage increase, followed by Waseca and Duluth. Duluth had the largest net gain in students with an increase of 498. Twin Cities campus enrollment increased by 177 students.

A REVIEW

Porcelain animals take over University's South Gallery

By Kim Downing '80

Northrop's third floor art gallery is overrun with animals — animals that are small, very old and made of porcelain. Part of an exhibit called "Animals from Legend and Life from Antique German Porcelain," they will occupy Northrop's South Gallery until June 2.

Elizabeth Critchley who planned and executed the entire exhibit, is caretaker for the menagerie of figurines. A graduate of Williams College, class of '75, she is at the University of Minnesota on a National Endowment for Humanities Fellowship, which funds the year's internship required for her Master of Arts degree in museology.

Critchley began research for the exhibit last September. She approached museums for loans and arranged insurance for each valuable figurine. She obtained pieces from institutes as well-known as the Smithsonian, Busch Reisinger, Harvard University and Cooper-Hewitt.

Along with her extensive consultations with each museum, Critchley received valuable advice from the University Gallery staff and Art department on the catalog's theme and essays that describe the exhibit, the installation of displays and accompanying lectures.

All of this effort culminated in the opening of the exhibit on April 22.

"Porcelain is a hard thing to get people to come and see," Critchley said before the opening. Yet, the exhibit drew about 100 people at its opening, among them, antique collectors as well as hobbyists.

The porcelain pieces fall into two categories, figurines and serveware, representing the period between 1735 to 1835. Their well-preserved appearance is due to their status as "the toys of the 18th and 19th century aristocracy," Critchley says. According to the exhibit's catalog, the zeal of Europe's gentry for porcelain was evident in their delight at deciphering its well-kept Oriental formula (accomplished by a German alchemist in 1710), and their subsequent patronage of the first factories that produced the shell-like ceramics. Meissen, the most prominent of these factories, is located near Dresden, Germany. Frankenthal and Nymphenburg were other sought-after factory names.

Entire villages of porcelain figures were frequent centerpieces at court banquets of the gentry, and one monarch, Augustus the Strong of Poland, commissioned the Meissen factory to fashion hundreds of life-sized porcelain animals, which he displayed in a special mansion.

The Northrop collection is housed in a graceful, airy room with walls of antique blue alternating with soft white. An entire wallful of French tapestry, having one small, smiling lamb spotlighted, contributes to the 18th and 19th century atmosphere, along with two arrangements of period furniture. A delicate French grouping is on loan from the Minneapolis Art Institute and a subtly-grained Australian commode comes from the University Gallery.

The figurines themselves are displayed like sculpture, Critchley says, to avoid the appearance of a cluttered attic. Forty objects are contained in plexiglass cases that were constructed by Bill Lampe and the University Gallery Shop staff. The display cases are unobtrusive, letting the figurines be seen easily from all angles, and giving the small gallery an illusion of roominess.

The porcelain pieces cover four art categories: domestic, exotic, pastoral and al-



ELIZABETH CRITCHLEY, director of the University Gallery's Antique Porcelain Exhibit, is interning this year at the University on a National Endowment for the Humanities Fellowship as part of her master's program in museology.

legorical. The "Bolognese Terrier" that peers from a central case is an example of the domestic. A breed fashionable in aristocratic society, his detailed, tousled fur coat seems to indicate static motion, belied by the hand-painted sincerity in his brown eyes.

A brilliant red parrot that glares from the opposite wall is an exotic piece and a frequent 18th and 19th century subject. Trade with Asia and America was flourishing during this time and many new and strange animals were brought to court.

Not as accurately detailed, but with a unique usefulness, are a pair of elephants that double as incense burners. They have enormous, floppy, puppy ears and feet, Critchley points out, and are symbolic representatives of their native country.

In contrast to the exotic figurines, the pastoral animals allude to the peaceful, familiar refuge that an increasing number of European aristocracy found in nature. Theirs was, however, a new interpretation of nature, as overdressed noblemen strolled in woodland surroundings. The pair of Meissen figures in the Gallery exhibit emphasize this attitude — the shepherdess with a caged bird on her shoulder and a lamb lying meekly at her feet represents, Elizabeth says, the qualities expected of a young lady of the court. The dexterity and persistence needed by youth to gather the basket of birds' eggs he carries on his arm might also enable him to win his love, she adds.

Two more figures, both named "Youth Playing the Recorder," reflect an integral part of the pastoral tradition: both leaning against tree trunks with tiny dogs at their feet, displaying the idealized ruralism of the period.

The most whimsical of all pieces in the show accentuates the humor that was often an ingredient of porcelain characters. This figure defies a category. It is a cane handle, pure, translucent white, in unpainted porcelain molded into a man's head with a swan perched on top, that is leaning over, extending his long serpentine neck and biting the man's nose.

The allegorical is illustrated by two types of figures: animals representing myths or gods, as in "Europa and the Bull" where the bull depicts the god Zeus and Europa is portrayed by a pallid Old World woman with a made-up face, a mockery of the court; or by the "Four Continents," where each piece represents one of the four continents known at that time.

The entire exhibit is an excellent expression of the life and times of the Old World, as well as a tribute to the craftsmanship of the porcelain makers. The setting and knowledge that this University Gallery exhibit provides enhances the love one can quickly have for these mute and gentle porcelain figures.



BOLOGNESE DOG, Mid-18th Century, Meissen domestic.



YOUTH PLAYING RECORDERS, 1790-1820, Meissen pastoral.



PARROT, early 19th Century, Meissen exotic.



FOUR CONTINENTS, 1745, Meissen allegorical.

First invalidated, student election upheld

Setting a University precedent, the Campus Committee on Student Behavior (CCSB) declared the student body election for president of the All Campus Council invalid on May 3.

In its decision, CCSB said that new primary and general elections were necessary because "there seems to be no satisfactory partial resolution to the taint of unfairness in an election campaign." The student-faculty committee ordered new elections to take place before spring quarter ends on June 3.

After primary candidates filed charges of election irregularities, the campus Elections Commission allowed all candidates who ran in that March primary to run in the general election. Consequently, six names were on the ballot for student body president. This commission ruling was at the heart of a complaint filed by Bill Paul, the student who won the presidential primary, but lost in the general election.

Dick Wilke, a 23-year-old University junior, won the general election by 90 votes. He drew 900 out of a total of 3,211 votes cast by eight percent of the eligible voters who turned out.

Though complaints of election irregularities were also received from students who ran for offices other than the presidency, only the presidential results were invalidated. Representatives to the All Campus Council, as well as the Twin Cities Student Assembly were listed on the ballot.

As the *Minnesota Alumni News* went to press, the Senate Committee on Student Affairs overruled the CCSB and Election Commission, validating the election and declaring Wilke the new president.

Minnesotans make good in sunny Arizona

By Irma Wachtler

The city of Phoenix, Arizona, has been growing, expanding and prospering since the end of the 19th century. It is an interesting mixture of the American West, with Indian and Spanish cultures.

The home of the cowboy, in recent years, Phoenix has also become the home of the Iowa farmer, the New York businessman or the Minnesota educator.

In suburban Glendale two former University of Minnesota staff members, Charles "Chuck" Mannel and Robert Moran, serve in key positions at the American Graduate School of International Management (AGSIM), better known in the board rooms of international corporations than to the average American.

AGSIM is the only school in the United States, probably in the world, that specializes in preparing college graduates for careers in international business management.

Mannel is AGSIM's placement director, while Moran is director of the program in cross cultural communications.

Everyone involved with the school is there for a serious and well-directed purpose, but AGSIM's atmosphere is charged with a sense of adventure and good humor.

Mannel, transplanted from the University of Minnesota where he was an assistant dean in the College of Business Administration and director of placement, says:

"At Minnesota when a student said 'I'm flexible' — that meant that he would take a position anywhere in South Minneapolis. When a student here says 'I'm flexible' — that means he will go anywhere — even to the most undesirable places. It means he will go to remote corners of the world — really anywhere — which is just one of the things that makes it so exciting to work here.

The students are as varied as the name international suggests — AGSIM's current enrollment represents 69 majors of study from more than 347 colleges in the United States and 47 foreign countries, and backgrounds that provide invaluable dimensions to a total education.

A year ago when Mannel left the University, he concluded a stint of approximately 15 years at Minnesota. After earning a BS in business at the University of Maryland, he went to the University of Minnesota-Duluth (UMD) where he earned a BS in education and economics while working as a teaching assistant. He earned his master's in educational counseling on the Twin Cities campus.

During his years on the faculty of the University's School of Business Administration (later called "College"), he was director of placement, director of student, staff and alumni services, and assistant dean of administration.

"As much as I enjoyed my work at the University of Minnesota, when this opportunity presented itself I was unable to resist even though there were 116 applicants for the position. This is the best school of its kind in the world. There are only four others of a similar nature — one at the University of Colorado, the American University at Washington, D.C., Fletcher School of International Affairs and one at the University of South Carolina.

His training and experience at Minnesota stood him in good stead: Mannel has already increased the number of companies recruiting prospective employees at AGSIM from 100 to 150, and is aiming for 250 and more of the larger corporations.

Bolstering his university experience, Mannel served 12 years in centralized and decentralized placement offices, working as a consultant with Personnel Decision, Inc. of Minneapolis and in general personnel consulting with a number of multinationals.

His AGSIM placement office maintains files of 1,500 corporations, all of which are kept current with annual reports, bulletins of special interest to students, information on training programs, career opportunities in companies and the names and addresses of contacts. Mannel also oversees the mini-resumes published in book form and sent to approximately 1,000 multi-national business, social and governmental agencies. Each entry specifies the student's career objective, as well as his or her educational background and work experience.

A 1975 UMD alumnus, George M. Gaida, who graduated from AGSIM in December 1976 and is with the International division of Jostens' as director of sales and product administration, says that "Chuck Mannel doesn't sit around, he makes things happen. He has made himself and the people on the



CHUCK MANNEL, left, AGSIM's director of placement, talks about international career opportunities with Michael Hughes, a 1967 Minnesota graduate who currently attends the school. Mannel formerly was an assistant dean and director of placement in the University of Minnesota's College of Business Administration.



ROBERT MORAN, director of the cross cultural communications program for the American Graduate School of International Management, has put his international travel and foreign language ability to good use in building a new curriculum.

staff available on regular schedules for consultations with students in order to help in any way that they can, which is very important."

Michael Maguire, another member of UMD's Class of '75, finished at AGSIM in August and is now with MRM Elgin division of Domain Industries in New Richmond, Wisconsin.

Several Minnesota graduates are currently attending AGSIM. Michael Hughes '67 says, "I was attracted to the school because of its pragmatic rather than purely academic approach. I would eventually like to be involved in a multi-national business in the Far East, and I feel that the training at AGSIM will provide a faster track for advancement."

John Gold '73 UMD has just been placed with Wilson Sporting Goods in Germany.

Lynn Kuchinski '74, who will finish at AGSIM in August, already has contacts with the City Bank of New York, Continental Bank of Chicago and Northwestern Bank of Minneapolis for a possible international assignment. She says, "It's been a good year, and I would do it all over again."

According to William Voris, AGSIM president, when Mannel joined a year ago he faced a difficult situation because the students were up in arms over the running of the placement office.

"They felt that there was not adequate counseling and that there were not enough major companies coming to the school to re-

cruit," he said. "In one year Mannel has changed all this and has converted the office into an efficient, smoothly running operation. The students are satisfied, he has good empathy with them and they like him. This man is a true professional."

Moran's knowledge of Japan makes him a valuable AGSIM asset

The other University of Minnesota transplant, Robert Moran, became director of the program in cross cultural communications in

September 1976. His spirited attitude and enthusiasm mirror Mannel's.

Moran earned his BS at Saint Augustine Seminary in Toronto, Canada, and received his master's and PhD in educational psychology at Minnesota. He has spent five years in Japan and speaks Japanese fluently. Numerous visits to Latin American and European missionaries have acquainted him with populations of other world areas as well.

Moran was on the University of Minnesota campus for six years, working in the International Student Advisor's office under the vice president for student affairs, and in the department of speech and communication.

His Japanese background makes Moran especially well prepared to explain the structures of that country's multi-national corporations and the Japanese decision-making processes.

He says that Japanese decision-making is different from the Western process. The structure of the Japanese company differs also from the typical American company, as do the styles of management. "An American doing business in Japan should be aware of these and many other differences which, if not correctly understood, cause many misunderstandings," he said.

Bob Moran's work at AGSIM is in a relatively new field and, according to Voris, he is doing a fine job putting together the cross cultural program. Students are flocking to his courses.

The visionary instincts of two other AGSIM administrators regarding cross cultural communications led to a Health, Education and Welfare grant, to create such a program. "They searched the country over for the proper person to execute it and Moran was head and shoulders above all the others. He is the outstanding authority in this new field," Voris said.

Both Chuck Mannel and Bob Moran are making important contributions to an educational institution whose graduates are welcome throughout the world. And they agree that the training and experience gained at the University of Minnesota prepares one very well for guaranteed success anywhere.

MEMBERSHIP BENEFIT

Seasonal special is colorful guide

By Judy Vick

What is so beautiful as a Bouncing Bet in spring? Unless it is a Hog Peanut in summer, or Nodding Beggar's-ticks in fall.

These interestingly-named "creatures" are among the myriad of wildflowers that populate the state of Minnesota each warm season and are pictured and described in a new book recently published by the University of Minnesota Press.

According to John B. and Evelyn W. Moyle, husband-and-wife authors and photographers of *Northland Wild Flowers: A Guide for the Minnesota Region*, "Minnesota is a particularly good place to enjoy and study wildflowers." The reason for this, they say, is that the North Star state is the meeting place for three major vegetation types — southern and eastern hardwood forests, northern evergreen forests and the western tall-grass prairies.

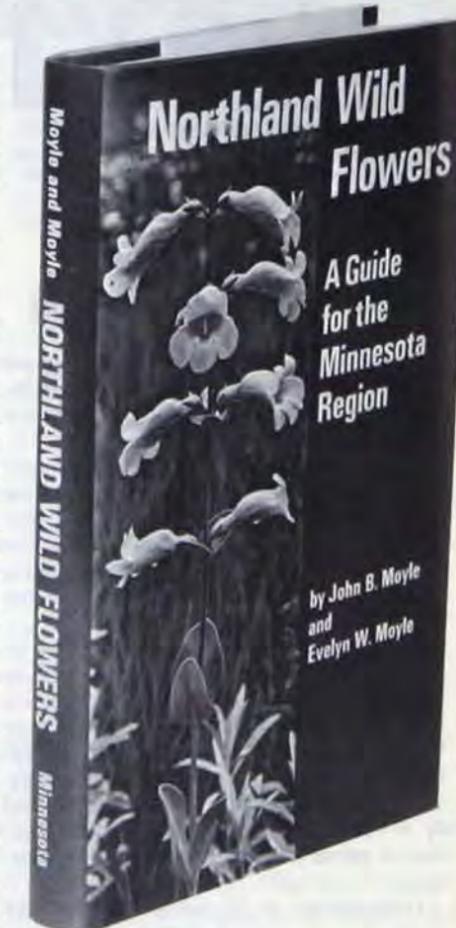
The book — a concise 236 pages (so it can easily be carried on field trips) — includes a map showing where each of these vegetation types may be found. The how, when and possibly the why of wildflower study and enjoyment are also considered in the colorful volume.

A reasonably simple aid, presented according to the arrangement of flowers and the characteristics of their parts, with illustrations, can be used by the reader to match the flower he or she is observing in its natural habitat with the vivid color portraits in the book.

Individual portraits and descriptions of more than 300 different flowers give the season and general locations where each may be found, along with complete physical details, as well as botanical names. In the book's introduction suggestions are made regarding specific parks, roads and other areas where flowers may be abundant.

The history of wildflowers in Minnesota, including Native American usage of them for food and medicine, a listing of earlier studies of the plants and cautions for the conservation of these landscape beauties, is also included in a volume which offers such interesting detail as the fact that the life-saving drugs quinine and digitalis both are products of wild plants.

Their emphasis, the authors say, is on the fall flowers "which deserve to be better



known." Fall flowers may be seen at their peak blooming periods, on open roadsides and prairies, around September 10, spring flowers, around May 15, and summer flowers, around July 15.

Northland Wild Flowers: A Guide for the Minnesota Region is available through the Minnesota Alumni Association at a special discount price for members. The list price of the book is \$12.95. Minnesota Alumni Association members may purchase it through the Association for \$8.41, plus 59¢ postage and handling. Minnesota residents, please add 34¢ for state tax.

Nursing-Pharmacy building's fate is in Legislative hands

Minnesota's long-range pharmacy and nursing needs and the University of Minnesota's enrollments in these two areas have been up for discussion recently in the State Legislature.

"Minnesota's population base is not getting larger, but it is getting older," said Lyle French, University vice president for health sciences. "I think the demand for the clinical pharmacist is going to be sufficiently great to expand the enrollment of 15 per class."

French said that clinical pharmacists would be members of the "health care delivery team" that will be working with hospitals and nursing homes in monitoring the dispensing of drugs.

"It's impossible for a physician to learn about drugs from a drug salesman and then translate that into rational drug use," the vice president said. "That's the way most physicians learn about drugs now."

In some nursing homes, French said, doctors dispense drugs without being aware of possible side effects, and in some cases patients end up taking too many pills. "I think the clinical pharmacist is going to be able to go into nursing homes and clear up this problem," he said.

French believes the University could be released from the federal grant strings requiring an enrollment increase if the demand for clinical pharmacist does not justify the increase in class size. However, we think we need the

space for pharmacy irrespective of the enrollment increase, he said.

The grant also calls for an increase in class size from 44 to 66 in the School of Nursing master's degree program. "The state is short of master's-trained nurses and we're the only school that can produce them in Minnesota," French said.

The University is seeking \$12.9 million for completion of the \$22.9 million pharmacy-nursing building (Unit F) in the health sciences complex on the Twin Cities campus. The remainder of the funding had been provided by the 1969 and 1971 Legislatures and an \$8.3 million federal matching grant, which would require increases in pharmacy and nursing class sizes.

The federal offer expires in May if the Legislature does not fund the building.

A \$300,000 study funded during the last legislative session was to explore alternatives to a new building. French said that the only "acceptable" alternatives would cost as much as Unit F and would not qualify for the federal funds. A number of options were studied by the federal government before it made the grant commitment, he said.

As the 1977 May *Minnesota Alumni News* went to press, the House of Representatives approved the University's \$13 million request for state funds to match a promised federal grant.



THE UNIVERSITY'S EAST BANK SKYLINE will change once again if the 1977 Minnesota Legislature appropriates the matching funds needed to construct Health Sciences Unit F. The taller of the two buildings on the right is Health Sciences Unit A, which houses the School of Dentistry. Directly in front and to the south of Unit A is Unit B/C which is nearing completion. Unit F would be constructed near the East River Road and fill some of the skyline between the two new Health Sciences units and University Hospitals, to their left.

FOR MINNESOTA ALUMNI CLUB MEMBERS



Sky-high entertainment enhances evening dining

The Minnesota Alumni Club's headline entertainer, talented organist **Frank Cammarata**, who performs every Friday and Saturday evening from 7 to 11 p.m., has been a professional musician for the past 40 years.

Frank started early, at age 9, doing tours and shows as a concert accordionist. When he was 16, he became the studio musician at Station WTMJ in his hometown of Milwaukee, Wisconsin.

For five years Frank toured the United States as an organ soloist with his own group, appearing with such stars as Xavier Cugat, Bob Hope, Harpo Marx and Arthur Godfrey, until he was drawn to higher education and the University of Minnesota which he entered in 1953. He played his Music School entrance exam on the concert accordion because the University did not have an organ.

Frank stayed on campus until recording contracts with RCA Victor and ABC Paramount lured him away. While he recorded, he also performed in the Twin Cities area's better restaurants as a concert organist.

He returned to the University to complete a degree in music education, a time he calls a "fantastic experience," before becoming the concert band director at Brooklyn Center High School in 1969. A talented teacher, Frank initiated an accelerated program that led to the performance of baroque, classical and romantic works by a junior high concert band.

Recently, he has been working with a liaison in the Soviet Union's Concert Bureau to arrange a concert tour of the Soviet Union. His interest in this project may have been spurred by his wife, a native Russian who earned a master's degree in music (piano) by age 15 and performed as a concert pianist in Russia. The Cammaratas have one daughter of college age.

Frank is enthusiastic about his Minnesota Alumni Club appearances and welcomes requests from Club clientele.

Call Club Manager Bill Swain at 376-3667 for reservation information.



Frank A. Cammarata

University tops energy savers

Three of the nation's largest collegiate campuses, each with most of the components of a small city, instigated vigorous campaigns to reduce energy usage during the recent fuel crisis, according to the National Association of State Universities & Land-Grant Colleges' (NASULGC) March 18 newsletter.

The University of Minnesota, Twin Cities, was one of these member campuses, which along with Ohio State University and Michigan State University, East Lansing, tallied exemplary results, and is continuing efforts to achieve additional savings, NASULGC stated.

At the height of the winter fuel crisis, University President Peter Magrath accepted Minnesota Governor Rudy Perpich's challenge to lower temperatures and cut down fuel consumption at the University by 20 percent.

The University had already achieved a 16 percent reduction in the consumption of fuel and electrical power since 1972.

Information available as of March 1, 1977, when compared with the same period last year, showed that the University's fuel requirements were up only 3 percent despite the fact that the number of degree days for the year was 21 percent higher. This put the University ahead by about 18 percent, said Warren Soderberg, director of physical plant maintenance and operations.

To meet its 20 percent goal, the University actually hopes to end the year without showing any increase in its fuel requirement.

Minnesota probably has the most extensive computerized central heating and cooling control system of any university in the country, according to NASULGC information. This system serves 100 buildings, and involves most of the major facilities on both the Twin Cities and Duluth campuses.

A study made about three years ago indicates that the system saved the University at least a half million dollars a year in energy and labor costs — a figure which should now be much higher after the 1977 fuel crisis.

Magraths separate

University of Minnesota President C. Peter Magrath and his wife, Sandra, announced their decision to separate on April 25. They issued the following statement:

"After much thought and consideration, we have made the difficult decision to separate on an amicable basis. A divorce is possible, but that decision is left open. Since this is a personal matter affecting the two of us, we sincerely ask that our desire for privacy be respected."

Frederick J. Dresser '55AA



Barbara Thornton Lockwood '53BSHEc



Richard R. Quinlivan '49BS '51LLB



David D. Young '70MSW



James M. Ramstad '68BA



William D. Gasway '54BIE



Betty Barnhart Clapp '63BA



John W. Mooty '43BA '44LLB



New Association leadership longh experience, enthusiasm

The nine individuals introduced in this article have agreed to serve four-year terms on the Minnesota Alumni Association's board of directors. The first five will serve regular terms and the latter four terms as at-large directors.

The general membership will be asked to vote on this slate at the Annual Meeting during Minnesota Alumni Night on June 4.

Members of the Minnesota Alumni Association's Nominating committee included chairman Thomas H. Swain '42BBA, Margaret Fenske Arneson '54BSHE, M. Elizabeth Craig '43BS '45MD, Fredrick J. Dresser '55AA, George T. Pennock '34BBA, Alan K. Ruvelson, Sr. '36BBA and Wallace E. Salovich '50BBA '56MHA.

Betty Barnhart Clapp

An active Alumnae Club leader and current University of Minnesota student, Betty Barnhart Clapp (Mrs. Edward) '56BA, Saint Paul, returned to the Minnesota campus in 1975 to continue her studies in ceramics and fine arts and work as a teaching assistant for the Studio Arts department.

Alumni activities on campus involve her in the Student Affairs committee. Betty is the immediate past president of the Minnesota Alumnae Club.

A well-known Twin Cities volunteer, she headed the Second International Conference of Opera Volunteers hosted by the Saint Paul Women's Opera Guild and later served the Opera Volunteers on its board and as a regional director.

Presently Betty coordinates the education program for the Saint Paul Opera Women's Guild and is maintenance chairperson for Kappa Kappa Gamma Sorority. A former Junior League officer, she has worked as a school volunteer, and in promotion and fundraising for the Minnesota Orchestra, Minneapolis Institute of Art, Minnesota Museum of Art, Metropolitan Opera Regional Auditions and her political party.

She and her husband, who has BSL and LLB degrees from Minnesota, have three children.

David Mona

David L. Mona '65BAJourn, Edina, Minnesota, became director of corporate communications for International Multifoods Corporation, Minneapolis, in 1973. He had joined the diversified food processing and marketing company three years earlier as a member of its public relations staff.

A magazine-style annual report he produced for Multifoods has won a "Best of Industry" award from *Financial World* magazine, and he has edited a copyrighted public relations pamphlet, "Working With the News Media."

Following graduation from Minnesota, Mona joined the news staff of the *Minneapolis Tribune* as a general assignment reporter and received a number of Newspaper Guild Page One awards. In late 1969 he was associated with Lutheran Brotherhood's Public Relations staff as public information manager.

While an undergraduate, Mona spent three years with WCCO-TV as a reporter and editor, and was sports editor for both the *Minnesota Daily* and the *Gopher* yearbook.

Active in alumni affairs, he is immediate past president of the School of Journalism & Mass Communication Alumni Society. Dave also serves as a director of the Patty Burg Fund, as chairman of the Sports and Attractions committee of the Greater Minneapolis Area Chamber of Commerce and as vice chairman of the board of Realizations, Inc., which does business as *MPLS* magazine.

He and his wife Linda have two sons.

Richard Quinlivan

A University of Minnesota Law School graduate who received his BSL in 1949 and LLB in 1951, Richard R. Quinlivan is a member of the St. Cloud, Minnesota, law firm of Quinlivan and Williams.

He has been a board member of the Law School Alumni Society and served for 12 years, until 1975, on the Board of Governors of the Minnesota State Bar Association.

A Fellow of the American College of Trial Lawyers, Dick was the first president of the Minnesota Defense Lawyers Association and has held membership for a number of years with the International Association of Insurance Counsel, Association of Insurance Attorneys and National Association of Railroad Trial Counsel.

Twice president of the St. Cloud YMCA, he has been a treasurer for the Minnesota Junior Chamber of Commerce and National Agriculture chairman of the U.S. Junior Chamber of Commerce.

He is married and has four children, two of whom are attending St. Olaf College in Northfield, Minnesota.

Barbara Thornton Lockwood

Following graduation with a bachelor's degree in Foods in Business from the University's College of Home Economics, Barbara Thornton Lockwood (Mrs. James), Bloomington, Minnesota, began a career in the Home Service Center of The Pillsbury Company. After successive promotions, she was named Ann Pillsbury and director of the Consumer Service Kitchens in 1967. She held this position until 1970 when she resigned to start her own consultant firm, Barbara R. Thornton Associations, which serves clients locally and nationally in all phases of food-consumer marketing.

Barbara is named in the 1969-70 *Foremost Women in Communications* and in 1970 was honored as one of "The Two Thousand Women of Achievement" in the world.

A member of the American Home Economics Association, she is a past president of the Institute of Food Technologists, has served on the board of the Colleges of Agriculture, Forestry & Home Economics Alumni Society and on the Faculty Alumni Awards committee for the College of Home Economics. She is currently a delegate at large advisor to the Institute of Agriculture, Forestry & Home Economics.

Barbara is named in the 1969-70 *Foremost Women in Communications* and in 1970 was honored as one of "The Two Thousand Women of Achievement" in the world.

David Young

A Social Work supervisor in the Family Counseling Services division of the Hennepin County Welfare department, David D. Young '70MSW, Minneapolis, is a past president of the Social Work Alumni Society.

He is presently treasurer of the Minnesota chapter of the National Association of Social Workers.

David has taught at the University of Minnesota and Washington University's George Warren Brown School of Social Work in St. Louis, Missouri. He is an active member of the Urban League, the NAACP and other civic and professional groups.

METRO/Fredrick Dresser

Fredrick J. Dresser '55AA, Minneapolis, vice president and assistant to the president of Midwest Federal Savings & Loan Association since 1966, previously was associated with Sperry Univac as manager of the Univac Data Processing Center.

Fred has a distinguished record of civic leadership in the Twin Cities that has touched his home community, charitable organizations and alma mater — and garnered University of Minnesota Alumni Service and General College Outstanding Alumnus awards.

A board member of the Minneapolis Aquatennial Association, he is vice commodore of the Public Relations di-

vision. He is also Minnesota State Standing Crusade chairman for the American Cancer Society, an area director of United Way and board member of the National Ataxia Foundation.

Fred was the first president of the General College Alumni Society and has served on the University's Homecoming committee since 1970. A past president and board member of Sertoma International, he is 1977 Mini Festival chairman for the Minneapolis Downtown Council, and active with the Minneapolis Chamber, Boy Scouts of America and the Golden Valley Lutheran Church.

Professionally, he has been president of the Minneapolis chapter and active in officer roles with the National Association of Accountants.

He and his wife have four children.

MIDWEST/William Gasway

President of J. P. Gasway Company, Inc. a wholesale distributor of paper goods and printing supplies in Eastern Iowa, William D. Gasway '54BIE, Cedar Rapids, holds membership in the National Paper Trade Association, the Cedar Rapids Rotary Club, and the Masons, Consistory, Shrine and Elks.

Bill is a former board member of the United Community Fund, the Cedar Rapids Symphony Orchestra and the Hawkeye Area Boy Scouts.

He spent two years on active duty as an Air Force Production officer and in the active reserve, separating from the USAF with the rank of captain.

Bill and his wife Harriet, a 1953 Minnesota graduate, have two teenage sons.

METRO/John Mooty

John W. Mooty '43BA '44LLB, who has practiced law in Minneapolis since graduation, is a partner in the firm of Gray, Plant, Mooty & Bennett. He is also chairman of the board of International Dairy Queen, Inc.

John holds memberships in the Hennepin County, Minnesota and

American Bar Associations.

He is a member and vice chairman of Rotary Club, and a member of the Minneapolis Club and Interlachen Country Club.

John is married to Jane Nelson Mooty, a College of Education graduate.

AT-LARGE/James Ramstad

James M. Ramstad '68BA has practiced law privately in Washington, D.C. since 1973. He is also an adjunct professor in The American University's School of Government and Public Administration. Jim received his JD degree with honors from The George Washington University National Law Center in 1973.

He served as administrative assistant to Speaker L.L. Duxbury and Majority Leader Aubrey Dirlam in the Minnesota House of Representatives in 1969; as director of research for U.S. Congressman Thomas S. Kleppe of North Dakota in 1970; and as an investigator for the Public Defender Ser-

vice, District of Columbia, from 1971-72.

Currently president of the University of Minnesota Alumni Association's Washington, D.C. chapter, Jim was a senator in the Minnesota Student Association while on the University campus, as well as president of Phi Delta Theta fraternity, vice president of the Interfraternity Council and a student member of the Senate committee on Intercollegiate Athletics.

He is single.

David L. Mona '65BAJourn



CLA alumni society gives three teaching awards

Three University of Minnesota faculty members received the College of Liberal Arts (CLA) Distinguished Teacher Award during a ceremony on April 29 in the Campus Club, Coffman Union.

Leonard Bart, an associate professor of speech and broadcasting, Stanford E. Lehmberg, whose specialty is English history, and Charles E. Speaks, professor of communication disorders, received the citations following the Annual Dinner Meeting of the College of Liberal Arts & University College Alumni Association.

Awards of \$400 each are made by a student-faculty selection committee on the basis of nominations by hundreds of students and faculty members. Since the program was instituted in 1961, more than 40 men and women who teach in the College of Liberal Arts have been honored.

Bart has been a member of the Department of Speech-Communication since 1961. A specialist in broadcast production, he has directed, produced and appeared in a number of

KTCA-Channel 2 and other television productions.

Lehmberg, a professor of history, joined the History department in 1969, coming from the University of Texas. He is known as a scholar in English history and in aspects of religious history. Lehmberg has edited one book and authored three, as well as scores of articles.

Speaks came to Minnesota in 1968 after serving on the faculties of the University of Michigan and Baylor University. He has been director of graduate studies for the Department of Communication Disorders and has worked with a score of national committees and associations in areas of speech and hearing science.

Following the dinner and awards presentation, CLA-UC alumni and guests heard a brief presentation by Charles Nolte, professor of theatre arts, before attending the play, "Hedda Gabler," which Nolte directed. The play was performed by a University Theatre company in the Rarig Center on the Twin Cities West Bank campus.



Activities of Interest to Alumni

MAY

- 19 School of Journalism & Mass Communication Alumni Society Annual Meeting, Town & Country Club, Saint Paul
- 20 Minnesota Alumni Club T.G.I.F. Party, Ski-U-Mah Lounge, with The Bob Bennetta Trio* (Club members only)
- 21 College of Pharmacy Alumni Society Annual Meeting, Northstar Inn, Minneapolis
- 23 Class of 1937 Forty-Year Reunion (evening only), Minnesota Alumni Club, Minneapolis

JUNE

- 3 Detroit (Mich) Area Minnesota Women's Luncheon, Mrs. Wesley Schweider, Bloomfield Hills, hostess
- 4 Minnesota Alumni Association Annual Alumni Night, Radisson South Hotel, Bloomington, Minnesota
- 6 Class of 1927 Fifty-Year Reunion (all-day), Twin Cities campuses and Minnesota Alumni Club, Minneapolis
- College of Education Reception for 1927 Graduates, 10-11 a.m., Burton Hall, Minneapolis campus
- 7 Medical Foundation Luncheon for 1927 Medical Graduates, noon, Campus Club, Coffman Memorial Union, Minneapolis campus, with old-time faculty members and Dean Neil Gault, followed by tour of Health Sciences facilities (advance reservations)
- College of Home Economics Reception for 1927 Graduates, 2 p.m., McNeal Hall #22, Saint Paul campus, with Home Economics students and mini-tours of Goldstein Gallery and other areas
- 15 College of Business Administration Century Council Luncheon, Minnesota Alumni Club, Minneapolis

(*Specially selected entertainment by University of Minnesota students)

Regents award MPIRG two-year contract

By Kim Downing '80

The University of Minnesota Board of Regents made a decision on May 13 that some believe will significantly affect a vital organization — the Minnesota Public Interest Research Group (MPIRG). The regents voted 8 to 3, with one abstention, to renew the negative checkoff funding system that MPIRG presently uses, rather than opting for a new positive or neutral mechanism.

The current method provides a space on the fee statement which the student must check if he or she objects to the addition of the MPIRG dollar. A refund may also be obtained later in the quarter if the student's opinion has changed.

The positive checkoff would have required the student to check "yes" for the inclusion of the MPIRG fee and a neutral system would have listed MPIRG on a separate computer card.

All three systems attracted varying opinions before the regents' decision from a complicated statewide network of individuals and groups touched by MPIRG. One such group, new in MPIRG's history, was recently formed on the Twin Cities campus. It originated on March 4 when seven University faculty members met with Jon Motl, MPIRG's administrative director. One month later the committee's existence was announced at a press conference held on the steps of Morrill Hall.

"We felt that there should be some sort of indication of MPIRG support on the part of faculty", said Professor Herbert Wright, director of the Limnological Research Center and one of the new group's founders.

Their support was enthusiastically received by MPIRG: "It's quite courageous," Motl remarked. "The faculty is taking a stand from which they have nothing to gain."

Most of the support committee's founders are also active individually in a variety of contemporary movements, among them, women's rights, legal rights, toy safety, utility rate structure and preservation of the Boundary Waters Canoe Area (BWCA) wilderness.

Wright describes his committee as "ad hoc", formed for the specific purpose of attaining a two-year contract for MPIRG.

A petition advocating the renewal and retention of MPIRG's negative collection system was circulated among University professors. It stated: "Specifically, we believe that MPIRG supplies needed information to Minnesota students and citizens, that it provides needed alternative viewpoints in the courts and legislature and, above all that students, through MPIRG, perform competently and grow as citizens."

"There had to be enough of us who cared for something to happen," explained Rodney Loper, professor of psychology and another responsible for the faculty committee's formation. Within one week the founders received 800 positive responses. (The University employs approximately 4,348 full-time academic staff.)

Through its petition, the committee hoped to direct favorable publicity for MPIRG to the Regents. "I don't expect that we are going to be the crucial factor in their decision, but we are part of broader campus support," Loper said. "There will be some last minute, heavy lobbying on the other side, but I don't think MPIRG's request will be refused."

It wasn't when the Regents granted MPIRG a two-year renewal of its contract.

Loper's committee stressed the importance of MPIRG's accomplishments, not only on campus, but throughout the state. "The whole principle of a public interest organization is a fine one to follow," Wright said. "In the modern American system, the public often does not have an advocate in the media or in the courts."

Public advocacy is basis of MPIRG's activities

MPIRG's staff has been formed to be that kind of a public advocate. Their legislative lobbying force numbers 70 and their BWCA task force of 50 is credited with the collection of 7,000 signatures for Minnesota Representative Donald Fraser's bill to preserve the BWCA.

"MPIRG as an organization touches thousands of students in the University system in a variety of ways," Motl said. It presents a "unique educational opportunity" through public debates and forums, classroom appearances by staff members, rallies, an internship program for 60 students each quarter and dozens of publications. MPIRG's *Tenants' Rights Handbook* is a best-seller at 17,000 copies.



HERB WRIGHT, Regents' Professor and director of the Limnological Research Center, helped found the faculty group which supports MPIRG and its work on the Twin Cities campus.

Support for MPIRG's research program, along with its current method of fee collection, is extensive at both state and local levels. Advocates include Senator Wendell Anderson, State Treasurer Jim Lord, University Vice President Frank Wilderson, the *St. Paul Dispatch & Pioneer Press*, the Minnesota Women's Center, Newman Center, the Minnesota Pollution Control Agency and the Minnetonka-based Electro-General Corporation.

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THE NEGATIVE CHECK-OFF system on student fee statements which the University uses to fund the Minnesota Public Interest Research Group (MPIRG) is seen in the shaded area above. MPIRG representatives claimed that any change in the system would have weakened their organization financially.

Herbert C. Johnson, president of Electro-General wrote, "I can't imagine a more cost-effective advocacy for our citizenry than MPIRG has provided."

On the local level, Motl sees three areas of student advocacy: student government, student groups and from students themselves. Currently the Twin Cities Student Association (TCSA) supports MPIRG. In 1975, TCSA effectively opposed the organization, contributing to the Regents' decision to grant MPIRG only one year contracts. This, Motl explained, was due to "an unfortunate situation where MPIRG people were not communicating with

TCSA people. But that's all in the past."

Karen Olsen, past student body president, joins TCSA in its recommendation of a two-year contract for MPIRG.

University Professor Herbert E. Wright, Jr., has been elected to membership in the National Academy of Sciences (NAS). A Regents' Professor of Geology, Ecology and Botany, he was one of 60 researchers elected to the Academy this year.

NAS membership is one of the highest honors given to American scientists and engineers. Wright's election brings to 12 the number of University faculty members who are NAS members.

Others are John Borchert, Bryce Crawford, Jr., Leonid Hurwicz, Alfred O. C. Nier, Edward P. Ney, and emeritus faculty members I. M. Kolthoff, William J. Luyten, Elvin C. Stakman, Maurice B. Visscher, Owen H. Wangensteen and Cecil J. Watson.

According to Motl, 28 student groups support MPIRG, including the Coffman Board of Governors, the Interfraternity Council, the College of Biological Sciences Student Board, the Law School Council and the Student Intermediary Board. These organizations are bolstered by individual student voices. During the 1976-77 academic year, 75% of the students enrolled on the University's Twin Cities campus paid the MPIRG fee, while only 25% refused.

Opposition often loudest from northeastern Minnesota

MPIRG also attracts its share of opposition. The University of Minnesota-Duluth's (UMD) Student Association is dissatisfied with the negative collection method and recommends a positive or neutral checkoff mechanism instead. Professor Wright and MPIRG officials do not believe that the UMD Student Association represents the majority opinion of Duluth campus students. When local MPIRG board members circulated petitions on that campus in late March, they were supported by 50% of the student body and collected 3,047 signatures in two days.

"As long as the Regents look at how students are voting with their dollars, Duluth poses no threat to MPIRG," Loper asserted.

The *Duluth News & Tribune* also favors a neutral or positive method of collection, adding the argument that negative collection is "passive" and relies on student apathy. Motl disagrees. "That statement has generally been made by non-students. Students overwhelmingly support the present fee system."

Loper concurred. "The fact that every student isn't involved in MPIRG is no discredit to the organization. MPIRG funding does not rely on apathy. It's a built-in mechanism to help busy students," he said.

University students contribute about \$120,000 of MPIRG's annual \$160,000 budget. "Because it has a strong financial base, MPIRG is a strong organization. A change to any other system would weaken the organization," Motl said.

The MPIRG fee is the only optional one out of the combined \$51.50 student services bill that is listed on University of Minnesota student's fee statement. It is, because of its printed definition, the fairest student fee because students can refuse to pay it, Motl said.

An independent poll done by Student Life Studies underscores MPIRG support: Study Director Ron Matros noticed a "coincidentally high similarity between those who support MPIRG (approximately 75%) and those who pay the MPIRG fee (75%)."

Other outstate opposition to MPIRG's method of fee collection is evident in a petition from the Northeastern Minnesota Environmental Economic Council of Silver Bay. The petition states, "We feel their (MPIRG's) erratic behavior towards the economy in the state of Minnesota is and will continue to be a detriment to all Minnesota citizens."

Some northern Minnesota timber and agribusiness companies join Silver Bay in its dissatisfaction with MPIRG. "You don't have to look very hard to find the motivation behind their dissatisfaction," Motl said.

Two Saint Paul campus professional col-



JON MOTL, MPIRG's administrative director, was optimistic that the Board of Regents would approve the negative check-off system used by his organization to receive funding from University students.



RODNEY LOPER, University psychology professor, said that faculty support and the petition they presented to the regents, though not a crucial factor in the regents' decision to continue MPIRG's negative check-off system, was a broader part of important campus support.

leges bring the opposition closer to home. The student councils of the Veterinary Medicine and Forestry Colleges voted nearly unanimously against the negative collection system. The other three Saint Paul campus colleges, however, support MPIRG.

It was difficult to predict before the May 13 vote if MPIRG's supporters, including the newly-formed faculty group, would be successful in their attempts to attain a two-year contract for the organization. "There is no question in my mind that students as a whole support this organization," Professor Wright said.

One bargain left for today's hard-hit public schools

By Jeannie Hanson

Recently, the media have made us increasingly aware that today's schools are running out of students. But, because of inflation tax problems, they are running out of money even faster.

As finances become tighter and the number of teachers dwindles, less money and staff time are available to develop new courses and approaches to teaching. This phenomenon is occurring when better teaching methods are needed for everything from reading and math to environmental issues and special programs for the handicapped.

Through a cooperative program, the University is offering Minnesota schools a special bargain, one that can amount to \$100 worth of nationally selected school curriculum projects for every \$1.00 invested by the school.

These projects are available from the Minnesota Facilitator Project (MFP) of the Teacher Center, a venture the University of Minnesota's College of Education is undertaking with the Minneapolis public school system.

MFP offers some 200 curriculum projects, formulated in Minnesota and nationally, for school use. Sixteen of the projects, developed by Minnesota educators, have been "validated" by national teams of educators as successful, cost-effective and appropriate for most schools, said Diane Lassman, MFP director.

Money is also available to help schools learn how to use the curriculum projects. MFP utilizes federal funds to match those invested by individual school districts to pay for the time teachers spend away from teaching while they learn how to use the new material.

In addition, the project gives some financial support for necessary teaching aids and can help school staff people write proposals for more money, said Ellen Meier, assistant project director.

These funds, from the Minnesota Department of Education's federal grants, are not as hard to get as many grants are, Lassman said. Out of 41 applications submitted in the past year, 22 were approved. The average grant award was \$5,000, but some were as high as \$10,000 for complicated projects, such as establishing alternative schools or health screening programs for pre-school students.

MFP's role is to help schools having few resources get in touch with other schools that have done something exceptionally well, and to provide enough additional money to help them adopt the programs themselves, Lassman said. The actual explanation of new curriculum programs is done by the people who developed them and who can show how they worked for their students — in Minnesota, California, New Jersey, Utah or wherever.

Curriculum projects available for adoption from states other than Minnesota number over 150, Lassman said, and include a right-to-read program, a drug-abuse prevention program, a pollution control course, a Saturday school for parents and pre-schoolers, alternative schools, a learning disability curriculum and a Home Start program (which is similar to Head Start, but trains parents to work with their own babies and toddlers).



FILMMAKER Allen Downs at work

The Minnesota projects are varied, too, according to Lassman and Meier. There are programs for handicapped children, alienated high school students, students with learning disabilities, and pre-schoolers and their parents. Others range from "futuristics" to art to world religions. Still others are organizational models for open schools, evaluation of teachers, paired schools for integration, year-round schools and neighborhood visit programs. The programs use methods ranging from computer monitoring of student progress to individualized tutoring.

A key advantage to such a shared curriculum approach is that individual school districts can avoid expensive trials and errors in developing curriculums suitable for their students, Meier said.

California Alumni Lodge open to Minnesotans

Again this year, through the Minnesota Alumni Association, the University of California-Riverside Alumni Association's travel lodge is available to Minnesota alumni, as part of a summer program that involves only alumni of U.S. colleges and universities.

The Alumni Lodge is centrally located for alumni visiting Southern California.

Disneyland, Knott's Berry Farm and Lion Country Safari are within 35 minutes of the lodge. Los Angeles, the mountains, beaches and desert are about 45 minutes distant, while Palm Springs, San Diego and Hollywood are also nearby. The lodge offers low-cost rates and comfortable accommodations, from June 21 until September 1, including private suites and apartments, some with cooking facilities. Tennis and volleyball courts, a swimming pool sauna and weight room, barbecue area, laundry facilities, recreation room, sandwich shop and gifts shops are also available.

One week's accommodation costs \$3.72 per person per day for a family of four, and prices decrease if there are more in a party.

Additional information is available from The Editor, Minnesota Alumni Association, 2610 University Avenue, Saint Paul, Minnesota 55114.

Filmmaker Downs returns to Mexico

Award-winning filmmaker and University Professor of Studio Arts Allen Downs will retire in June and return home, with his wife and 10-year-old daughter, to Tlaxiaco, Oaxaca, Mexico, where he hopes to spend everyday working on his art.

Downs joined the University staff in 1949 as a drawing, design and photography instructor, working through the professorial ranks until he was named a professor in 1960. The director of the National Science Foundation's Films College Geometry Projects, 1964-68, and the American Film Fest awards for 1967-68, he chaired the University's Studio Arts department from 1970-72.

His first film award, a Screen Producers Guild second prize in 1952 for *Art and Seeing*, was the beginning of many awards for Downs, among them a Guild first prize and Belgian World Fair and Uruguay International Festival showings for *Swamp*, a London Film Festival first prize for *Pow Wow* and the Independent Film Makers Festival first prize for *Flight of the Teal*.

He produced Coronet Films *Mexican Art* in 1967 and has participated in collegiate workshops on film and drawing.

Downs has also been recognized for his watercolors and photographs, holding one-man shows at the Universities of Colorado, Iowa and Missouri and Kansas State College, as well as in private galleries.

His colleagues, students and friends will hold a special reception for him in the Coffman Union Library, Minneapolis campus, on June 4 from 1:30 to 5:00 p.m. That same day, films that Downs produced with some of his former students, will be shown at 8:00 p.m. in the West Bank Union, Room 125. Admission is \$2.00.



UNIVERSITY PRESIDENT C. Peter Magrath, left, presented the Regents' Citation naming Willey Hall to Malcolm Willey's widow Dolores, his son Anil and Lorrie Willey, recognizing the former vice president's achievements and the pleasant memories all those who knew and worked with him share.

West Bank building becomes Willey Hall

The Auditorium-Classroom building on the University's West Bank campus was named for the late Malcolm M. Willey, who served as a University vice president for 20 years, during dedication ceremonies on April 29.

Approximately 50 friends of the man who pioneered the University's expansion to the West Bank attended the dedication which took place on the terrace on the east side of the building.

Willey's 12-year-old son Anil and his widow, Dolores, along with her daughter Lorrie, came from Maryville, Tennessee, to receive the special Regents' Citation naming Willey Hall (pronounced Willy).

Among the speakers introduced by emcee Robert Ross, acting director of the West Bank Union, were Regent Emeritus Lester Malkerson who was on the board when Willey was vice president, Gordon Starr, director of planning for Minnesota Unions and a personal friend of Willey's, and University President C. Peter Magrath.

Other special guests included Carl Nelson, the first director of the West Bank Union, and Mrs. William T. Middlebrook, widow of the former University vice president for business who was a close friend and associate of Willey's.

The Regents' Citation read, in part: "Malcolm Willey was the University of Minnesota's first vice president for academic administration, joining the University's staff in 1927 and retiring 36 years later . . . He was a talented administrator whose deep

concern for the members of the University community prompted him to speak out forcefully and perceptively on the importance of academic freedom in the pursuit of truth and knowledge. He put his words into action by drafting the first faculty tenure code and by taking steps to insure that students, as well as staff members, served on policy-making committees. The strong support that he gave to the Union Boards on this campus helped bring together student, staff faculty and alumni in a sharing of responsibilities.

Dr. Willey's keen appreciation for the arts led him to devote special efforts to create the University Gallery and the University Press, which have proven abundantly the value of his endeavors. Not least among his contributions to this University was his active promotion of the University's expansion to the West Bank, where now a building is named to honor him.

Dr. Willey's friends and colleagues knew him also as a warm individual and family man. His boundless energy and good humor were contagious. Whether he was giving one of his many speeches to a community organization, writing one of his many letters to this state's newspaper editors, or engaging in his favorite hobby of bird watching, his exuberance and zest demonstrated his enjoyment of life. . . .

Malcolm Willey became vice president for academic administration in 1943, retiring in 1963. He died in 1974 in Maryville at the age of 76.

Enrollment deadline changed to July

The University of Minnesota has returned to a July 15 application deadline for students planning to enroll in fall quarter classes in the College of Liberal Arts (CLA) and the General College on the Twin Cities campus and in undergraduate collegiate units on the Duluth campus.

Last year the University changed the deadline to April 15 in anticipation of a record fall enrollment which did not reach predicted levels. The need for an early application deadline for fall in 1978 will be evaluated next year and a decision will be made by November 1.

University officials estimate that enrollment next fall will come close to enrollment projections of 17,900 in CLA, 3,100 in General College and 6,350 in the Duluth undergraduate programs.

Campuses at Crookston, Morris and Waseca accept applications beyond July 15.

Twin Cities units with earlier application deadlines include education, with an April 1 deadline for selected majors; medical technology, occupational and physical therapy, pharmacy and graduate dental hygiene program, April 15; architecture, May 1; dental assistant program, May 1 for priority consideration; and

biological sciences, May 15 for priority consideration.

Some fields of study in the Graduate School also have early deadlines. The Medical School and School of Dentistry have deadlines in the fall for admission the following year, and there is a March 1 deadline for fall admission to the Law School and School of Nursing.

Anatomy head named

Dr. David W. Hamilton, associate professor of anatomy at Harvard Medical School, has been named professor and head of the Anatomy department at the University's Medical School, Minneapolis.

A member of Harvard's Laboratory of Human Reproduction, Hamilton is the Lawrence J. Henderson Professor of Health Sciences and Technology. He is also an associate professor in the Harvard-Massachusetts Institute of Technology Joint program in Health Sciences and Technology.

Hamilton, 41, graduated from Harvard and earned a master's degree from the University of Kansas in 1960 and a PhD from Cambridge University, England, in 1963. His early research was in neurosciences, and his current studies involve investigations of membrane characteristics and their effects on reproductive biology.

Coach's "sand castles" are winners

By Dave Shama '68BA

There have been times when Fred Roethlisberger felt he was building "sand castles" during his seven years as Men's Intercollegiate gymnastics coach.

Roethlisberger "has worried like hell" over the nonrevenue sport he coaches and whether or not it will remain an intercollegiate activity at the University. Scholarships are scarce (limited to six), an assistant coach is a luxury which he does without and a major disappointment is not being able to build "a public audience."

Yet Roethlisberger's record is one of achievement and compares favorably with the best eras in Minnesota's gymnastics. In 1972 he coached the Gophers to a surprising third-place finish in the Big Ten and his fellow coaches voted him Midwest Regional Coach of the Year. Last year the Gophers won the Big Ten title and finished fifth in the NCAA tournament. Ditto in 1977.

The 1976 Big Ten title, incidentally, was Minnesota's first since 1949. The University has never won an NCAA gymnastics championship.

The conference gymnastics coaches expected the Gophers to take the 1977 Big Ten

championship, which was held in Williams Arena. The Gophers had a 15-point lead after the first day's competition and eventually won the meet by 17 points. And the entire Gopher team qualified for the NCAA national tournament because the Gophers scored 422.75 points.

Tim LaFleur was the outstanding performer in the Big Ten meet. He repeated as the conference's all-around champion, and also won the still rings and high bar competition.

"Tim won three of the seven events in which he competed," Roethlisberger praised. "He dominated the Big Ten meet."

After the meet, the Gophers faced final exams before the national competition in Tempe, Arizona. This exam period took its toll. When the team arrived in Tempe it wasn't as ready as Roethlisberger had hoped.

"The other teams that competed were on vacation before coming to the national tournament," he said. "It was hard for us to focus in on the nationals. The first day of the meet we just didn't have the adrenalin. Our intensity just wasn't what it should have been."

The Gophers perked up during the second day of the meet. And their comeback helped them to a fifth-place finish behind Indiana State and Oklahoma (co-titlists), Southern Connecticut and Oregon.

None of the Gophers placed in individual competitions. LaFleur finished seventh in the parallel bars and Peter Velguth was one-thousandth of one point short of placing in the top six in the still rings.

Roethlisberger credited the team's specialists with its success. "Last year it was the all-arounders who carried us," he said.

These specialists included Bob Waldron and Bob McHattie on the horse, Velguth and Tim Baardson on the rings, Reid Gysland on the horizontal bar and Curt Adams, Big Ten champion, in floor exercise.

The Gophers' best all-arounder behind LaFleur was Jay Lowinske. However, injuries and illness kept Lowinske from performing in all but four meets during the season. "Jay is the only kid in the Big Ten who could challenge LaFleur," Roethlisberger said.

Their coach would like to develop both young men into world class gymnasts. LaFleur and Lowinske would be his first products to reach such a level.

Roethlisberger, who competed at the University of Wisconsin, placed first in the all-around at the 1967 Pan American games. The next year he was on the U.S. Olympic gymnastics team.

LaFleur, Lowinske and all of their teammates, except Adams, will be back next season.

In addition, Roethlisberger expects the team to be strengthened by the freshmen who developed quickly toward the end of the past season.

When asked about Minnesota's prospects for a national title, Roethlisberger noted that Oklahoma will return many of its key performers, a fact which impresses the Gophers. "We have to change any thinking that we can't beat Oklahoma," he said.

Roethlisberger believes his gymnasts can always improve. "The nature of gymnastics is such that no matter how well you do, you can always get more out of yourself in the next meet," he explained. "Gymnastics here exists at a high-intensity level. It is part of our athletes' lifestyle, their daily rhythms."

Photo by Wendell Vandersluis



TIM LaFLEUR, outstanding performer at the 1977 Big Ten Gymnastics meet, was the conference's all-around champion for the second consecutive year and also won the still rings and high bar competition.

PETER VELGUTH was one-thousandth of a point from placing in the top six in the 1977 NCAA still rings competition.

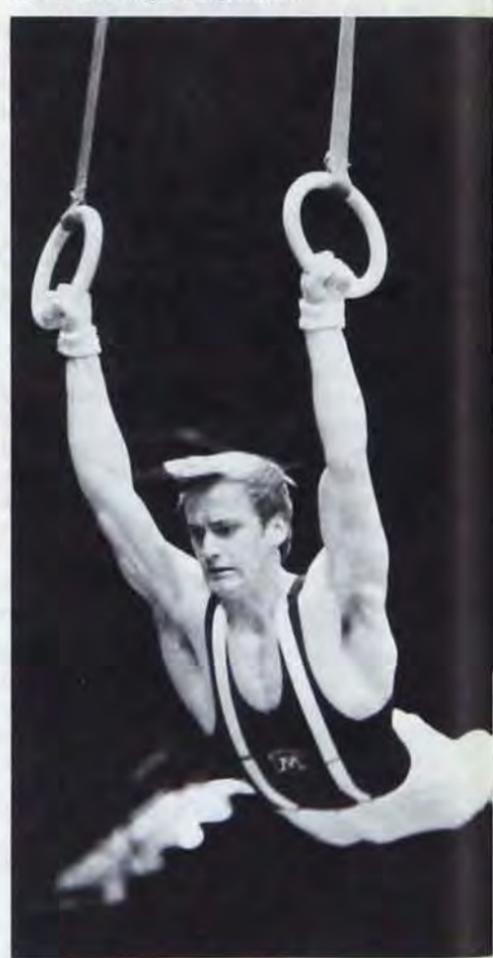


Photo by Dave Shama



Gymnastics Coach Fred Roethlisberger

Dutcher announces Thompson will play

Basketball Coach Jim Dutcher announced on May 17 that the Gopher's star center, Mike Thompson, would remove his name from the National Basketball Association's hardship draft list and return to the University to play his senior year with the Gopher team.

The All-American said that he owed the University something for the court battles fought for him over the past two years. He is one of three players who have been involved in a University suit against the National Collegiate Basketball Association (NCAA) alleging the denial of due process for student-athletes.

The University filed the suit after the NCAA placed all Minnesota's Men's Intercollegiate athletic teams on indefinite probation when the institution refused to declare the three basketball players ineligible. A final court decision on the matter is expected to late summer.

An earlier NCAA penalty, prohibiting post-season play for the Gopher basketball team, will expire in time for the team to join the coming season's national championship competition, should they qualify.

The Gophers finished second in the Big Ten last season and area sportswriters are already calling the team a national contender with Thompson's return.

Baseball Gophers headed for another national title

While Twin Cities area sportscasters are predicting yet another national championship for a Siebert-coached Minnesota team, the 1977 baseball Gophers are living up to their press. Lusty hitting and stingy pitching have given the Gophers eight consecutive non-conference wins and sole possession of the 1977 Big Ten title as the *Minnesota Alumni News* goes to press.

Ohio State, previously undefeated in Big Ten action, dropped three of four outings to Michigan and Michigan State at home to first make Minnesota the league leader with a 10-2 record. The Gophers strengthened their lead on May 14-15 when they won both ends of doubleheaders with Indiana and Ohio State at Bierman Field. They split the double header on May 21 at Iowa, to wind up the Big Ten season.

Minnesota is 35-10 in the win-loss columns

for all games played this season, has won 23 consecutive home games and 33 of their last 36 outings.

In their four wins against Wisconsin-Stevens Point (2-1, 8-7) and Wisconsin-LaCrosse (14-0, 7-2), the Gophers were led by the red-hot bats of catcher Tom Jagiela and center fielder Tom Mee. Both men rapped out seven hits in 12 appearances at the plate. Jagiela scored six runs and knocked in five, while Mee's totals were three and three. Jagiela's season batting average jumped from .314 to .354 and Mee's from .320 to .348 during the Wisconsin games.

All-American junior shortstop Paul Molitor cracked a three-run homer against Wisconsin-Stevens Point in the second game to give him six on the season and the tie for the Minnesota school record for home runs. This homer was his 18th, equaling the record set by

Jack McCartan, later of U.S. Olympic and World Hockey Association goal-tending fame, in 1956-57-58.

"Molly's" next round-tripper will set an all-time Minnesota record. He is currently tied for the 1977 team title in the home run department with left fielder Jeff Neutzling.

In the two home games against St. Olaf on May 11, Molitor smashed the Minnesota record of most career RBI's (87) set by Mike Walseth in 1969.

Head coach Dick "Chief" Siebert, in his 30th year at Minnesota, has won 11 Big Ten titles and 3 NCAA championships since he took over 1947. He is one of three college coaches to have won 700 games, according to a Minneapolis sports columnist.

Now he has a chance to win another national championship.



Sophomore pitcher Vicky Swanson is fierce female three-sport competitor

By Dru Hancock

Playing at the varsity intercollegiate level in three different sports is no minor accomplishment, particularly for an underclassman. Yet, University sophomore Vicky Swanson has spent a minimum of two hours every day for the past eight months either practicing or competing for one of three Gopher athletic teams.

Vicky, an enthusiastic sports advocate, participates on the women's varsity volleyball, basketball and softball teams. Currently, she is the #1 pitcher on the Gopher softball team and will be an important factor in the squad's success in future state and regional tournaments.

Twenty-one-year-old Vicky decided to attend the University after two years at Northwestern College. Strangely enough, athletics wasn't the reason for her transfer; in fact, Vicky wasn't even sure she'd make the team. "I'd thought about competing, but I wasn't counting on anything," Vicky says.

Fortunately for Coach Linda Wells, Swanson expressed an interest in softball. Next year she might forsake volleyball in order to spend more time on her basketball and softball skills.

Wells calls Swanson "one of the most important members of the team."

"Vicky has improved so much in only two

months that we really look to her for the big win," the coach said. Swanson boasted a 4-1 personal record in the Gophers' overall 8-3 mark, her only loss occurring in the Big Ten Tournament against Indiana University, before May's MAIAW Tournament play.

The Gophers successfully defended their MAIAW state title, but placed seventh in regional play, denying them a return trip to the College World Series in Omaha, Nebraska, May 25-28. For the first time state winners had to compete in a regional tournament to qualify for the national event. Region 6, in which Minnesota plays, includes some of the toughest teams in the country, among them Nebraska-Omaha, University of Northern Iowa and Luther College.

A physical education major, Vicky plans to coach after graduation, partially because of the positive feelings she has towards her current mentors. "I've played sports since I can remember, and the coaching here is the best I've ever received," she said.

Vicky also has some thoughts on the University's program for women: "I've seen great improvement just since I've been here. I don't really enjoy pressure, but I like to compete . . . and the only reason I go through all the work that's involved is because I love it."

Golden Gophers may play Cuban cagers

When a group of Minnesota businessmen traveled to Cuba in late April to discuss trade possibilities between this state and the island nation, one of them, Cornell Moore, a Minneapolis attorney and husband of University Regent Wenda Moore, carried a letter from University President C. Peter Magrath to Premier Fidel Castro encouraging the Cuban leader to send a basketball team to play the Gophers this fall.

In earlier conversations with the Cuban premier, Midwestern congressional leaders had raised a similar possibility with Castro, who seemed receptive to the idea.

Moore presented Magrath's letter to a Castro aide and was told that the Cubans will respond as soon as possible.

Castro said in a speech that he saw no difficulties in allowing Cuban teams to leave the country, the April 27 *Minnesota Daily* reported. "I was left with the impression that they (the Cubans) would respond favorably" to the letter, Moore said. "They were interested in the size of the University and its standing in comparison with other schools."

Moore was unsure whether Castro would send the Cuban Nationals amateur Olympic team or a team from the University of Havana.

A spokesman for University President Magrath told the *Minnesota Alumni News* that no word had yet been received from the Cubans as of May 10.

WOMEN'S SOFTBALL PITCHER Vicky Swanson won another on April 26 for the home team over Concordia of Saint Paul, fast-pitching her team to a 9-1 victory. Vicky, a sophomore transfer student, plays for the competition and love of the game.

Athletics are studied by campus task force

The role of intercollegiate athletics at the University is currently being studied by a 21-member task force of students, faculty members, administrators and alumni selected by University President C. Peter Magrath.

The group will develop a statement of purpose for intercollegiate athletics, recommend methods of financing, comment on the effect of the programs and recommend organizational changes that will reflect its conclusions.

The task force, which has been asked to complete its work by February 1, 1978, includes five students, five alumni and others from outside the University, and eleven voting and nonvoting representatives of the faculty and administration, among them Paul Giel and Vivian Barfield, directors of men's and women's intercollegiate athletics.

"I would like the task force to help guide me on the extent to which intercollegiate athletic programs are directly educational in their relationship to students," Magrath said. He also is seeking information on the extracurricular purposes they serve that, in effect, provide supplementary opportunities outside of the classroom for the personal development of the student. And Magrath needs to know their public relations and community purposes (in view of the fact that the University of Minnesota is a state university) and how intercollegiate athletics provide service to professional sports organizations in a fashion roughly analogous to the professional purposes served by such direct education programs as engineering or business schools.



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CLASS NOTES

Business Administration

21 The Minnesota Gas Company has established the "Minnegasco/Paul R. Doelz Faculty Enrichment Award" at the University of Minnesota in honor of Doelz '21BBA who has been Minnegasco's board chairman since 1956. The award, which will be presented annually to a College of Business Administration faculty member, will create a working interface between the school and the Twin Cities area business community. It provides for a five-week appointment for a faculty member to be associated with a Twin Cities business corporation.

25 Herbert J. Brown '25BBA is the owner of Benson Groves, Inc., Orlando, Florida, producer of quality citrus fruit gifts. He has been in business for 29 years and is active in the Minnesota Alumni Association's Florida chapter.

56 Richard A. Joslyn '56BBA is the new manager of international sales for the Essex Group, a subsidiary of United Technologies Corporation. He joined Essex in 1967 as a product manager at the company's controls division in Mansfield, Ohio. He now maintains his office at Fort Wayne, Indiana.

59 Maurice F. Wagner '59BBA, vice president of the IDS Mortgage Corporation, Minneapolis, has received the Senior Real Property Appraiser designation from the International Society of Real Estate Appraisers. He has been a member of the society's Minneapolis chapter and an appraiser for over 16 years.

71 Gregory L. Stutelberg '71BSB has been promoted to senior salesman, Construction Materials/Industrial Foams in the Functional Products & Systems department of Dow Chemical U.S.A., Detroit, Michigan. He joined Dow in 1971.

72 Nancy S. Meyer '72BBA is the principal accountant in the University of Minnesota's model Family Practice units. Mrs. Meyer, who recently received her CPA, previously worked for a private Minneapolis firm as an auditor.

74 Steven J. Oberfeld '74BBA has been promoted to Dallas (Texas) district sales manager for the Congoleum Corporation's Resilient Flooring division. Formerly a sales representative in the Wisconsin market, he began working for Congoleum in 1974.

Law

76 John P. Sellner '76LLB, has joined the law firm of Prindle, Maland and Stennes, Chartered, of Montevideo, Minnesota. He previously was associated with Minnesota Title Insurance Company's home office legal department.

Health Sciences

62 Robert A. Tschetter '62MAPubH, senior vice president of the Health and Medical division of Booz-Allen & Hamilton, Inc., New York, has been elected a director of the firm which he joined after serving as administrative and planning executive with the Baylor University Medical Center. A member of several professional and hospital and health associations, he currently serves on a committee of the Hospital Planning Council of Metropolitan Chicago. He lives in Lake Forest, Illinois.

65 Allan C. Anderson '65MHA, Brighton, New York, executive director of Strong Memorial Hospital of the University of Rochester (N.Y.), has been appointed to the Social Security program review team for New York State by the U.S. Secretary of Health, Education & Welfare. He will serve a two-year term. Anderson has been executive director of Strong since 1968 after serving as administrator of Highland Hospital.

75 Craig J. Bakken '75MAPubH, Rochester, N.Y., administrative assistant in the director's office at Strong Memorial Hospital, University of Rochester, has been appointed chairman of the Hospital Emergency Planning committee. He joined Strong in 1975.

Biological Sciences

71 Roger Wagner '71PhD, assistant professor of life and health sciences at the University of Delaware, Newark, has received a Research Career Development award from the National Institutes of Health. The awards are given to "foster the development of scientists with outstanding research potential who require additional training and experience in productive scientific environments" to prepare for careers in independent research. Wagner's award was made through the National Heart, Lung and Blood Institute and his research is in the area of the mechanisms of the permeability of blood vessels.

General College

72 James L. Johnston '72ALA, Hopkins, Minnesota, a career representative of the Minneapolis/Blair general agency of the National Life Insurance Company of Vermont, has won the Disability Income Award among 23 graduates of the firm's Home Office Career School. He was previously affiliated with Scott-Johnston Insurance Agency, Minneapolis.

Journalism

49 Paul G. Sampson '49BA was named director of the National Geographic's News Service in May. Formerly the assistant director, he has worked nearly 18 years for the Washington, D.C.-based organization.

67 David J. Vrieze '67BA, Burnsville, Minnesota, has been named vice president of Paul Burke and Associates, Inc., Minneapolis. Prior to joining Paul Burke in 1973 as director of marketing communications, he was director of advertising and public relations with the Minnesota Mutual Life Insurance Company, St. Paul.

73 James L. Olson '73BA has been appointed sales promotion coordinator at Winnebago Industries, Inc., Forest City, Iowa. Earlier he worked as advertising manager for John Morrell and Company, Saint Paul, and as an account executive for National Catalog Productions in Minneapolis.

Medical School

53 Dr. Alexander M. Minno '53MSMed, Pittsburgh, Pennsylvania, was recently installed as president of the Lahey Clinic Alumni Association. A specialist in rheumatology, he is in private practice in Pittsburgh and is a clinical instructor in medicine at the University of Pittsburgh Medical School. He is also on the staffs of the Presbyterian University, Allegheny General and Magee-Womens Hospitals and serves as a consultant in rheumatology at the Harmarville Rehabilitation Center in Harmarville, Pennsylvania.

64 Dr. William Jacott '60BA '64MD, director of the Duluth (MN) Family Practice Residency program, has been named Teacher of the Year by the

Minnesota Academy of Family Physicians. He has been involved with medical education since 1971 when he began working part-time with the University of Minnesota, Duluth, School of Medicine, coordinating family practice experiences for first year medical students. He has directed the Duluth Family Practice Residency program, affiliated with the University's Medical School in Minneapolis, since the program began in 1975.

61 Dr. John R. Gustafson '61MD is currently enrolled at the Western State University College of Law of Orange County, Fullerton, California.

68 Dr. Robert D. Niedringhaus '68MD is a clinical assistant professor in the School of Medicine at the University of Minnesota, Duluth.

72 Dr. Dale H. Peterson '72MD is also teaching in the University of Minnesota, Duluth, School of Medicine as a clinical assistant professor.

74 Dr. Steven R. Dobson '71BS '74MD, Fridley, Minnesota, has been assigned to Hahn Air Base, Germany, for duty with a unit of the USAF in Europe. He is a captain.

Education

63 Ralph R. Doty '63BSEd, a former state senior from Minnesota's Eighth District and executive news director of KBJR Television of Duluth, Minnesota, was appointed president of Vermillion Community College in Ely, Minnesota, in January. Doty, who earned his EdD degree in education from the University in 1968, has been a teacher in the Duluth Public Schools and has held administrative posts with the State Department of Education. In 1968 he joined the faculty of the College of St. Scholastica in Duluth where he became an associate professor and coordinator of secondary education.

Home Economics

68 Grace M. Hendel '68BSHE, associate professor of home economics at the University of Wisconsin-Stevens Point, is president-elect of the State Dietetic Association. She will become president of the 800-member organization in November. Hendel has been on the Stevens Point faculty since 1971.

Nursing

57 Carol Lindeman '57BSNurEd '58MSNurEd, currently director of the Regional Program for Nursing Research Development for the Western Interstate Commission for Higher Education (WICHE) in Boulder, Colo., will become dean of the School of Nursing at the University of Oregon Health Sciences Center in Portland on September 1. In June she was one of two persons to receive a special bicentennial Brookdale Award for nursing research at the annual meeting of the American Nurses' Association. She was cited as a "major force in moving research . . . from the academic setting and introducing it into practice settings . . ." She recently completed a 200-page "Delphi Survey of Priorities in Clinical Nursing Research," funded by the Department of Health, Education & Welfare, which has been hailed as a major national contribution to nursing because it provides research direction at a time when the legislative funding trend specifies nursing research must tie into major health care priorities. Active locally, regionally and nationally in professional nursing organizations, she is on the Research Advisory committee of the American Nurses' Foundation, vice chairman of the Council of Nurse Researchers of the American Nurses' Association and a member of the WICHE committee on the protection of human rights.

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Beneficiary (Print Name as MARY DOE, not MRS. JOHN DOE)		Relationship

Amount of Term Life Insurance: \$10,000

Date _____ X _____
Signature

72 Vicki Ann Johnson '72BSNur has received her master's degree in speech pathology and audiology from Western Michigan University, Kalamazoo.

Institute of Technology

45 Matt A. Sutton '45BAeroE, Edina, Minnesota, a leading applied research scientist at Honeywell, has been named vice president in that company's Government and Aeronautical Products division. He joined Honeywell in 1958 and has since 1968 served as general manager of the Systems and Research Center.

48 A. Einar Swanson '48BME has been named a partner in Black & Veatch, an international firm of consulting engineers headquartered in Kansas City, Missouri.

49 Robert A. Gronlund '49BEE recently received a JD degree from Western State University College of Orange County in Fullerton, California.

Hugh W. Larsen '49BEE, Milford, Michigan, has been named director of Vehicle Systems Development for General Motors Corporation. He has been with the company for 27 years.

50 Donald L. Chapman '50BCivE, who has 20 years of experience in industrial engineering projects, is now manager of the newly-expanded Industrial department of Ellerbe, a Bloomington (Mn)-based architectural, engineering and planning firm. He joined the company in 1973.

51 Julio Cordero '51BAeroE, Danvers, Massachusetts, recently joined the research staff at the Massachusetts Institute of Technology where he is in charge of MIT's MHD Simulation Facility, doing research and development in magnetohydrodynamic energy conversion. He was formerly with AVCO, engaged in research and development in strategic missiles and more recently with ANSER as a weapon systems analyst.

Jim Scheidt '51BSEng, Morton, Illinois, was promoted to assistant director of engineering at Caterpillar's Peoria plant. He had been chief engineer since 1971 at the Joliet plant and has held numerous management positions since joining the company in mid-1954. He and his wife Phyllis have five children, one of whom is a student at the University of Minnesota.

52 Frank Moser '52MS(Physics), Brighton, New York, recently assisted in the presentation of a paper on visible wavelength photosensor materials for low light level applications. He was part of an Eastman Kodak research team that co-authored the paper presented at the Institute of Electrical and Electronic Engineers' International Electron Devices meeting in Washington, D.C. in late 1976.

53 Robert J. Claybaugh '53BIndE, Greece, New York, who joined the Eastman Kodak Company in 1953 as an industrial engineer in the industrial engineering division, is now department head of the film emulsion department of Kodak's film emulsion and plate manufacturing division.

John Saunders '53BEE, San Juan Capistrano, California, is the president of Endeveco. He joined that company in 1971 as director of marketing and most recently had served as vice president and general manager of the Dynamic Instrument division.



FAIRNESS FUND VOLUNTEERS HONORED — Regents' Certificates of Appreciation were presented to John G. Fischer '46, third from left, and D. Wayne Jimmerson '42BSAg, fourth from left, at a special luncheon on April 4 in the Minnesota Alumni Club. Fischer and Jimmerson, both of Wayzata, Minnesota, were key volunteers for the University's Fairness Fund-raising activities which drew \$87,000 to help the University pay for its legal actions against the National Collegiate Athletic Association (NCAA). Fischer, who attended the University but did not receive a degree, is director of development for the Minnesota Orchestra. Jimmerson is president of Agricultural Services, Inc., Minneapolis. Among the others pictured who attended the presentation ceremonies were, from the left, University President C. Peter Magrath, Regent Emeritus Lester Malkerson, who acted as Fairness Fund coordinator, Tom Swain, national president of the Minnesota Alumni Association, a major contributor to the fund, and Paul Giel, Men's Intercollegiate athletic director.

54 Neil C. Sher '54BChemEng '55MSChemEng has been named director of Honeywell's newly-formed Energy Resources Center. Since joining the Minneapolis company in 1962, he has been involved with the management of various engineering projects, most recently the Urban and Environmental Systems department. In 1966 he won Honeywell's H. W. Sweatt Award for excellence in science and engineering.

56 Lieutenant Colonel John J. Prentice '56BAeroE, Minneapolis, is serving as a branch chief at the Air Force Armament Laboratory at Eglin AFB, Florida. He was previously assigned to Wright-Patterson AFB, Ohio.

58 USAF Colonel Elmer E. Nelson '58BMechE, Waite Park, Minnesota, is serving as the commander of an Air Force support unit at Incirlik AB, Turkey. A command pilot, he is a veteran of Southeast Asian conflict and holds the Silver Star, 2 awards of the Distinguished Flying Cross, Meritorious Service Medal, 12 awards of the Air Medal and 2 awards of the USAF Commendation Medal.

Ronald J. Niccum '58BAeroE, formerly manager for Solar Energy Applications at Sheldahl, Inc., Northfield, Minnesota, is now director of that company's Solar Energy Group. Since joining Sheldahl in 1966, he has held a number of technical and management positions. He succeeded Donald E. Anderson, a former professor of electrical engineering at

the University of Minnesota who had been selected to serve as director of Minnesota's effort to become the home base for the Solar Energy Research Institute.

Leo J. Thomas '58BChemEng, Pittsford, New York, has been named an assistant director at Kodak Research Laboratories in Rochester, New York. Thomas, who became associated with Kodak in 1961 as a research chemist in the color photography division, has also served as head of the color physics and engineering laboratory, assistant division head of the color photography division and technical assistant to the director of research laboratories.

60 Major Thomas H. Engebretson '60BA(IT), Breckenridge, Minnesota, recently received the Meritorious Service Medal for outstanding performance as a data automation staff officer with the Management Support Systems Branch and as an executive officer with the Directorate of Data Automation at Headquarters, USAF. He currently serves at Peterson AFB, Colorado, as a major command technical coordinating officer with the 4602nd Computer Services Squadron.

63 Tung Hon Jeong '62PhD (Physics), professor of physics at Lake Forest College, Lake Forest, Illinois, received the 1976 Millikan Lecture Award given by the American Association of Physics Teachers to honor "a physicist for notable and creative contributions to the teaching of physics." A

pioneer in the field of holography, he was the second Lake Forest College faculty member to receive the prestigious award.

62 Steven J. Shablott '62BEE, Edina, Minnesota, is vice president of sales in the DATA 100 Marketing Company. He joined DATA 100 as director of European market development shortly after the company was formed in 1969 and has since served as general manager of marketing support and vice president of original equipment manufacturers sales.

63 John A. Davidson '63MS, Rocky River, Ohio, is senior research and development scientist for B.F. Goodrich Chemical Company in Cleveland, Ohio. He came to the company in 1963 as an associate chemist and has since been a chemist, associate development scientist and development scientist.

Roxy Ru-Nien Ni Fan '63PhD, East Brunswick, New Jersey, is a research fellow at the Du Pont Company's Photo Products department in Photopolymer Systems Research Laboratory at Parlin, New Jersey. After joining Du Pont in 1962 as a research chemist, she was named a senior research chemist and research associate.

Robert W. Parlin '63BA(Math) has been named president of the Neckura Neclermann Insurance Company at Oberursel, West Germany, a subsidiary of Nationwide Mutual Insurance Company. He has been with Neckura for eight years, most recently as vice president of actuarial and underwriting functions. He was employed at Mutual Service for 15 years and left the company in 1963 to engage in medical research at the University of Minnesota for five and one-half years.

Thomas R. Pike '63BMechE, Williston, Vermont, recently received a master's degree in electrical engineering from the University of Vermont, Burlington. He also holds a master's from the University of Michigan.

T. K. Puttaswamy '63MS, who joined the Ball State University faculty in Muncie, Indiana, in 1968, has been promoted to full professor of mathematics. He has also taught at the College of Engineering in Bangalore, India, the regional Engineering College in Trichy, India, and at the University of Minnesota.

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OBITUARIES

Dr. Daniel Holland Bessen '22MD, outstanding violinist, physician and surgeon, on January 26 at Encinitas, California hospital, at age 79. While captain of the University of Minnesota swimming team he laid the ground work, along with his brother Dr. Alfred Nicholas Bessen, Jr., which resulted in swimming becoming a major sport at Minnesota. At his death he held the long distance record through Minneapolis' chain of lakes. After graduation he practiced medicine in several Minnesota communities and at the Grand Canyon Hospital in Arizona. He served in the U.S. Army Medical Corps as a lieutenant colonel in WWII in the States of Washington and California, and continued to work for the federal government in California until his retirement ten years ago.

Francis I. Johnston '22BSEd, Minneapolis, January 7, 1975.

Constance N. Legeros '73 MA, Minneapolis, April 9, 1975, at age 44. She had worked as a communication consultant for Control Data and other Twin Cities companies in the past four years, and had designed and conducted seminars for the University of Minnesota's department of Continuing Business Education. She was a member of the Minneapolis Council of Churches and president of the Minneapolis Junior League from 1967-69.

Bruce A. Bakken '74BSEd, Minneapolis.

University physicists find important laser technique

A new and highly sensitive technique which allows detection of single atoms as they cross a laser beam has been developed by a team of University of Minnesota physicists after several years' effort.

With further refinement, the technique may be useful in such critical areas as the detection of minute amounts of radioactive leakage from a nuclear reactor or in the analysis of very small quantities of polluting or contaminating substances.

Currently, however, the physicists are concentrating on basic research studies of the nuclei of radioactive atoms, which can be made only in minute quantities and which live for only a short time.

"Very little is known about the structure of radioactive nuclei since they cannot be made in sufficient quantities for standard nuclear techniques to be applied," Physics Professor George W. Greenlees said. "The high sensitivity obtainable with this laser technique will enable us to obtain limited, but previously unknown, facts about radioactive nuclei."

Greenlees, head of the research team of David A. Lewis, Jeffrey F. Tonn, Stanley L. Kaufman, John H. Broadhurst and David L. Clark, said the breakthrough was made possible by recent advances in laser techniques. Technical details of their work, specifically involving the detection of single atoms of barium as they crossed a laser beam, were presented at the Washington, D.C., meeting of the American Physical Society in late April.

"The development of lasers has made available very intense, well defined, beams of light," Greenlees explained. "Recently these have been developed into devices which emit light continuously and in which the frequency (color) of the light can be varied. These are called tunable-continuous-wave-dye lasers. Tuning is accomplished in a way similar to the tuning of a radio receiver to different station frequencies."

All atoms have unique, characteristic frequencies, Greenlees said. Thus, when an atom is illuminated by light having its characteristic frequency, this atom will then have a very high probability of deflecting a light particle or photon. The photon is subsequently emitted in a different direction. The result is that light with the correct frequency can be bounced off one type of atom and not off any other atoms which may be present (background radiation).

The Minnesota equipment makes this method very precise — frequencies differing by only one part in a hundred million can be separated. Thus, "we can find one particular type of atom in a large mass of atoms in gaseous form," Greenlees said.

The bouncing or scattering process takes only ten billionths of a second. For a typical laser beam and with atoms at room temperature, an atom takes about ten millionths of a second to cross the beam. Thus, as Greenlees points out, "an atom passing through a laser beam of the correct frequency can produce many scatterings." The atom's passage through the beam is then detected by the burst of scattered light particles.

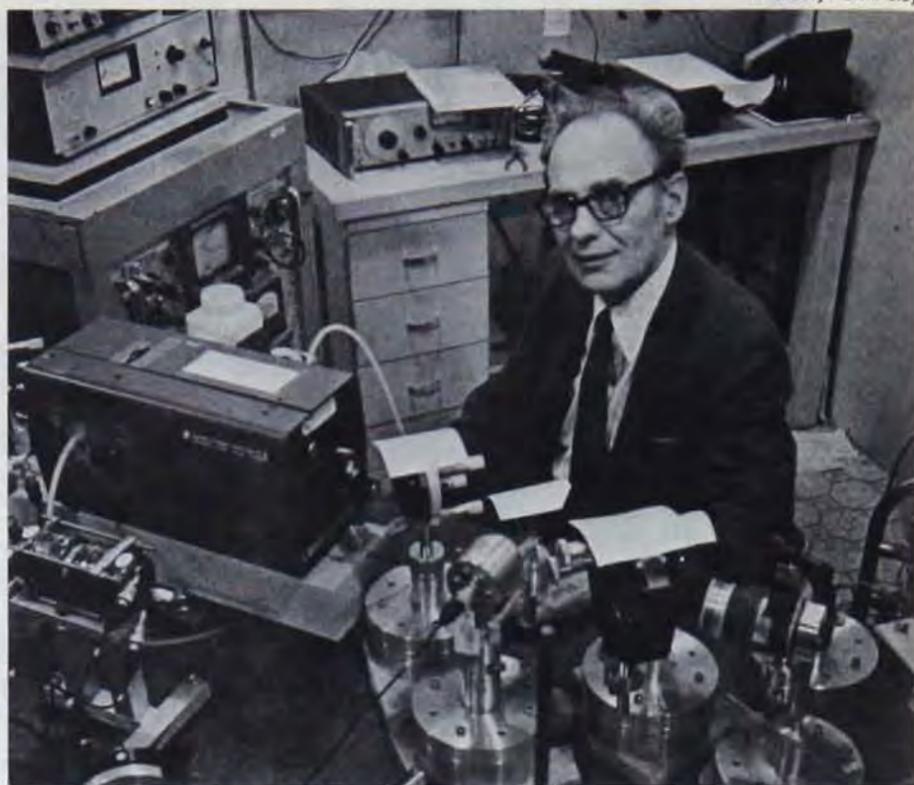
The Minnesota team's successful experiment used green laser light to detect barium atoms. In principle, the same technique can be applied to atoms of any type or atomic species by choosing the appropriate frequency.

Though the technique could eventually be useful in searches for minute

contaminants, pollutants in various industrial processes, and significantly, in detection of radioactive leakage, Greenlees emphasized that the researchers are presently most interested in the basic research.

His research team has worked on the development of the laser technique since 1972 under a contract with the Energy Research and Development Administration.

In recent years, however, funds for much basic research have become scarce and grant money for the University project runs out in June. If support is not found soon, the research team will have to disband and a promising line of research will be severely set back. "Our present concern is in how to hold the research team together until more long range funds can be obtained," Greenlees said. "Everyone on this project, except Dr. Broadhurst and me, have been supported by this contract."



PHYSICS PROFESSOR George W. Greenlees, pictured here in his University laboratory, headed the research team of University of Minnesota physicists who recently developed a world-acclaimed technique that can detect single atoms as they cross a laser beam.

MINNESOTA

73rd Annual Minnesota Alumni Night

Saturday, June 4

Radisson South Hotel
Bloomington, Minnesota



Donald K. Slayton



William N. Carey, Jr.



John H. Gerstenmaier

Astronaut Donald K. "Deke" Slayton ('49B-SAeroEng) of Apollo-Soyuz fame, will be among three distinguished University of Minnesota graduates to receive the prestigious Outstanding Achievement Award at the 73rd Annual Minnesota Alumni Night on June 4.

William N. Carey, Jr. '37BCE, executive director of the National Research Council's Transportation Board, and John H. Gerstenmaier '38BSME, president and chief operating officer of the Goodyear Tire & Rubber Company, will also be presented with this award, which is the University's highest honor for alumni.

The presentation of their citations and medals by University President C. Peter Magrath will climax an evening that will open with a 6:30 p.m. poolside social hour, followed by a 7:30 p.m. dinner. Entertainment will be provided by a graduate music student and a student musical group. New Alumni Director Vince Bilotta and National Alumni President Tom Swain will also be present to update you on Association activities and plans for the future.

Reservations for this, the most important alumni event of the year, are available at \$10.00 per person, which includes the dinner, entertainment, program, tax and gratuity. Reserve your place today.

1977 MINNESOTA ALUMNI NIGHT

Mail reservation request and payment to: Minnesota Alumni Night, Alumni Center, 2610 University Avenue, Saint Paul, MN 55114.

Please reserve _____ places for my party at the 73rd Annual Minnesota Alumni Night, June 4, 1977, at the Radisson South Hotel. I enclose \$_____ (\$10 for each place reserved).

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1977 JUNE

alumni news

PUBLISHED BY THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

On The Inside:

- Alumni Association recognizes outstanding University students, page 3
- MAA Executive Director's and National President's 1977 Reports to the membership, pages 4 & 5
- Special pictorial for a Golden Anniversary Reunion, pages 8 & 9

Alumni honor famous graduates

More than 300 alumni and guests came to the Radisson South Hotel in Bloomington, Minnesota, to watch three distinguished University graduates receive the University's Outstanding Achievement Award, the highest honor the Regents can confer on a former student, and a past president of the Alumni Association receive an Alumni Service Award from the Regents for his service to the alumni effort.

The occasion was the 73rd Minnesota Alumni Night of the Alumni Association on June 4.

Among those receiving the Outstanding Achievement Award from University President C. Peter Magrath was Astronaut Donald K. Slayton '49BSAeroEng, currently manager for the approach and landing test of the National Aeronautics & Space Administration's (NASA) Space Shuttle program.

Slayton, who calls himself a "representative of the common man," talked about his experiences on a dairy farm until he was 16, then how he became a pilot in WWII and later entered the University on the G.I. Bill. He said he went from being a test pilot into NASA's astronaut program because of his University education.

"Minnesota has one of the best aero schools in the country," Slayton said. "The things I learned on that campus I use every day in my job."

Slayton was one of the first seven Mercury astronauts chosen in 1959 and directed NASA's flight crew operations for 12 years, selecting and training astronauts. He became an active participant in space expeditions once again in 1976 when he was docking module pilot for the historic Apollo-Soyuz mission.

A group of fellow classmates, including a former professor, met Outstanding Achievement recipient John H. Gerstenmaier '38BSME at Twin Cities International Airport just before the Annual Meeting. He was touched by their greeting and said that it had been a thrill for him to attend this alumni event.

Gerstenmaier, president and chief operating officer of the Goodyear Tire and Rubber Company in Akron, Ohio, accepted his award "with a great deal of humility."

While at Goodyear he has designed a program to recognize employee efficiency and production, and has led the company's efforts toward conservation and environmental responsibility.

The third Outstanding Achievement Awardee, William N. Carey, Jr. '37BCE, a researcher in highway transportation,

Team manager named MVP

1977 Baseball Gophers take Big Ten, Regional championships



Photo by Phil Hernandez, courtesy of Minnesota Daily

The Gopher squad was jubilant after qualifying for the College World Series by winning the NCAA's Mideast Region Tournament at home in late May. In the photo above, team manager and 1977 Most Valuable Player John Anderson (left), Perry Bauer and winning pitcher Brian Denman congratulated one another after a 5-1 win over Florida put them in the world series. The Gophers entered the regionals by winning Minnesota's 13th and Coach Dick Siebert's 11th Big Ten Championship. In sweeping the Mideast tourney, Gopher pitchers combined for a miserly 1.00 earned run average over 27 innings; their teammates blasted out 40 hits for 25 runs and a .351 batting average.

Minnesota did not fare as well in Omaha, Nebraska. They were eliminated from the College World Series held there by Arizona State University's Sun Devils who beat them 8-4 on June 14. This was the second loss for the Gopher team in the double elimination tournament. The first defeat came at the hands of California State-Los Angeles, 7-4, in their opening game. The Gophers rallied in a dramatic 4-3 11-inning victory over Baylor to gain a shot at the Sun Devils who won the NCAA title the following weekend. Minnesota, 38-10 on the season, had been ranked second behind Arizona State nationally going into tournament play.

has also been recognized by the National Academy of Science for distinguished service. He is currently executive director of the Transportation Research Board for the National Research Council in Washington, D.C.

Carey told the alumni gathering that 40 years ago to the week he had graduated from the University of Minnesota. He said he is proud to have been able to "identify with the outstanding men and women of the University" and to be able to carry with him into his work the knowledge he gained from them. He cited a number of University faculty members he wanted to thank for showing him "the beauty of research and the value of pure reason."

Alumni Service Awardee Wally Salovich '50BBA '56MHA, Wayzata, Minnesota, a business consultant, was president of the Minnesota Alumni Association from 1975-76, serving the Association in a variety of major offices since 1972. Wally has also been a member of key University of Minnesota committees involving alumni leaders.

Salovich said he "was grateful to have been of service, and will continue to be, to the alumni of the University of Minnesota."

Following these presentations, President Magrath noted that such award recipients make the University what it is today.

University cheerleaders DeDe Savage and Steve Quady led the Minnesota Rouser in opening ceremonies of the 73rd Minnesota Alumni Night. DeDe is a Physical Education senior from LeSueur, Minnesota, and Steve, a first year Veterinary Medicine student from Buffalo, Minnesota. They also led the closing anthem, "Hail! Minnesota."

Dinner music was provided by Ron Albrecht, a Graduate Music student, majoring in Piano Performance, who lives in Bloomington, Minnesota.

The University of Minnesota Brass Quintet also performed for the alumni gathering. They included Music students Tom Rolfs, Minneapolis, on trumpet;

(Turn to page 4)

Use of metric system brings metric phobia

By Jeannie Hanson

When you hear about meters, grams and liters, does your temperature rise 2 degrees Celsius? If so, you are not alone.

"Metric-phobia" afflicts about two-thirds of the population. Most people don't understand that Los Angeles is 3,880 kilometers from Detroit, Boston is 1,496 kilometers from Indianapolis, and a typical chocolate chip cookie recipe calls for 400 grams of chocolate chips.

There is a lot of work to be done before Americans will understand and accept the metric system, according to speakers at a recent University of Minnesota metrics conference. School educators, the mass media and private industry were singled out as key forces in educating the public about the metric system.

"Many people don't realize that they already buy in metrics," said Kathy Walker, of the Twin Cities KSTP-TV Weather Service. Products now sold in metrically measured amounts include drugs, light bulbs, tools for foreign cars, swimming pools, film, contact lenses, some cigarettes and skis.

People are more afraid of the conversion formulas than they are of the metric system

itself, Walker said, because they think they will have to multiply the number of inches by 25.4 to get the number of millimeters each time. "This is not the best way to learn metrics," Walker said. People can master the system fairly easily by learning a few examples and the overall concept. They will learn gradually to "think metric."

For example: a centimeter is about the width of a paper clip, room temperature is 18 to 20 degrees Celsius and a gram is the weight of a new dollar bill.

Walker has a packet for teachers interested in teaching the system and mails them from her office at KSTP-TV, 3415 University Avenue Southeast, Minneapolis, MN 55414.

Television, radio, newspapers and, eventually, retail stores will need to cooperate in using the metric system, Walker said. "We don't want to see one television station advertising that they use 'regular' temperatures or one store saying 'we sell clothes here in real sizes.'"

If 7-Up can build an ad campaign around the liter bottle, the metric system can be used with success commercially, said John Beardsley of Padilla and Speer, a Twin Cities public relations agency.

If metric measurements are still somewhat feared, why use them? Speakers mentioned several reasons. Over 80 percent of the world uses metric measurements and until our country does, Americans will suffer certain trade and balance of payment disadvantages. Many U.S. companies must produce two sets of products and are left out of certain markets. Scientific communications are made metrically now, too.

Metric numbers are easy to work with once you get the hang of it, and everyone from school children to aerospace engineers could save time by converting.

Conversion will come, though the date has not yet been set, Beardsley said. The federal legislation requiring conversion was passed in 1975 — but a date was not included because various groups still oppose it, Walker said.

Organized labor, small businesses, and parts of agriculture and the food industry are among the opposition because they are concerned about the immediate costs of conversion. Also, no incentive for conversion or commitment from the federal government was included in the legislation.

But if Britain, New Zealand, Australia, and Canada can convert without civil war, the United States can too, Walker said.

Legislature funds Health Sciences Unit F

The University of Minnesota won a major victory when the 1977 Legislature voted to fund the Pharmacy/Nursing building, in time to meet the deadline set for federal matching funds by the Department of Health, Education & Welfare. The state will provide \$13 million for the construction of Unit F, while the federal government will pay \$8.3 million of the costs.

The University received a total of \$383.1 million for the 1977-79 biennium. The administration had requested \$406.3 million.

This appropriation was \$64.7 million more than the University received in 1975-77, making it the largest dollar increase in the history of the institution, but not the largest percentage increase.

About 11 percent of the state's \$6 billion budget is allocated to higher education, and of that amount, the University received about 6.3%.

Look for a complete story on the University's 1977-79 budget in the 1977 September issue of Minnesota Alumni News.

Second report saves University College

Nearly a year ago, a University of Minnesota committee released a report sharply critical of the performance of University College (UC) and the experimental education programs it directed. The report recommended that UC close five of its seven programs. The remaining programs were to be transferred to other units.

Reaction to this report from both within and outside the University community was strong. It was criticized both for its recommendations and its method of evaluation, and the University Senate committee on Educational Policy (SCEP) refused to forward it to the full senate, the University's faculty-student governing board.

University College and experimental programs in general were granted a reprieve of sorts in May when SCEP voted to endorse a new, more positive report and forwarded it to the University Senate.

The new report is the result of the work of a subcommittee, chaired by General College Professor Leon Reisman, and formed by SCEP to study the organization of experimental education programs.

The Reisman Report recommends that experimental educational programming and University College be continued, under the authority of the academic affairs vice president. Before endorsing the report, SCEP changed the recommendation that an assistant vice president for academic affairs be appointed to assume responsibility for experimental programming.

Henry Koffler, vice president for academic affairs, told SCEP that he was in favor of the Reisman Report, although he saw it as more of an endorsement of experimental education than University College.

SCEP's discussion about a proper home for experimental education had an "unreal quality," since it was already within the area of responsibility, Koffler said.

"The commitment to experimental programs is real," he noted, adding that they are the most vulnerable when funds are restricted.

The Reisman Report calls University College a "visible and respectable collegiate alternative," and urges that it be considered as a place for programs unable to find an appropriate "home" within a regular college.

University College programs include the Inter-College Program which provides undergraduate students the opportunity to develop individually designed areas of concentration not available elsewhere in the University. Course work is done through regular University departments.

University Without Walls (UWW) helps individuals with a variety of barriers, such as family obligations, employment, geographical location, physical handicaps or incarceration, to work out a learning program through a program advisor. Independent study and subject-related work replace most classroom work.

The Morris Learning Center provides learning opportunities similar to UWW. Students College at the University of Minnesota, Duluth (UMD), is a non-degree program to give students human service delivery and management training for credit.

The University Scholars Program helps in-

dividual students plan degree programs with faculty advisors, based on specially tailored educational goals and learning experiences.

Experimental College provided students with education based on group processes, self-motivation and experimental learning.

In the Foreign Studies Degree program, students plan a specialized foreign study unit within a regular department major or an individually tailored program of study abroad.

The initial report which was not accepted by SCEP recommended continuation of the Inter-College and Morris Learning Center program, and the modification of UMD's Students College.

New center opens

A comprehensive hemophilia diagnostic and treatment center for Minnesota, North and South Dakota, and western Wisconsin has been established at the University.

Hemophilia is a genetic defect of the blood's clotting mechanism and affects only males. There are about 200 people in the Twin Cities area with severe or moderate hemophilia and another 200 in the rest of the area the center will serve, according to estimates by Roger Edson, director of the new center.

People with hemophilia may have frequent and painful spontaneous hemorrhages into their joints and muscles. Recurrent hemorrhages over a period of years can result in severe crippling.

According to Edson, who is a professor of laboratory medicine and pathology and director of University Hospitals' coagulation laboratory, "Twenty years ago the only treatment available to hemophiliacs for a bleeding episode was hospitalization to receive blood transfusions containing the clotting factor their blood lacked."

"About 10 years ago concentrates of the clotting factor started being made in local blood banks so bleeding episodes could be treated in hospital emergency rooms," he said. "In the past few years pharmaceutical companies have marketed highly concentrated preparations made from normal human plasma which makes home treatment of most bleeding episodes practical."

"The average cost of adequate treatment for an adult hemophiliac is about \$10,000 a year."

The center's purpose is to promote preventive care rather than "crisis-oriented" care and to help patients achieve greater independence.

One of 17 funded by the Community Health Services division of the Department of Health, Education & Welfare, the University's center holds a comprehensive clinic every Monday in the Boynton Health Service.

Each patient the center treats receives a complete evaluation from an internist or pediatrician at least once a year, plus examinations by an orthopedic surgeon, oral surgeon and other specialists. Recommendations for care between clinic visits are made to the patient's primary physician or to the center's nurse practitioners.

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Alumni Association joins student recognition day

The Minnesota Alumni Association played an important role in the 1977 University of Minnesota Student Leadership and Service Recognition Dinner on May 19 in the Great Hall of Coffman Memorial Union.

The Association hosted the wine and cheese reception for the 285 students from the Twin Cities campus who were honored for their leadership and service to

the University community.

Master of Ceremonies Frank B. Wilderson, Jr., vice president for student affairs, introduced In-coming National Alumni Association President Peg Craig as the banquet program's first speaker. Association Assistant Director Jim Barnum participated in the program, as a member of President Magrath's Planning and Selection committee.

Twenty University faculty and staff members also received Twin Cities Student Assembly Recognition Awards, presented by University President Peter Magrath that same evening.

The list of students who were recognized is long. Many of their faces are familiar, such as those of Gopher quarterback Tony Dungy, basketball guard "Flip"

Saunders or student body president Karen Olsen.

Others were not so familiar, but their efforts on the Twin Cities campus are an integral part of the University and the services and activities available for its students.

Three of these not-so-familiar student leaders are profiled briefly below. We think you will enjoy meeting them.



Photo by Paul Wychor

Dave Buller

When Dave Buller graduated from Augustana College and entered the University's Graduate School in 1974 he brought an important student organization to the campus with him. During the summer, he had been elected international vice president of Circle K, a Kiwanis-sponsored student service organization involving 800 collegiate campuses, and felt Minnesota should have such a club, too.

Though he helped to organize the group, which involves about 50 students throughout the year, he has not served as one of its officers. "Being a graduate student allows one to stay in student organization work for a longer time, but I don't feel graduate students should dominate the offices," Dave said.

Since their club was formed, Circle K members have been involved in delivering "Meals on Wheels" to shut-ins, in Big Buddy-Little Buddy relationships through the YMCA's Project Motivation and their own contacts with Boys Clubs having youngsters 7-14 who need an adult friend, and in work with troubled girls. "College students are the best candidates to help troubled youth," Dave said. "We are old enough to be respected for our experience and young enough to relate to."

Circle K'ers also worked with the campus Greek organizations in a successful Dance-A-Thon that raised \$23,000 for Muscular Dystrophy, and in the Walk For Mankind, through which they hope to raise \$73,000.

All of the organization and effort Dave put into Circle K programs at Minnesota earned him the 1977 King Gustav Humanitarian award given each year to a University student.

"That award really belongs to the people who worked with me and to Circle K," Dave said. "I've gained many friends through Circle K, and the opportunity to learn how to be a leader. It is an invaluable experience."

Dave's student activities have delayed his receiving his PhD, but he considers the time spent well worth it. He is Minnesota born and hopes to remain in the state after graduation to teach economics at the collegiate level. Dave feels that economics, properly applied, can alleviate a lot of the human suffering in the world and much of the human deprivation that accompanies unemployment. He wants to teach his students how to use economics properly and to learn from them.

In addition to Circle K, Dave also loves sports — including basketball, football and softball. "I took a head fake from a fellow in the championship co-ed intramural football game, and he caught the game's winning pass," Dave chuckled. He was nursing a bad ankle he said he hurt on a moonlight walk, when we talked to him.



Photo by Paul Wychor

Margaret Tschida

"I want to get everything out of life that I can," Peggy Tschida claims. And with that statement firmly in mind she quickly became part of a multiplicity of campus activities as soon as she came to the Twin Cities campus in 1973.

Her energetic leadership has been visible in nearly every facet of campus life that involves student activities — from the organization of the first Costume Design Spring Fashion show for the Design department to membership on that department's curriculum review committee; from programming and publicity work for an intercollegiate ski touring race, a Scandinavian Days series or the Saint Paul Campus Juried Art Show to involvement in major workshops and conferences on Woman Power, Student Leader Governance Retreats and Financial Aid.

The University administration also recognized her capability to finish the job at hand and appointed her to task forces, building advisory committees and Welcome Week programs.

Yet Peggy's major involvement has been with the Minnesota Union Coordinating Board (MUCB) which she chaired this past academic year and which she considers a fantastic educational experience. This board — which can test the stuff student leaders are made of — is charged with the coordination of three autonomous student unions on the University's East Bank and West Bank campuses and in Saint Paul, for their policy-making, and for the care and presentation of their multi-million dollar budget, as well as with maintaining relations with food service and other University units encountered in day-to-day operations and long-range planning.

Peggy is justly proud of the initiation of the *MUCB Newsletter* during her tenure, and the clout and respect it has gained from the University administration. She also can point to a solid MUCB organization and its successful research projects and planning for the union construction on the Saint Paul campus.

It has been a big year for Peggy — she graduated this June with a bachelor of science degree in costume design. Now she's hoping to go on to graduate school to study counseling so she can later work in student personnel.

Oh, yes, Peggy has also worked a full 40-hour week during her four years at Minnesota, in addition to her student activity involvements. She says she doesn't sleep very much.



Photo by Susan Andrews

Johanna Ashkar

Johanna, who says that if she has to adapt to a new site, she will, and not worry about it, spent most of her youth abroad in Lebanon and North Africa, where both of her parents worked for the government.

The capabilities she has developed to adapt quickly to new people, different environments and foreign cultures, have made her a natural for orientation work at the University of Minnesota.

This summer she is co-coordinator of student orientation, a special two day orientation program for the Twin Cities campus and as such is involved in its planning, training, Freshman, Sophomore, Junior and Senior orientation leaders, in aiding new students, in registering, and making the transition to a metropolitan campus.

"We have tried to give students a basic knowledge of how to go about earning the 180 credits necessary for graduation from the University as well as developing a sense of belonging in the University community," she said.

Sometimes those two days can be an overwhelming experience for a new student who might tell his orientation leader that he has decided not to enter the University fall quarter after all. "I find it's easy to take care of a new student who might make such a decision," Johanna said. "I can usually find out what's bothering him and answer his questions."

She is also eager to have new students know about the special programs the Orientation Office has developed for the handicapped and in minority concerns.

Johanna moved to University orientation work from work as a volunteer in orienting American high school students going abroad under the Rotary program. This is a major cultural exchange program which Johanna participated in as an exchange student to Japan.

"I've been doing this for four years and I never lose the excitement of being an exchange student and living in a foreign country," she said.

Johanna has always worked while she attended the University. Last summer she was a tour guide for exchange students traveling throughout the United States. She returned to the Minnesota campus to be an orientation leader.

She has also worked in a University Hospitals laboratory and in a nursing home. She still returns to that nursing home as a volunteer because she enjoys senior citizens.

Next fall she will be a senior. And after graduation? "I'd like to do something that will offer travel opportunities," she said. Or she might pursue graduate studies abroad.

But Johanna will always know that Minnesota is home base. "When I was a child I used to look at a globe to find Minnesota. I knew I belonged there," she said.

73rd Annual Minnesota Night joins friends from around world

(From page 1)

Scott Sorenson, Minnetonka, Minnesota, on trumpet; Paul Straka, Saint Paul, on French horn; Bruce Collings, Edina, Minnesota, on trombone; and Scott Anderson, Northfield, Minnesota, on tuba. Rolf and Straka are freshmen, Collings and Anderson sophomores, and Sorenson a graduate student.

Before the evening ended, Alumni Association National President Tom Swain presented the quintet with a check for \$500 from the Association to be used for the Music Library. Swain said that the Association is pleased to be able to recognize student achievement and effort at the University.

Acting as master of ceremonies for the Association's Annual Meeting, as well as its 28th Annual Honors Presentation, Swain announced the slate of officers selected by the nominating committee, who were duly elected.

M. Elizabeth Craig '43BS '45MD (Mrs. Howard Lincoln), a St. Louis Park, Minnesota, pediatrician, will serve as the Association's first woman president in 1977-78. An active leader in local and state medical associations, Dr. Craig volunteers time at a teen-age walk-in medical center and is a consultant to the health councils of two suburban schools.

A church deacon and member of Zonta International, she is also involved in youth athletic programs.

Serving with her in the coming year will be First Vice President Alan K. Ruvelson, Sr., Saint Paul; Second Vice President Robert K. Sheran, Saint Paul; Secretary Diana Kuske Murphy, Minneapolis; and Treasurer Ronald L. Simon, Hopkins, Minnesota.

Ruvelson '36BBA is president and director of the First Midwest Corporation.

Sheran '39LLB is chief justice of the Minnesota Supreme Court, and Murphy '54BA '74JD is a Hennepin County Municipal Court judge.

Simon '54BBA '57LLB, a past president of the M Club, is a partner and practicing attorney with the Minneapolis firm of Simon, Schneider & Zimmerman, P.A.

Nine new board members were also elected to serve four-year terms. They include:

Betty Barnhardt Clapp '56BA, Saint Paul, who has returned to the University campus as a student and teaching assistant in the Studio Arts department and who is a past president of the Minnesota Alumnae Club;

David Mona '65BA, Edina, Minnesota, director of corporate publications for International Multifoods;

Richard R. Quinlivan '49BSL '51LLB, St. Cloud, Minnesota, a member of the firm of Quinlivan and Williams;

Barbara Thornton Lockwood '53BHEc, Minneapolis, who runs her

MAA board member receives an OAA

Robert Sheran '39LLB, Chief Justice of the Minnesota Supreme Court, received an Outstanding Achievement Award from the University of Minnesota during the Law School's graduation exercises on June 10.

University President C. Peter Magrath took part in the ceremonies which were held in Northrop Auditorium where degrees were awarded to 211 Law School graduates.

Sheran was elected second vice president of the Minnesota Alumni Association at the Association's Annual Meeting on June 4.



FOUR OUTSTANDING UNIVERSITY GRADUATES were honored at the 73rd Annual Minnesota Alumni Night on June 4. Astronaut Donald K. Slayton '49BSAeroEng (left), Goodyear President John H. Gerstenmaier '38BSME (third from left) and William N. Carey, Jr. '37BCE (right), a national pioneer in transportation, received University of Minnesota Outstanding Achievement Awards from University President C. Peter Magrath (second from left). Wallace E. Salovich '50BBA '56MHA (second from right), a past president of the Alumni Association, received the University's Alumni Service Award. Photo by Paul Wychor

The President's Report

Association's national leader Tom Swain addresses a "year of transition" . . .

I would like to reflect on the year in which I have been privileged to serve as your Alumni President. It has been our year of transition. All organizations go through that process periodically. Fortunately, we have been called on to do that just three times in 73 years, thanks to the long tenure of retired director, Ed Haislet.

I had the opportunity to serve as a member of the Search committee for a new alumni director, and found this to be a most educational experience, as we heard from good people who serve in the alumni profession at other universities. All were impressed with the rich heritage of our alumni, and with the opportunities for achieving even greater heights in the future with a good Minnesota program.

Our new director, Vince Bilotta, came to us last fall after serving 14 years in the same profession at the University of Kansas. Since that time, we both have kept a fast pace trying to keep up with the many programs organized by Ed Haislet and his staff, plus attempting to re-evaluate and provide some new direction to an already active Association.

The Minnesota alumni program is making every effort to become a more supportive arm of our University. We exist as an organization because as members we attended, benefitted and have allegiance to the University. We should be constructively supportive.

All programs of the Association are under careful scrutiny. Many will be upgraded, some may be discontinued. In any event, Association leadership is committed to providing the best alumni organization possible to enhance the mission of our University.

We are gearing our program to a renewed effort of identifying, locating and communicating with University graduates — rekindling in them a spirit and pride in Minnesota. Spirit and pride are elusive. The older we get the more difficult it is to rekindle spirit and evidence pride. But it is important, and one way to sustain spirit and pride is to develop new alumni programs designed to involve greater numbers of alumni, and thereby provide new ways for their participation.

For the first time in the history of the Association, the paid membership total

passed the 18,000 mark. That figure alone is greater than the size of many cities in our state.

While this provides a good base for the beginning of what we all want to follow, we must concentrate more on increasing that membership pool of interested alumni. We know we can do better, but it takes many to make it all happen. All of you have many alumni friends or associates who should belong. Do what you can to help us.

One of the great needs our Association has is to achieve greater visibility, both off-campus and on. We need to have an Alumni Center building on-campus so current students can become better aware of the Alumni Association before they scatter to all spots on the globe.

Future alumni programming will include activities for students. Our University Foundations, which work in concert with the Alumni Association, need to be housed physically with our Association staff. The University alumni records also need to come under the same roof. We are fortunate to have a University president who supports these concepts.

The fiscal affairs of your Association are in good order. Thanks to the careful management of previous officers and executives, a healthy surplus has been accumulated, which has been earmarked for construction or acquisition of a building for the purposes just mentioned.

A committee has been working on this project in conjunction with the foundations and University administration, and we look forward to the day when this project becomes a reality.

Perhaps one of the Association's most visible assets is the beautiful Alumni Club located on the 50th floor of the IDS Tower. In the heart of the downtown Minneapolis community, this unique facility offers alumni a quality place to meet and dine.

What was begun three years ago by some far-sighted leaders has turned into what may be the only facility of its kind in the nation. Certainly it is one of the best.

If you are a member, you know that there is a lot of action there, with new music, special promotions and good

food. If you haven't joined, you should consider. It's a bargain.

Another mission of our Association is to help make you and others aware of the University's needs. Through efforts of the Minnesota Foundation, in the short period of its history, the University has catapulted into the top echelon of universities receiving private financial support.

The following is a quotation from the University Foundation's 1976 Honor Roll Report: "Legislatures can build strong public universities, but only private financial assistance can build great ones." Private contributions now account for six and one-half percent of the University's needs. This figure is growing, but not rapidly enough. Without a much expanded base of private giving, it's doubtful our University can sustain greatness where it exists, or achieve greatness where desired.

The \$27.1 million raised from private sources last year ranks us seventh in the nation and first in the Big Ten. That's good news.

On the other hand, Minnesota alumni private giving ranks last among schools in the Big Ten.

I'm not going to tell you our Alumni Association proposes to become a fund-raising arm. That's not our purpose. But, we do intend to work more closely with the foundations to ensure the University story is told to an ever-widening base of alumni in the hopes more will listen and respond.

Certainly whatever each of us is today is in significant measure influenced by our University student experience. For those of us in a position to do so, we should consider something more than vocal allegiance and loyalty.

For those of you who have made financial contributions, we thank you. The margin of excellence Minnesota enjoys cannot come from state support alone. We need your participation in every way.

All in all, I have a good feeling about our Alumni Association and the direction it is heading. The organization is a good one, and it has an opportunity to become one of the best, primarily because of the quality of the University and of the alumni it serves. We should all be encouraged by that prospect.

own consulting firm, Barbara R. Thornton Associates, which serves clients locally and nationally in all phases of food-consumer marketing; and

David D. Young '70MSW, Minneapolis, a social work supervisor in the Family Counseling Services division of the Hennepin County Welfare department who is a past president of the School of Social Work Constituent Society.

At-large directors include Fredrick J. Dresser '55AA, Minneapolis, vice president and assistant to the president of Midwest Federal Savings & Loan Association;

John W. Mooty '43BSL '44LLB, Minneapolis, an attorney with the firm of Gray, Plant, Mooty, Mooty & Bennett;

William D. Gasway '54BIE, Cedar Rapids, Iowa, president of J. P. Gasway Company, Inc., wholesale distributor of paper foods and printing supplies; and

James M. Ramstad '68BA, Washington, D.C., an attorney who teaches at The American University.

President Swain also announced the members of the Executive committee who will serve for a year's term along with the new officers. They are:

Beverly A. Kees '63BA, Minneapolis, assistant managing editor of the *Minneapolis Tribune*;

Bert O. Lund, Jr. '42BBA, Saint Paul, vice president and director of The Webb Company and publisher of *The Farmer* magazine;

Wendell L. Olson '48BBA, Bloomington, Minnesota, vice president of Banco Properties, Inc.;

William J. Hickey, Jr. '47BBA, Inver Grove Heights, Minnesota, chairman of the board of the H. M. Smyth Company, Inc., and

David L. Mona of Edina, a newly-elected board member.

Following the recognition of retiring board members Joseph L. Flaig '40BA, Betty Ebeling Kane '30BA '31MA, Richard H. Kyle, Jr. '54BA '62LLB, Harold Rosenzweig '42BBA, Wallace E. Salovich '50BA '56MHA, Margot Auerbacher Siegel '44BA and Sidney J. Wolfenson '40BEE, the President's and Director's Reports were presented. They are carried elsewhere in this article.

After the introduction of previous OAA and ASA award recipients, and the 1977 Awards Ceremonies, President Tom Swain turned the gavel over to Incoming-president Peg Craig.

In recognition of the leadership and dedication Tom Swain has shown the Alumni Association, Dr. Craig presented him with a special certificate of appreciation and a limited edition Sterling Silver Plate, specially minted for the University of Minnesota Alumni Association and carrying the Regents' Seal in gold.

The Director's Report

Dedicated alumni leadership, diligence make Association effective, Bilotta says

When I accepted the invitation to come to Minnesota, I felt good about the opportunity to come into an alumni program that had been guided by a strong, steady leader in Ed Haislet. His many years as alumni director have made a significant mark upon all of us who make up the Minnesota Alumni Association.

For his good planning and for his foresight, we have the advantage of an Association with a strong foundation. I found that our alumni who are involved are dedicated to doing whatever they can in so many ways to help the University of Minnesota. That is a tribute to past alumni efforts and to the quality of a University we all have the privilege of knowing.

We have made progress these past eight months. While all of it is not visible, a good beginning has been made for a productive alumni effort in behalf of the University of Minnesota.

We have intentionally devoted this year to a careful examination of our internal affairs, including staff, facilities and communications efforts. That process is still underway, and I am sure it will consume more than the year I had originally planned.

Because we rely so heavily on the printed word, one of our first aims was to add to our staff a full-time art and production director. A number of projects developed in that department are now emerging, including new membership materials and a recent Minnesota decal mailing, with much more to come, including a re-design of our alumni publications in time for fall.

I hasten to add, though, that while we have a person responsible for that function, all of the professional staff participate in our projects as a team. When a finished product emerges, it has passed critical input from all of us.

I am proud of the professional and clerical staffs who serve our members. In this period of transition, they have been open-minded, constructive and willing to share in whatever needs to be done. While we may lack in quantity, quality is no deficiency.

A big factor in our progress to date was President Tom Swain's calling together of a Long Range Planning committee. Under the direction of Peg Craig (incoming president), these alumni meet monthly to evaluate current programs, and to recommend the implementation of new ones. To date, this committee has accomplished:

- A revision of the Associate Member category to enable friends of the University of Minnesota who did not attend, including faculty, administrators, parents of students and a number of others in the community with a high interest and involvement in the University, to participate in all alumni activities and programs.

- A new dues structure soon to be announced to the membership. While it actually does not increase our regular dues rates, it does provide for a consistent discount membership program for both recent graduates and for those near retirement age. It also introduces a new installment life membership plan, which enables alumni to build toward life membership annually at a very reasonable cost. This installment program was encouraged by our younger alumni.

- An upgraded Minnesota gift program is another of the committee's new projects. This program exists as a service to our members to provide quality Minnesota gift items at below retail cost. It is another effort to give our University greater visibility.

- The committee is currently undergoing a thorough investigation of the Constituent Society program, our alumni organizations by college or school within the University. Since this is to be one of our most important alumni efforts, the subject is receiving careful study.

- There are many other things happening for us, such as the formation of a By-Laws Revision committee under the leadership of Diana Murphy, secretary of the Executive committee.

- The reactivated Building committee will select a site and plan for construction of a new Alumni Center on or adjacent to the campus to house together the Medical Foundation, the University of Minnesota Foundation and the Alumni Association.

- A minimal upgrading of the existing Alumni Center off the campus on University Avenue is underway. New outdoor signs inform the public we live in that large office building, a University flag flies outside, and, inside, offices are being painted and carpeting covers the tile floors. In addition, a new conference room was furnished so alumni leaders may have a place for those wonderful 7:30 a.m. meetings! Another of Ed's legacies, and one we can't do without. Our alumni leaders are very busy people in all walks of life, and that

is about the only time we can count on all of them being available.

- A new Publications Advisory Council, under the leadership of alumnus Harold Chucker, consists of journalism alumni who will meet throughout the year to provide helpful input to our publications staff. I place this program at the top of our priority list. *Minnesota Alumni News* is a good publication now, but with greater involvement by these professionals, it will be even better.

- And what an asset is the Minnesota Alumni Club. I can't think of any alumni program offered by any university that gets such constant daily use by a university's alumni. It is a boon to the University, too, particularly helpful in entertaining out-of-town dignitaries and in recruiting new faculty and staff. We know many of you share that pride because you are current Minnesota Alumni Club members.

The level and the degree of interest by our volunteer leadership attracted my attention early. Those dedicated folks on the Executive committee, for example, meet monthly, and they meet intensively on those occasions, to guide the operation of your Association. In addition, many of these same people serve as the Alumni Club committee, requiring their involvement an additional time each month. And their attendance record is phenomenal.

I can't express adequately the appreciation I have for these people, who not only are alumni leaders in the truest sense, but who, in this short time, have caused me to feel as though they are truly friends, people who can be relied upon for direction and constructive feedback.

President Tom Swain is one of these leaders. His presence communicates that. Additionally, he is most articulate, he possesses that intangible relationship between an alumnus and his University, and he knows where we should be going. He has done a great job in helping this new director keep on course.

After reflecting on these past eight months, I retain that good feeling I had last summer about the opportunity that exists with our dedicated alumni and the prestigious University of Minnesota. We have much we want to accomplish, but we are confident that with your help and involvement, we will enhance the effectiveness of the Minnesota Alumni Association in behalf of our great University.



Dean leaves her estate to School of Nursing

Irene G. Ramey, dean of the University's School of Nursing, speaking May 2nd at the Annual Nursing Alumni Day, announced that she has bequeathed the bulk of her estate to the University of Minnesota School of Nursing.

The interest from the endowment, Dean Ramey explained, will be used for basic and applied research by faculty and graduate students in the School of Nursing.

"In nursing, one must play a model role," she said. "In providing necessary research dollars for nursing research, it is my hope that I am being such a model for nursing graduates everywhere."

"It is my personal goal to develop the School of Nursing to at least equal stature, and possibly surpass, the other health sciences schools in the excellence of its teaching, research and public service. Achieving this goal demands the attention and support of all nursing alumni," Dean Ramey said.



Nursing Dean Irene Ramey

MUSIC GRADUATE STUDENT Scott Sorenson, a trumpeter in the University's Brass Quintet, accepted a check for \$500 from Alumni Association National President Tom Swain during the 73rd Annual Minnesota Alumni Night at which his group performed. The money will be used to purchase badly-needed materials for the Music Library. Scott was on his way to Music Department Chairman Lloyd Uitan's office in Scott Hall when this picture was taken.

Photo by Paul Wychor



Activities of Interest to Alumni

JUNE

26 Minnesota Alumni Evening at the Pops, 7 p.m., Symphony Hall, Boston. Contact Arnold Lepisto, Boston chapter secretary, #4 Belmont Road, Natick, MA 01760, for reservations.

JULY

9 San Francisco Area Minnesota Alumni Picnic, with Alumni Director Vince Bilotta, National Alumni President Peg Craig and others from campus. Contact John E. Sorenson, 5229 Laurel Drive, Conrad, CA 94520, for reservations.

AUGUST

28 Veterinary Medicine Alumni Society's Jubilee I Riverboat Party on the St. Croix River, board 6:45 p.m., Stillwater landing.

SEPTEMBER

17 Minnesota Alumni Pre-game Party for Ohio State game, Columbus, Ohio.*

OCTOBER

8 Minnesota Alumni Pre-game Party for Iowa game, Iowa City, Iowa.*

29 Minnesota Alumni Pre-game Party for Indiana game, Bloomington, Indiana.*

NOVEMBER

12 Minnesota Alumni Pre-game Party for Illinois game, Champagne-Urbana, Illinois.*

*Details in September issue, or contact the Alumni Center.

Coffman cooling solution waits for Fall discussions

The Twin Cities Student Assembly (TCSA) delayed, in early June, a committee recommendation that University students pay for air-conditioning Coffman Memorial Union, ensuring that the Board of Regents will not act on the issue until September.

The Student Services Fee committee had recommended to TCSA that students pay \$1.40 per quarter to cool Coffman Union. The committee has been working on alternatives to the reportedly \$1.4 million air-conditioning project since last September. These alternatives included seeking legislative help or conducting a fund drive, neither of which was possible.

A recent poll by Student Life Studies, assessing student opinion on the subject, showed that 43 percent of those surveyed are willing to pay the \$1.40, while 54 percent said they did not want to pay.

Consequently, Student Services Fee committee members felt student-paid air-conditioning would be more feasible in the long run, rather than facing the possible closing of Coffman.

The union building, which had been considered hot by those who used it back in 1940 when it first opened, became hotter last summer after large glass windows were installed as part of the facility's renovation. A study prepared for the University reportedly predicts that, in some parts of the building, temperatures may reach 110 to 115 degrees when its 89 degrees outside.

According to an article in the *Minnesota Daily*, written by Mary Jane Smetanka, last August a number of individuals who worked in Coffman filed an Occupational Safety and Health Act (OSHA) complaint against the University, charging that excessive heat was hurting the people who worked there. OSHA representatives checked Coffman's temperature and found it was one degree below the level at which they could take action. If they had found the heat in the building had exceeded federal health standards, they could order the facility closed.

University Vice President for Student Affairs, Frank Wilderson, feels other alternatives should be explored before hiking student fees or air-conditioning the building. Some of these include closing all or part of the building for short periods of time during peak heat periods, shading the glass walls, moving some activities to different parts of the union and/or consolidating them into smaller areas, according to Wilderson.

University Regents have already approved a \$3.50 hike in the 1977-78 quarterly student fee, raising it to \$51.50. Wilderson does not foresee adding an air-conditioning fee to this by fall quarter since the proposal would have to be acted on at the Regents' July meeting. The administration has undertaken a study of

the situation and the results are not expected until next fall.

Meanwhile the Student Services Fee committee is seeking other funding sources and will report to TCSA during fall quarter.

University gets grant for health programs

The University has received a \$476,075 grant from the W. K. Kellogg Foundation of Battle Creek, Michigan, to expand its independent study programs for people in health professions. School of Public Health programs in hospital and health care administration will use the three-year grant to expand capabilities in nursing services, long-term care and hospital administration.

Eight years ago the University offered the first independent study program to hospital administrators as an alternative to full-time, on-campus education. Since then, the Kellogg Foundation has funded independent study courses for directors of nursing and those seeking careers as long-term care administrators.

Lee D. Stauffer, dean of the School of Public Health, said the new programs will be "an effective way to make education in health administration available to those who are working full-time as leaders in the health care industry."

Assistant and associate directors of nursing services will be served by a new patient care administration course. According to Project Director Sharon Danielsen, those who direct nursing services and public health agencies at a "second level" will get help in improving their management skills through this course.

The new independent study program in long-term care administration will be directed to licensed administrators who are already working in the field. Other programs are generally intended for those who are preparing to enter the field. This course will be offered at the graduate level.

The grant also will allow the current hospital administration independent study course to expand beyond the area it now serves — eight states in the midwest and northwest and Manitoba, Canada. Participants in this program study departmental management, relationships between departments, the medical staff, board and community, and external forces affecting health care.

All three programs are coordinated by Vernon Weckwerth, director of the Office of Continuing Hospital and Health Care Administration.

Founded by the breakfast cereal pioneer W. K. Kellogg in 1930, the Foundation supports programs in health, education and agriculture in the U.S., Canada, Latin America, Europe and Australia.

U brings graduation to student



HIS FACE HIDDEN by a surgical mask, University President Peter Magrath (left) presented her diploma.



JUNE GRADUATE Edna Olson beamed as she answered questions from the press about her unusual collegiate career.

All her life, 67-year-old Edna Olson of Two Harbors, Minnesota, wanted to earn a college degree.

After 13 years of night school at the University of Minnesota, Duluth (UMD), she reached that goal — a bachelor's degree in history and English. Yet she was not among the 833 members of the Class of 1977 who attended commencement exercises on June 10 at UMD's Physical Education building.

Mrs. Olson was in Minneapolis undergoing treatment for acute leukemia at University Hospitals.

So the University administration brought graduation to her.

Wearing a traditional academic cap and gown, along with the maroon and gold cords of an honor student on her shoulder, and surrounded by her husband Harold, four of her five children and a score of photographers and reporters, she was presented the degree of bachelor of arts, cum laude, by University President C. Peter Magrath. UMD Provost Robert Heller was also on hand for the June 9 presentation.

"You are a living testimonial for what perseverance, strength and human dignity are all about," Magrath said through his mask as he gave her the diploma. Everyone present, but Mrs. Olson, wore sterile masks and gowns.

Doctors said that she was in the critical stage of chemotherapy to stop the production of cancerous blood cells, a stage which made her very susceptible to infection. Yet they felt her graduation took precedent.

According to one of her doctors, the survival rate for her kind of leukemia is about two to three years.

"I'm grateful for every day," Mrs. Olson said. "Maybe I'll have a remission. I've always wanted to go back to school and take a class in astronomy — maybe I still will."

Leukemia is not all that has threatened to cut short her college career. Three years ago, she underwent surgery for a defective heart valve, also at University Hospitals.

Mrs. Olson, whose husband is a retired postmaster, started her college career in 1964 when she joined a car pool to attend Continuing Education and Extension classes at UMD. Her hometown is 21 miles east of Duluth along the North Shore of Lake Superior. Since then she has traveled thousands of miles, sometimes making two or three trips a week to Duluth for evening classes and a few day school classes.

"All of my five children had completed their schooling and moved away from home and my doctor told me I should find something positive to do," Mrs. Olson explained. "Going to college was my answer."

Was it hard? Mrs. Olson admits she really wondered at first if she could keep up with the other students. "The first class was the toughest. But English Professor Wendell Glick was

so patient and kind — as were all the UMD faculty — that it soon became a pleasure.

"My horizons were expanded. I was exposed to concepts I never would have thought of staying at home or watching television. Going to college made me think again. I had to use my memory again.

"It's just great."

Protestors picket Foundation offices

Visible and vocal protest returned to the University campus in late May when about 25 individuals gathered outside of Walter Library, a Minneapolis campus building housing University of Minnesota Foundation offices, and demanded that the Foundation divest its holdings in corporations with investments in South Africa.

The protestors, reportedly members of an organization called the International Committee Against Racism, circled the building for nearly a half hour before entering the lobby to picket the first floor entrance to the Foundation offices.

Dick Meyer, associate director of the Foundation, stood outside the entrance while demonstrators chanted, "U Foundation, you can't hide; we charge you with genocide," then fielded questions from the demonstrators.

Reportedly, the University Foundation seeks to invest the University's funds in the best possible manner for the best possible return, and does not seek to involve itself in the political issues of countries where companies in its portfolio have holdings.

Smight receives U award

Jack Smight '49BA, motion picture and television director, received the University of Minnesota's Outstanding Achievement Award at the Theatre Arts department's annual University Theatre Recognition Ceremony in June on the Centennial Showboat.

Smight, whose film credits include "Airport 1975," "Midway," "Harper" and the Emmy-winning "Eddie," is completing work on his current film, "Damnation Alley."

His nomination for the University award was endorsed by Charlton Heston, actor and president of the American Film Institute; Peter Graves '45-'49, actor and 1968 Outstanding Achievement Award recipient; actor Rod Steiger; and producers William Frye and Walter Mirisch.

Smight was born in Minneapolis and attended Cretin High School in Saint Paul. He currently lives in West Los Angeles.

LETTERS

Makes membership a present . . .

My son, John, graduate of the College of Agriculture, June 1969, joined the frozen food products research department of Pillsbury Company in Minneapolis this March! Previous to this he was in the food research department of Ralston Purina in St. Louis, Missouri. He now lives in Eden Prairie, Minnesota.

His birthday is April 26. I wish to buy him his first Minnesota Alumni membership. Please send him his membership card and a covering letter for his birthday.

M. J. Erlandson '43BSAg '47MS
Cokato, Minnesota

A proud graduate remembers . . .

The 50th Reunion of the 1927 Class is rapidly approaching, and my wife and I hope to be present.

My years at Minnesota were very fruitful as regards to my professional career, leading to my being vice president-technical policy at Libbey-Owens-Ford Company for several years prior to my official retirement in April 1970. My job permitted making countless trips to all parts of the world. In short, my graduation from Minnesota as an architectural engineer certainly proved a stepping stone to an interesting and challenging career.

In retrospect, my only regrets of my college days was the inability to join a fraternity due to the need to work my way through school and the fact I missed out on Tau Beta Pi, although this was compensated in part by the winning of the faculty scholarship prize of a most-valued professional engineering library.

Please credit the enclosed check to the Class of 1927 Fund as a small token of appreciation for being a member of that class.

Roy A. Nyquist '27BArch
Consulting Engineer
Toledo, Ohio

Band members make year-round musical contributions . . .

I am writing concerning the University of Minnesota Marching Band which was featured in the February issue of the Alumni News. In addition to all of the fine comments in the article, I would like to let people know that when the football season is over individual groups from this great band make themselves available as part of the Community Resources Volunteers program for the elementary schools of Minneapolis.

Small groups demonstrate instruments of their band: brass or woodwinds. They introduce the instruments to the students, have them listen for parts and listen for harmonies and are very popular with our school children.

Betty Jane Reed '75BSEd,
Teacher Coordinator
Community Resources Volunteers
Minneapolis Public Schools

Regrets from Italy . . .

I am deeply grateful to the board of directors of the Minnesota Alumni Association for the very kind invitation to attend the Twenty-eighth Annual Alumni Honors Presentation and the Seventy-third Annual Meeting of the membership on "Minnesota Alumni Night" June 4.

It was a great honor for me to receive an Outstanding Achievement Award from the University of Minnesota in 1964 and I would be delighted as well as honored to attend the meeting and to return to the United States and to Minnesota, which I love as my own country.

Unfortunately, my health has not been very good lately, and on account of this and much to my regret, I shall be unable to come to Minneapolis for the Annual Alumni Honors Presentation.

Dr. Piero Frugoni, '39MS, Director
Institute of Neurosurgery
University of Padova
Padovi, Italy

FACULTY PROFILE

Fetler likes to combine composing with teaching

By Wilma Smith Leland '26BA

Paul Fetler gave five new compositions to the American public during the Bicentennial year.

In March the Macalester College Trio premiered "Pastoral Suite," commissioned by Joseph Roche. Three months later the Minnesota Chorale performed "Songs of the Night," written under a grant from the National Endowment for the Arts, commissioned by Robert Berglund.

In July a sacred cantata, "Dream of Shalom," was first presented in Minneapolis.

Jeffrey Van, a Twin Cities classical guitarist, introduced "Six Pastoral Sketches" for guitar in early fall. His program also included an older work, "Dialogues," written for guitar and flute.

The year's premieres concluded in late October when the Minnesota Orchestra performed "Three Poems by Walt Whitman," narrated by Paul Ballantyne of the Tyrone Guthrie Theatre.

Fetler, University professor of music, has been quoted as saying that the academic environment is a place where composers do indeed get a chance to work.

With so prolific an output for 1976, what he has accomplished in an academic environment is obvious, but how does his campus association contribute to his work?

"In teaching composition you are dealing with creative problems. Students learn structure, harmony, counterpoint, but their ideas must be their own and they must learn to express those ideas. We can help them with the craft," Fetler said.

"I find teaching very stimulating. And I find it helps me in composition.

"Teaching is good for a composer. My schedule gives me time to compose in the morning and to teach in the afternoon."

Do you work every morning?

"Yes, unless academic duties require me to be on the campus. I work at home from 8:00 until noon. But I was on sabbatical when I was working on the Bicentennial compositions," Fetler said.

He has just finished another orchestral work.

Do you work on one composition at a time?

"No, I sometimes have two or three on hand. I may take a breather with one, just for variety's sake."

Do you compose at the piano?

"No, not at all. I do work out some details at the piano and I test chords there, but tying oneself to the piano is a bad habit.

"I studied with Hindemith at Yale. He never composed at the piano, but Stravinsky did.

"The conception of a composition always starts in the mind. The mind is freer than any mechanical instrument. It is better to depend on the mind."

Do you hear the instruments as you compose?

"In composition you start with a foundation. According to the style you wish to develop, you build a master plan, just like a house. You decide the kind of emotion, the qualities assigned to the work and then you build from there. You imagine it and then you put it all together," Fetler said.

"In the 'Three Poems by Walt Whitman' I spent about six months choosing the poems I wanted to use. Emotions were different for each. I didn't start at the beginning of the work, but with the expression of emotion I wanted to express — like the trumpet sound in 'Beat! beat! drums!'."

Fetler's music is filled with emotion and lyricism. In tracing the history of composition from the romanticism of the 19th century to the revolt against it in the 20th, he said that now the pendulum is swinging back to music that expresses emotions of humanity, not of the individual composer alone.

He feels that it is dangerous for music to have no emotional quality. His goal is to write the most beautiful music possible.

"All creative work is universally composed, whether it is music, painting or writing," he said. "It starts with an idea and evolves from there. Humanity in music is most important today."

There is also experimentation in modern composition. For awhile during the 20th century, composers were austere, revolting against the richness in 19th century music. Their neo-classicism seems dry today. In the '30s all art was abstraction, without emotion.



COMPOSER PAUL FETLER, University professor of music, loves to use a variety of instruments for his musical communication, some as strange as bamboo whips or a toy piano. When talking to him, one gets the feeling that musical notes in his mind are like clay to the sculptor. He plays with them, negotiates with them and comes to terms with them to produce beautiful music.

"Now there is a return to music with greater human quality, greater feeling for emotional expression, warmth and beauty," Fetler said. "There is an emphasis on the 'expression side,' a quality which is becoming the focus in music.

"In the 21st century abstraction will be included in the mainstream of expression. Technology's electronic music is necessary in experimentation."

Fetler composes for the guitar as a solo instrument although he does not play it. This is his experimental ground, where he must find for himself, for instance, what the left hand can do. He likes the instrument very much.

He does not compose for the solo voice. He hasn't had an opportunity to write a commission for the medium and, in the time he has for composition, he wants to write what he likes.

In December the Indianapolis Symphony will premiere his newest work, "Celebration," conducted by John Nelson whom Fetler calls "a very fine conductor."

What about conductors? Do you have a favorite?

"I like anyone who has empathy with my music. I respect the conductor who is sympathetic with emotion today," he said.

Do you ever hear your music until it is rehearsed?

"No and a composer should never go to the first rehearsal. It is horrible. I never recognize the music."

When you have heard it, do you rewrite?

"Never, except a tiny detail once in a while. All of the writing must be done by the time the orchestra or choral group begins rehearsals," he said.

Fetler likes to conduct himself. When the University Chorus, with narrator, organist and percussionists, performed the premiere of "Lamentations" at Northrop Auditorium, he conducted. He has also conducted a full concert of his music, including "Toccata for Organ," "Six Songs" and "Lamentations."

Fetler's First Symphony was performed at the 18th annual Festival of Music in Rochester, New York, in 1948, the year he received his master's degree from Yale. He became an instructor in music at Minnesota in the fall of 1948, an assistant professor in 1956 after completing his PhD at the University, an associate professor in 1958 and professor in 1960.

A slight accent in Fetler's speech betrays that, although he was born in Philadelphia, he spent much of his life in eastern Europe before he entered Northwestern University. His mother was Russian and his father a missionary in Russia until he was exiled to Latvia. Fetler returned to the United States in 1939.

He served in the American Army as a liaison officer and Russian interpreter. While

stationed in Berlin, he conducted his "Prelude for Orchestra" with the Berlin Philharmonic.

In 1953 he returned to Berlin on a Guggenheim Fellowship, studying under Boris Blacher. He wrote his Third Symphony at that time. It was premiered at the Minneapolis Symphony under Antal Dorati in 1953.

The Yale School of Music Alumni Association has awarded Fetler a Certificate of Merit, which says, in part, "Your intimate comprehension of music's power to enchant and to communicate continues to result in an undiminished flow of important creations."

There have been over 100 compositions for symphony orchestras, chamber orchestras, violin, guitar and flute, organ and chorale groups of varying sizes.

Fetler has composed background music for the nature films of the James Wilkie Foundation, as well as conducted recordings for the films. He has also composed for or had his music used by dance groups. He has received two Guggenheim Fellowships, the Alice M. Ditson Award and annual ASCAP awards since 1962.

What lies ahead?

"I am preoccupied with the present," Fetler says. "I move from work to work and evolve with the times. I don't worry about the future. It is an instinctive thing — writing takes care of itself."

Showboat plays musical

One of America's first musical comedies, "The Black Crook," opened June 14 on the University of Minnesota Centennial Showboat.

The play, written by Charles M. Barras, was first presented in 1866 in New York.

The Showboat cast for this production includes 16 University theater students.

This will be the 20th season of operation for the boat, which is docked below the University of Minnesota East Bank campus on the Mississippi River.

Due to construction along the river bank, the Showboat will not be accessible this year by car. A shuttle bus will travel between a parking ramp on East River Road and the boat before and after each show.

Robert Moulton, professor of theater, is directing the 1977 Showboat production which runs through August 21. Performances will be Tuesdays through Fridays at 8 p.m., Thursdays at 2 p.m., Saturdays at 7 and 10 p.m. and Sundays at 7 p.m.

Tickets are on sale at Rarig Center and Dayton's. Admission is \$3.50 for the general public and \$2.50 for senior citizens and students.



They came from all corners of the United States, from California, Texas, Maryland, Washington, New Jersey and New York, Florida, Missouri, Pennsylvania, Oklahoma, Colorado, Virginia, Montana, Massachusetts and Arizona.

They came from the neighboring states, Ohio, Illinois, Michigan, Iowa, Wisconsin and North Dakota.

More than half of them came from their University's home state of Minnesota.

They were the members of the Class of 1927, whose cheerful countenances and eagerness at the sight of an old friend and classmate matched the sunniness of the early June day marking their Golden Anniversary Reunion.

Nearly 200 strong they came filled with memories of a University in the late 20's, of the Knoll area that was the center of the campus, of the fun of snitching the Blarney Stone from the "Farm" campus or the reciprocal "kidnapping" of a collegiate queen, of a championship football team, of the hope of youthful dreams and the hard work that was needed then to obtain a college degree.

They came to share news of their careers, of moves to new retirement communities, of travels, of achievements, of children and grandchildren.

They excitedly searched the crowd at the morning registration in the Great Hall of Coffman Memorial Union on the Minneapolis campus, glancing at the 1927

Gopher Yearbook photos pasted on name badges, until they recognized a familiar face and name, then burst into hellos, handshakes, back claps and unending conversation.

The great mingled with the near-great as they had during their campus days. Former Minnesota Governor and presidential aspirant Harold Stassen, now a Philadelphia lawyer, was among those who came to the 50th Anniversary Luncheon in the Great Hall. Eight other University of Minnesota Outstanding Achievement Award winners joined him: Nat Finney, retired chief of the *Buffalo Evening News* Washington, D.C. bureau came all the way from Bethesda, Maryland, in a wheelchair.

Stuart L. Bailey, also of Bethesda, a pioneer in the development of frequency modulation broadcasting, exchanged stories with his electrical engineering classmates.

Herman W. Leitzow, Upper Montclair, New Jersey, retired vice president for marketing of the Schering Corporation, was there, too, as were Dr. Sam Seeley, Silver Spring, Maryland, known for his contributions to the medical knowledge of shock, trauma, emergency medical services and anesthesia, and Eldon Mason of St. Louis, Missouri, the developer of the American Red Cross Leadership Training Center system.

The CLASS OF 1927





Photos by Susan Andrews,
Minnesota Alumni News
student intern



After the luncheon, many of the class members, their spouses and guests, climbed aboard buses for a tour of the Minneapolis and Saint Paul campuses. They passed many familiar sights, now intermingled with new buildings, some carrying the names of faculty and staff members who were on the campus in their day.

The buses stopped at Eastcliff, home of University President C. Peter Magrath who was there to greet each class member personally before they enjoyed tea and an Anniversary Cake baked by the president's housekeeper, Mae McBroom, as well as leisurely self-tours of Eastcliff and its grounds.

Their cheerfulness and enthusiasm rarely ebbed throughout the full day of events. Brief respites in nearby chairs or on convenient ledges only renewed them for new activities or greeting more old friends.

Their day closed with a special banquet in the Minnesota Alumni Club on the 50th floor of the IDS Tower. There they enjoyed music of their day, and the reminiscences of a class panel composed of Nat Finney, Gladys Haugan Johnson, Harold Stassen and Roger Wheeler, as well as the emcee Gordon Volkenant.

Though their reunion ended with the day, the Class of 1927 will continue in the memories of old and new friends, but most of all, in their undiminished University of Minnesota spirit.



Among the notables who stayed in Minnesota to make their career marks were Saint Paulites Sam Grais, president of Gray's Drug Stores and a national leader in health and social welfare programs, and Judge Oscar Knutson, retired Chief Justice of the Minnesota Supreme Court; and Minneapolisite Gladys Simpson Haugan Johnson, past international president of the General Federation of Women's Clubs.

Russell Backstrom, Minneapolis, Reunion co-chairman and a University of Minnesota Alumni Service Awardee, spoke for his class at the luncheon. Howard Woo, Minneapolis, talked about the work of the Class of 1927 Alumni Fund committee, and Alumni Association National President Tom Swain was on hand to speak for the Association.

Helen Kiesner Riley of Minneapolis worked with Backstrom and committee members to make the June 6 Reunion special for their classmates.



GOLDEN Anniversary 1977

constituent and club news

Dayton alumni elect officers at spring dinner

Joseph S. Ranta was elected president of the Dayton (Ohio) chapter of the Minnesota Alumni Association at that group's spring dinner meeting. Serving with him during 1977-78 will be M. Charles Chase, vice president, and John S. McCollom, secretary-treasurer.

Board members include Jean Paulson, Ken Underwood, Duane Kuhlmann, Charles Swain, Ed Hanson, Buzz Thorson and past president Jim Micklos. Dr. H. S. Gogstetter and L. M. Reid have been named honorary lifetime board members.

More than 50 alumni and guests turned out for the dinner party held at Neil's Heritage House. They heard Col. Wally Munsey, guest speaker, tell an exciting and descriptive story about the Air Force B-1 bomber program. Many of the chapter members are Air Force-related.

Vet Med group plans July St. Croix River excursion

Members of the Veterinary Medical Alumni Society and their guests are invited to join a special excursion on the St. Croix River aboard the Jubilee I on Sunday, August 28. Boarding time is 6:45 p.m. for a leisurely voyage on this historic river. The sternwheeler leaves the Stillwater, Minnesota landing at 7 p.m. and returns by 10 p.m.

The cruise features a Dixieland Band, food and refreshments.

Reservations for Alumni Society members and spouses can be made at \$9.00 each through the Veterinary Medicine Alumni Society at 2610 University Avenue, Saint Paul, MN 55114, telephone 373-2466. Non-members can join the excursion for \$10.00 each.

Schwietz recognized as Alumnus of the Year

David F. Schwietz '53AMS, Lake Elmo, Minnesota, was named the Mortuary Science Alumni Society's Alumnus of the Year at their Annual Meeting on May 10 in Minneapolis.

Schwietz is a field representative for the Mortuary Science unit of the Minnesota Department of Health. He previously worked for

four years as a mortician in Brainerd, Minnesota, before moving to Saint Paul in 1956 where he was employed by the John Adam and Son Funeral Home until 1960.

He is well-known for his dedication to the state's Eye Enucleation program which was initiated in 1975 by the Minnesota Legislature. The program allows certified morticians to remove the eyes of the dead for purposes of corneal transplant. Schwietz completed the Eye Enucleation course offered in the Continuing Education program of the University's Medical School and has since removed a donor's eyes that were used in corneal transplant on a blind man. That man's sight has been completely restored.

Schwietz boosts the Lions Club Eye Bank program in speeches to clubs throughout the state.

He is married and has two children.

Faculty nurse receives Public Service Award

Florence Ruhland '59MSNurEd, an associate professor in the University's School of Nursing, received the first annual Public Service Award from the School in May. She was recognized for her volunteer contributions to the Twin Cities and Minnesota Diabetes Associations.

As a member of the board and education

committee of the Twin Cities Diabetes Association, she helped prepare public education materials. She is also on the executive committee of the board of directors of the American Diabetes Association, Minnesota affiliate, and, as vice president for public education, planned and chaired workshops for outstate groups, including the Brainerd Public School System.

She received a bachelor of science degree in nursing from the College of St. Catherine, Saint Paul, in 1950. She has been on the nursing faculty since 1971.

GOPHER TALES

By Dave Shama '68BA

Recently an Illinois sportswriter suggested that the University of Minnesota had completed the most successful basketball recruiting season of any Big Ten team ever on probation.

But the same sportswriter and many other collegiate basketball observers would add that most Big Ten Conference teams had exceptional recruiting success. "It's the best recruiting year I've seen in my several years in the Big Ten," says Minnesota Coach Jim Dutcher, once an assistant coach at Michigan.

What concerns Dutcher is that he may not have improved the Gophers "proportionately to the other teams." He adds, "In the two years I've been at Minnesota, we've recruited some quality players, but we've got to get off NCAA probation and have our yearly number of basketball scholarships increased from three to six."

Working with three scholarships instead of six, limits quality as well as quantity. "Fortunately, we've had some players who have been walk-ons, players who have come without athletic aid," he explains. "In a sense, they've saved us."

Dutcher and his assistants have had to do their recruiting at a time when the whole world has known that the Gophers are being penalized by the NCAA and that there is still a possibility of further penalties.

"When you're in a situation like ours, it's just about impossible to recruit one of the top ten players in America," Dutcher says. "We've been frustrated in trying to get some really great kids."

An example is Mike McGee from Omaha. McGee, a 6-foot-5 forward who averaged 38.2 points per game his senior year, and pumped in a total of 1,595 points to set a schoolboy scoring record in Nebraska. McGee's mother was apprehensive about the NCAA matter and so he will play at Michigan.

McGee is described by Dutcher as a quick forward and a great shooter — exactly the type of player he was looking for when he began recruiting after the 1976-77 season. Dutcher, however, did sign one high school player to a basketball scholarship who is a candidate to play the quick or small forward position. He also has a transfer student who can play the same position and has awarded him a basketball scholarship. The third basketball scholarship went to a 6-foot-10 player.

But there is more to the recruiting picture than the three new players on scholarships. There are three others who have told Dutcher they will attend Minnesota without basketball scholarships. And he counts two more players as "new faces." One is a transfer student, the other a player who missed his freshman year because of a knee injury.

"When you take everything into consideration, I'm pretty pleased with the new people we'll have next year," Dutcher says. Among these student-athletes:

Bill Duffy, a 6-foot-4 freshman from Pomona Beach, California, is the young man Dutcher thinks might fill the Gophers' need for a quick forward. Duffy played guard on offense and center on defense for Damien High School, a Catholic boys' school.

Duffy, 17, averaged 23 points and 6 assists per game. "He's the kind of player who can run your team," Dutcher observes. "He has a super attitude on basketball and life. He's the kind of kid I envision as one day being our captain."

Dutcher adds that Duffy can become an all-Big Ten player. Named California Interscholastic Federation Player of the Year, he was recruited by UCLA and other basketball powers.

Why would a California boy choose Minnesota? One reason was he liked Minnesota's

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dental school. Another was the success of the basketball program.

"I had followed the Gophers and heard about Michael Thompson," Duffy remembers. "When I met Thompson I liked him because he's not cocky like a lot of stars."

Another reason for choosing Minnesota was Dutcher, whom Duffy describes "as a class person." He adds, "My parents were real impressed with him, too, because he wasn't pushy like a lot of coaches."

Also, Duffy wanted to get away from home and friends to be more independent. "I think the experience will help me grow up," he says.

James Jackson was recruited out of Chicago two years ago by then Gopher coach Bill Musselman. When Musselman left Minnesota, Jackson transferred to Boston College. But he was unhappy there and came back to Minnesota. Under NCAA rules he had to sit out last year, but he'll be eligible to play this fall.

Jackson, who will be a sophomore, was one of the ten best high school players in the nation two years ago, according to Dutcher who will try him at the quick forward position. Jackson, 6-foot-4, has always been a guard, but Dutcher doesn't think he'll have trouble with the forward spot that Ray Williams played for two years.

"Jackson is a very good athlete and he has the basketball ability to be a pro player," Dutcher observes. "One of the things he does very well is drive to the basket."

Brian Pederson was pursued by 200 colleges and thought about signing with national champion Marquette or Cincinnati, but chose Minnesota "because this is home." The 6-foot-10 Pederson led Prior Lake to the Class AA championship and was named Mr. Basketball in Minnesota.

Pederson, a center in high school, will switch to forward "at least for this year," according to Dutcher who already has three veteran 6-foot-10 players. Pederson is slightly built at 200 pounds and welcomes the switch. "I like to shoot outside," he explains. "I played forward my junior year at Prior Lake." He averaged 23 points, 14 rebounds and 5 blocked shots per game.

His older brother, Doug, plays for Texas A&M.

Chris Engler, 6-foot-10, 225 pounds, turned down a basketball scholarship at Marquette to come to the University without financial aid of any kind. "There's no better program or person than Dutcher," observes Engler who played for Stillwater (Minn.) High School.

Engler averaged 21.4 points, 15 rebounds and 5 blocked shots per game. College coaches and Engler agree that he needs to improve his quickness and jumping ability. "I'm probably a year or two away from tapping my potential," he says.

Dutcher is pleased to have another 6-foot-10 player in his program. "Some schools don't have any. We've got five."

Ed Lamar, a 6-foot-3 guard from Plant City, Florida, has qualified for a Basic Educational Opportunity Grant (BEOG), a federal scholarship program for needy students. Dutcher hasn't seen Lamar play, but is impressed by his statistics. He shot 54 percent from the field and scored 30 points per game his senior year and made second team all-state.

Lamar, who turned down scholarship offers from North Carolina and Tennessee, says he chose Minnesota because he liked the educational programs in business education and management, and the basketball program. "Some of the other college coaches said Minnesota's coaches are among the best in the country," Lamar enthuses. "With the players that Minnesota has coming back, we could be No. 1 in the country. I've seen Osborne Lockhart and Thompson play. Out of sight!"

Bill Harmon, a 6-foot-3 guard from Oakland Community College in Detroit, Michigan, is another player who has said he will come to Minnesota on a BEOG. Harmon averaged 24 points per game and made third team junior college All-American.

Harmon had a scholarship offer from Eastern Michigan where he has an older brother playing, but he prefers to play in the Big Ten. "I really liked Minnesota because it's a nice place and the people are real nice there," he says.

He comes from a rough section of Detroit, but says he's usually not afraid to go out on the streets alone. "They know I'm a basketball player and they leave me alone," he explains.

Almost a year ago Rockne Johnson, who played high school basketball in Duluth, transferred to the University from Oregon State. Johnson, who will be a 6-foot-7 sophomore forward next fall, is not on aid.

"Rockne was ineligible to play last season, but he did practice with us," Dutcher says.

"He impressed me with his great desire to be part of our program. He never missed a practice. I think Rockne will become a good player coming off the bench for us."

Ricky Wallace, from Springfield, Massachusetts, missed his freshman year because of knee surgery, but he's a "super player," according to some of his teammates who played with him in pickup games last summer. Dutcher also praises Wallace's abilities and is hopeful that he can fill the guard position which is open because of Phil Saunders' graduation.

"Ricky is a great penetrator and jumper, and he can pass well," Dutcher says. "The question about him is how quickly he can recover from knee surgery. He'll work hard to come back. He's got a great attitude."

So does the whole Gopher basketball squad for 1977-78!

Berg/Bolstad tourney boosts scholarships

That "great god of sporting events," the one in charge of keeping rain off the greens, must have been in a particularly happy mood May 9 for the Patty Berg/Les Bolstad Golf Tournament. Only a soft, cooling breeze was allowed entry to the rolling hills of the Golden Valley Country Club.

Sponsored jointly by the Williams Fund and the Patty Berg Fund, the Berg/Bolstad tourney raised \$7,000 for golf scholarships for both the men's and women's intercollegiate golf programs. Participants in the event were able to designate where their donations would go, with roughly \$4,000 ending up in the Patty Berg Fund coffers.

Coordinators for this benefit were Mrs. Jody Gumlia of Edina, Minnesota, whose daughter Julie is one of the University's outstanding intercollegiate golfers, and Fritz Rohkohl '55BArch, Minneapolis, former Gopher golf team member, now an "M" man.

Two hundred twenty-five golfers broke into 45 teams of 5 and played scramble during morning and afternoon sessions. Although Patty Berg was unable to attend, former University of Minnesota Coach Les Bolstad was out on the course to say "Hi" and see how the tournament progressed. The evening culminated in a banquet where Paul Giel, University director of men's intercollegiate athletics, presented Les with a lifetime pass to the University Golf Course. Quipped the 69-year-old Les: "It's about time!"



HAPPINESS IS CONTAGIOUS! Or so it seemed for Carol Isaacs, University of Minnesota Women's Intercollegiate golf coach, when she showed the camera the special Berg/Bolstad Benefit Golf Tournament tag.

Peppermint Tent changes stage

The University's Peppermint Tent theater has moved away from river banks and indoors this summer. The Minneapolis Park Board has a reclamation project underway in the river flats area of the Minneapolis campus where the colorful red and white tent used to stand, so the theater opened its 1977 season on June 21 in the air-conditioned Stoll Thrust theater of Rarig Center on the West Bank.

Seven University Theatre students, under director Lisa Barck, a graduate student from Kailua, Hawaii, are presenting two different kinds of plays for children which will run through July 22.

One is a fantasy, "Reynard the Fox," based on legends and written by Arthur Fayquez. "One trick too many leads to Reynard's fall from grace with the other woodland creatures. But when hunters invade the forest, guess who comes to the rescue?" explains director Barck.

The second, "The 'It's O.K.' Stories," is a series of tales about children's problems and how they solve them.

Performances are Tuesdays and Wednesdays at 10:15 a.m. and 1:30 p.m., and Thursdays and Fridays at 9:15 a.m., 10:45 a.m. and 1:30 p.m. Admission is \$1.50.

Law building wins

The new University of Minnesota Law School building, designed by The Leonard Parker Associates, Minneapolis architects, was one of three winners in the 1977 college and university architectural competition sponsored by the American Schools and Universities magazine.

The building, which is expected to open on the West Bank campus next year, was cited for its energy efficient design and use of space, which includes court rooms, a library, study areas, classrooms, seminar rooms and offices.

The magazine said that the building's heating loads will be 20 percent below state code levels and its cooling loads 38 percent below these levels.

Williamson Hall dedication honors pioneering dean



University Professor Emeritus Edmund G. Williamson (center), known for his pioneering efforts in student personnel and counseling work, was honored on May 19 by the dedication of a new building carrying his name on the Minneapolis campus. Williamson, Minnesota dean of students from 1941-69, is said to have set a national model in student personnel work.

On hand to share the special ceremonies with him were Frank B. Wilderson (left) and architect David Bennett (right).

The building which bears Williamson's name is also a pioneer of sorts since it is the University's first underground facility. It houses the Minnesota Book Center and the Offices of Admissions and Records.

Norman Borlaug returns for 40th Class Reunion Mike Unger awarded medal of Royal Society



NOBEL PEACE PRIZE WINNER Norman E. Borlaug met the press prior to attending his Class of 1937 Reunion. Borlaug, who left the following morning for extended work in China, spoke to his classmates and their guests on "The Magnitude of Producing Food for Four Billion."

Nobel Peace Prize winner Norman Borlaug told University graduates and guests attending his 1937 Class Reunion on May 23rd in Minneapolis that the world's food situation is not as severe as the experts contend. The internationally-known plant pathologist discussed "The Magnitude of Producing Food for Four Billion" in a banquet program at the University of Minnesota Alumni Club, site of his 40th Anniversary Reunion.

In spite of the energy shortage, Borlaug is optimistic that petroleum-based fertilizers which produce higher crop yields, can help solve future food shortages.

He is the director of the wheat program at the International Maize and Wheat Improvement Center, an independent research organization headquartered near Mexico City.

Borlaug '37BSFor '40MS '41PhD is not only considered an authority on wheat research who has helped underdeveloped nations reduce the effects of overpopulation on worldwide food shortages, but also speaks persuasively about the day-to-day pressures faced by wheat crops in the major growing regions of the world.

Despite his optimism for the world's food situation, he is among those who are urging the United States to establish a system of food reserves in which grain would be kept off the market in times of surplus. With less grain available for sale, he and others in his field contend that the market price would not fall drastically, and farmers, seeing a reasonable return for their investments, would continue to produce.

Borlaug told his classmates that a reserve system would prevent the bad effects of a surplus in years of good weather and assure supplies of grain in bad weather.

"Without reserves, we will continue to have wildly escalating prices and we may find ourselves with larger numbers of people starving as a result," he said.

Borlaug was joined in his discussions of the future by former University President Malcolm Moos, also a classmate, who talked about the future of education.

1937 graduate Curtis L. Carlson, a University of Minnesota Outstanding Achievement Awardee from Minneapolis, served as master of ceremonies for the evening reunion.



CLASS OF '37 graduate Martin Snoke, who is a professor of psychoeducational studies in the University's College of Education, shared campus memories with Violet Rosacker Graf of Faribault.



PROGRAM EMCEE CURT CARLSON (left) paused for the cameras with classmate and former University President Malcolm Moos before the Class of 1937 Fortieth Reunion celebration on May 23.



MANY MINNESOTA ALUMNI TRAVEL ACROSS THE NATION to visit old campus friends. Above, Class of 1937 Reunion Hostess Doris Hagensick Nelson (left) greets alumnae Katherine Regan Schulte of Silver Spring, Maryland, and Maybelle Henderson Hanson of Eau Claire, Wisconsin. Spouses Floyd E. Nelson and Ernest Hanson are at right, respectively.

Joining him in the program were Edward Harding, co-chairman of the event, Walter H. Bruning, University vice president for administrative operations, and Jane Speakes Hawthorne, also a Reunion

co-chairman, who talked about the work of the Class of 1937 Fund committee.

Over 200 class members and guests attended the festivities.

Michael Unger, the first University of Minnesota student to be named to the Board of Regents, was awarded the 1977 silver medal of the Royal Society for the Encouragement of Arts, Manufactures and Commerce of London in a June ceremony.

Unger, 22, the sixth student to be honored since the University joined the program in 1971, was picked by a special committee of faculty and students. Winners are selected for academic achievement and campus and community activities.

The Royal Society, established in 1754, is one of the oldest learned societies in Great Britain. Its president is Prince Philip, the Duke of Edinburgh. The association of the Society with the United States goes back to Benjamin Franklin who was active in the administration of the Society while in London and who was named a corresponding member in 1756.

Appointed by Governor Wendell Anderson to the Board of Regents a year ago, Unger was elected in April by the State Legislature for a six-year term. He graduated this spring with highest honors from the College of Liberal Arts with a bachelor of elected studies degree in political science and speech-communications.

His community activities have included involvement in DFL politics and participation in Cottage Grove city charter and park commissions. This spring, Unger served on the marketing committee of the board of directors of Northwestern National Bank in Saint Paul and also was an intern at Northern States Power Company.

Campus ranks 1st

Fall quarter enrollment at the University's Twin Cities campus was the largest among schools surveyed in a recently-released report by the National Association of State Universities and Land-Grant Colleges.

Out of 130 schools with a total of 356 campuses, the Twin Cities campus enrollment of 64,161 ranked first. This figure includes both full-time and part-time students. The University of California at Los Angeles was ranked second and Ohio State University at Columbus, third.

The University's Twin Cities campus also ranked first for undergraduate enrollment, with 45,403 students, and first for the number of women enrolled, with 28,923 women.

Official fall quarter statistics released by the University do not include numbers of part-time students.

In graduate enrollment rankings, the Twin Cities campus was third, with 11,012, and fourth in first-time freshman enrollment, with 5,686.

The entire University of Minnesota system ranked eighth in total enrollment, with 75,854 students, tenth in graduate enrollment; with 11,583 graduate students, eighth in enrollment of women, with 34,305 women, and second in extension enrollment, with 19,707.

Enrollment in state and land-grant universities last fall totaled 3,249,117, a figure which accounts for about 29 percent of all students enrolled in U.S. institutions of higher learning.

CLASS NOTES

Journalism

42 Marjorie Lundberg Kelly '42, Hopkins, Minnesota, presently works in advertising and sales promotion for the Radisson Hotel Corporation and is on the board of the Minnesota chapter of the Public Relations Society of America.

68 Donald F. Brod '68PhD, DeKalb, Illinois, is chairman of the Department of Journalism at Northern Illinois University. His wife Nancy attended Minnesota from 1962-68.

74 Robyn L. Hartzell '74BA, Minneapolis, is advertising copy chief for the Donaldson Company.

76 Jeffrey P. Grosscup '76Grad, Minneapolis, works as a free-lance photojournalist. His wife Karen is taking courses in the University's School of Nursing.

Education

20 Edwin C. Culbert '20BS '21MA, Minneapolis, retired in 1968 after serving 42 years as a principal in the Minneapolis school system. Earlier he had been a superintendent at Elgin and Henning, Minnesota.

34 Lucille Johnson Fackler '34BS, Minneapolis, was recognized for 13 years of service by the Minnesota State Department of Education, Vocational division, in 1976 when she retired after teaching for 13 years in the Occupational Skills Training Center under the Minneapolis Public Schools. Her husband Orrin attended Minnesota from 1932-34.

35 Pauline Petit Hansen '35BS, Minneapolis, a retired kindergarten teacher, now works as a WISE volunteer in the Minneapolis schools.

37 Martin L. Snoke '37BS '55PhD, Saint Paul, is a professor of educational psychology at the University of Minnesota. His wife Nan Taylor Snoke received her bachelor of science degree in mathematics from Minnesota in 1935.

43 Margie R. Hanson '43BS, Silver Spring, Maryland, is associate executive director of the American Alliance for Health, Physical Education & Recreation in Washington, D.C., a well as an elementary education consultant and executive secretary of the National Dance Association. She taught at the high school, college and elementary levels in physical education before completing her PhD studies at the University of Washington, Seattle.

54 Marian Taylor Priest '54BS, Brooklyn Center, Minnesota, has been teaching for the last 15 years in Robbinsdale (Minn.) District 281.

55 John A. Jeffers '55BS, Minneapolis, owns Stub & Herb's and The Big Ten, two eateries located in the University's Minneapolis campus area. Wife Kathryn Kingsley Jeffers is a 1954 graduate of the University's School of Nursing.

71 Mrs. Marlene Ekberg '71BSArtEd, Minneapolis, married to 1954 graduate of the College of Pharmacy, Howard Ekberg, is a past member of the board of the State Pharmacy Auxiliary. She is active in three volunteer organizations and is the mother of two college students.

73 Charlotte Kramer Prentice '73MS, Saint Paul, teaches art education in the University of Minnesota's Department of Art Education.

74 Mrs. Dorothy Hermquist '74MA, Chicago, Illinois, teaches language arts for Chicago's Board of Education.

Pharmacy

20 Charles V. Netz '20BS '41PhD, Minneapolis, is a retired associate dean and professor emeritus of pharmacy at the University of Minnesota.

27 Clinton E. Rohrer '27BS, Owatonna, Minnesota, retired in 1977.

36 Milton Smith '36BS, Saint Paul, works for Smith Brothers Drugs in that city.

38 Taito O. Soine '38BS '39MS '43PhD, Minneapolis, is a professor and assistant dean in the University's College of Pharmacy.

47 Mary Anna Walter Anderson '47BS, Roseville, Minnesota, is a staff pharmacist at the University of Minnesota's Boynton Health Service.

50 William J. Hodapp '50BS, Saint Paul, is currently serving as Health Sciences coordinator for Continuing Education at the University.

Alf K. Stratte, Jr. '50BS, Cambridge, Minnesota, is 1977 vice president of the Minnesota State Pharmaceutical Association. His wife Gwynneathea graduated from the University of Minnesota, Duluth, in 1950.

55 Roland O. Lenzinger '55BS, Saint Paul, is 1977-78 president of the Minnesota State Pharmaceutical Association.

57 Russell A. Boogren, Jr. '57BS, Saint Paul, is president of Borgstrom Pharmacy, Inc.

61 Charles F. Richards '61BS '63MS, Edina, Minnesota, president of the Pharmacy Century Mortar Club, is currently an associate administrator at the Hennepin County Medical Center. His wife Mary Schuler Richards also attended the University.

63 Sidney B. Benson '63BS '65MS, Saint Paul, is director of alumni and institutional relations for the University of Minnesota's College of Pharmacy.

66 Constance Uphoff Uden '66BS, Minneapolis, works for Snyders Drugs.

67 John F. Sundin '67BS, Moose Lake, Minnesota, has been working mornings at Mercy Hospital in Moose Lake and afternoons at Pine County Memorial Hospital in Sandstone, five days a week, since 1968. He hopes to work full-time at Mercy Hospital in late 1977. He is the only pharmacist serving both these small hospitals.

68 James B. Linden '68BS, Stillwater, Minnesota, is director of pharmacy for Snyder Brothers Drug. Ernest E. Mutterer '68BS, Rochester, Minnesota, is a Medical Sales representative for Abbott Labs of Chicago, Illinois.

77 Lauren L. Bast '68BAJourn '77MS, Minneapolis, is an instructor in the University's College of Pharmacy.

Nursing

35 Frances S. Gunlaugson '35BS, Minneapolis, has had professional experience in public health and practical nursing education.

Sarallah M. Shields '35BS, Annandale, Minnesota, has been retired since 1973. She taught at St. Mary's Hospital School of Nursing in Milwaukee, Wisconsin, and St. Catherine's College of Nursing and St. Joseph's School of Nursing in Saint Paul. Most recently she was associate chief for nursing education for the Veteran's Administration in Minneapolis; Boise, Idaho; Grand Island, Nebraska; Pittsburgh, Pennsylvania; and Sioux Falls, South Dakota.

40 Hazelle Fristrom Ehrhardt '40RN, Minneapolis, has been working at Northwestern Hospital in the Emergency Room for the past 15 years, 8 years as

head nurse and 7 on part-time duty. Previously she was a member of the Navy Nurse Corps.

41 Ann Smalley Jordan '41RN '41BSNurEd '48-'50, Fergus Falls, Minnesota, is associate director of the Child Development Project at Lakeland Mental Health Center.

43 Alice Alcott '43BSN, Denver, Colorado, has worked at Children's Hospital there since 1946.

45 Laura Strub Donney '45BS '49PHN, Rochester, Minnesota, has been a public health nurse for the Olmsted County Health Department for 13 years. She is a veteran of the Army Nurse Corps, serving from 1945-48. A member of the Sixth District Minnesota Nurses Association, she has been on the executive board of the Rochester chapter of the Minnesota Alumni Association for two years.

46 Dolores Schultz Colesworthy '46BS '76MSPH, Wayzata, Minnesota, is clinical director of Abbott Northwestern Hospital Corporation. Husband Paul received his undergraduate degree from the College of Business Administration in 1943.

46 Elinor Schultz Pinkert '46BS, Madison, Wisconsin, who has worked as a public health nurse for the City Health Department in Madison for the past four years, previously was a visiting nurse in Sioux Falls, South Dakota, and a school nurse in Pipestone, Minnesota. She and her veterinarian husband have three grown children and one grandson.

Ruth D. Weise '46BS, Minneapolis, is a coordinator in the master's degree program for the University of Minnesota's School of Nursing.

47 Lidwina Suek Buchwald '46BS '51MPH, Minneapolis, is school nurse at Marshall-University High School.

Ruth Ericson Benson '47BS, Richfield, Minnesota, is a staff nurse in obstetrics at Fairview Southdale Hospital in Edina. Husband Burton re-

ceived a BA from Minnesota in 1942.

Mrs. Verna I. Hart '47BS '47PHN '71CertSW, Minneapolis, has received a master's degree in community education from St. Thomas College, Saint Paul. Husband Douglas received an AA and BA from the University.

Louise Takeda Nomura '45BS '47BS, Minneapolis, returned to the Minnesota campus to complete a bachelor's degree in studio arts in 1975. Her husband Carl has three degrees from Minnesota, a BS earned in 1948, and MS in 1949 and a PhD in 1953.

48 Norma Dalager Johnson '48RN, Minneapolis, has worked for the past 11 years as a nursing adviser at Southdale Pediatrics. Husband Harold received a bachelor's degree in chemistry from Minnesota in 1951.

Carol Vennes Miller '48BS '67MS, Hopkins, an assistant professor in the Department of Nursing at St. Olaf College, Northfield, Minnesota, is married to Dr. Sherman Miller '44DDS.

Ruth J. Slade '48BSPubHNurs has worked as a nurse epidemiologist in infection control at the Rochester (Minn.) Methodist Hospital since 1970.

49 Jeanne Rogers Berglund '49BS, Fargo, North Dakota, is the utilization review coordinator with St. Ansgar Hospital in Moorhead, Minnesota.

52 Pat DeVaney Barnes '52BS '52PHN, Aurora, Minnesota, is a nursing instructor at Hibbing (Minn.) Community College. Husband Richard received his MD from Minnesota in 1952.

Ann Backlund Nelson Cousins '52BS, Minneapolis, serves on the School of Nursing Alumni Society's board of directors.

Donna Moulton Dielentheis '52BS '52PHN, Stillwater, Minnesota, is serving as 1976-77 president of the School Nurses Organization of Min-



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CLASS NOTES

Nursing

nesota. Husband Ernest attended the University from 1947-49.

Florence J. Jubian '44BSEd '52MS, Minneapolis, has been working with the Minnesota Board of Nursing since 1975. She will retire in June 1977.

54 Charlotte Linster Boyles '54BS, Minneapolis, is a Minneapolis housewife. Husband William received a BBA from Minnesota in 1953.

Sine Nielsen Duus '54BS, Minneapolis, resigned from the University's School of Nursing faculty in 1976 and is presently enjoying homemaking. Her husband Leif received his undergraduate degree in education from Minnesota in 1954.

Marian Larson Theilen '54BS, Edina, Minnesota, has not been active professionally since 1962.

55 Florence M. Scholljegerdes '55PHN, Edina, Minnesota, is a staff nurse in the Outpatient Clinic at the Minneapolis Veteran's Hospital.

59 Florence R. Ruhland '59BS, Saint Paul, is an associate professor in the University's School of Nursing.

64 Jane T. Adams '64BS, Minneapolis, works full-time in the Recovery Room at University Hospitals.

67 Florrie Deaneer McCarthy '67BS, Dallas, Texas, is working as a public health nurse with the Visiting Nurses Association in Dallas. She previously was a staff nurse at Parkland Hospital in Dallas, and evening supervisor at Hall-Bennet Hospital in Big Spring, Texas. She is a member of the American Nurses Association and the Emergency Department Nurses Association. Husband Dennis attended Minnesota from 1962-67.

Kathryn Fluegel Fredrich '65AA '67BS, Maple Grove, Minnesota, has worked as a staff nurse since 1967 in surgery, medical surgery, occupational health and geriatrics. Husband Michael received his bachelor's degree from Minnesota in 1967.

Sandra King Reineke '67BS, Bloomington, Minnesota is assistant director of nurses at the Martin Luther Manor in Bloomington. Her husband James received his bachelor's degree in business administration from Minnesota in 1967.

Mrs. Linda M. Wenkel '67BS, Mankato, Minnesota, is an assistant professor of nursing at Mankato State University. A member of the American Nurses Association and Sigma Theta Tau, she re-

ceived her MS in nursing from the University of Colorado in 1975.

70 Mrs. Hazelann R. Tateosian '70BS '72MS, Saint Paul, is assistant educational director in the School of Anesthesia at Minneapolis Veteran's Hospital. Husband George has also attended Minnesota.

72 Mrs. Judith M. Barnard '72BS, White Bear Lake, Minnesota, is head nurse on the general and vascular surgery ward at Minneapolis Veteran's Hospital.

Sister Sharon M. Connelly '72BS, South Saint Paul, is serving patients at Divine Redeemer Hospital as a member of the pastoral care department. She previously spent four years on the medical-surgical floor at Divine Redeemer before taking three quarters in Clinical Pastoral Education.

Claudia Meckola Eklund '72BS, Shoreview, Minnesota, works part-time at University Hospitals in the Outpatient department's Pediatric Endocrine and Kidney Transplant Clinics. Husband Richard attended the University from 1966-72.

Mrs. Marlene R. Ellis '72BS, Edina, Minnesota, works in the Emergency Room at Mt. Sinai Hospital in Minneapolis.

Miriam J. Jacobson '72BS, Chicago, Illinois, is an Emergency Rooms staff nurse at Swedish Covenant Hospital in Chicago.

73 Kathleen Johnson Lucas '73BS, Minneapolis, completed her MS at the University in June of this year and is currently job-hunting. Husband Robert has a '68BSB and '75JD from Minnesota.

Dorothy Vanduso Lundin '73BS '75MS, Hopkins, Minnesota, is a member of the undergraduate faculty of Minnesota's School of Nursing.

Business Administration

27 Eugene W. Carlson '27BSB, Dallas, Texas, retired in 1965 as auditor of Farm Equipment Sales, U.S.A. for International Harvester Company. Wife Margaret graduated from Minnesota in 1928.

Horace M. Chope '27BSB, Saint Paul, is currently a Christian Science practitioner. He previously worked for General Motors from 1927-33 and served as territorial manager and secretary-treasurer of Kickernick, Inc., from 1933-49.

Lois Berreau Daunt '27BSB, Grand Rapids, Michigan, housewife, is also an active community volunteer. Her husband graduated from the University in 1923.

James M. Hanson '27BSB, Seattle, Washington, retired in 1971 as a fire and casualty underwriter with the Unigard Insurance Group.

Bertel A. Holmsten '27BSB, Saint Paul, retired last year from Holmsten Refrigeration, Inc., where he had been president and manager for 30 years.

Twice president of the Refrigeration Contractors of the Twin Cities he has served five years as chairman of the board of benevolence for Bethany Retirement Center of Minneapolis.

Earl L. Johnson '27BSB, Summit, New Jersey, has retired after serving 28 years with five different government departments and in a number of industrial positions as a CPA. He most recently was a controller for the United States Post Office department in the New York postal region. He currently works part-time as a controller for Unette Corporation of Livingston, New Jersey.

29 Rudolph G. Ohlson '29BBA, Wilmette, Illinois, is a real estate banker and appraiser.

69 Ford G. Pearson '69BBA, Evanston, Illinois, is second vice president of Continental Bank's Commercial Banking division. His wife, Barbara, graduated from the University in 1968.

65 Edward W. Remus '65BChemEng, Elk Grove Village, Illinois, a partner in the Chicago law firm of Allegritti, Newitt, Witcoff & McAndrews, received his Juris Doctor from DePaul University in 1970. His wife Cora attended the University in 1964.

67 Edward Schumacher '67BEE, Wilmette, Illinois, is a senior electrical project engineer at Sargent & Lundy Engineers in Chicago. His wife Susan attended Minnesota from 1960-66.

43 Richard G. Stevens '43BSB, Glenview, Illinois, is vice president and director of media for Mauer-Lief, Inc., Chicago.

48 Herbert J. Howe '48BSB, who has worked in procurement for the USAF since 1957, is currently chief of contract administration division, Air Force Plant Representatives office, General Electric Company, at the Engine Plant in Evendale, Ohio.

58 Ernest A. Lehmann '58BBA, Elgin, Illinois, is an accounting analyst for the Milwaukee Railroad.

Minneapolis Public Health Center under a grant funding the gonorrhea screening program, was the only medical technologist hired to work in Minneapolis under this grant of the State Department of Health and CDC.

Mortuary Science

27 Walter T. Tichenor '27AMS retired in 1975 from his position with the Tichenor Funeral Home in Mapleton, Minnesota.

34 Harry B. Nelson '34AMS, Slayton, Minnesota, a retired mortician, is still in the furniture business. His wife Ferne, who lists her class year as 1933, calls herself a tired nurse, housewife, cook and gardener.

Dentistry

45 Michael Zustiak '45DDS, a captain in the U.S. Navy Dental Corps, is a career officer stationed at San Diego, California.

47 Jerome R. Wicklund '47DDS practiced dentistry from 1947 until his retirement in 1972 in Seattle, Washington.

Forestry

40 Melvin C. Aaberg '40BS, Spokane, Washington, retired from his position with the U.S. Forestry Service in Coeur d'Alene, Idaho, in 1972.

41 Roebert T. Bilstein '41BS has been employed since 1957 as an engineer for Union Carbide, working as maintenance superintendent at that company's Sheffield Ferro Alloys Plant in Sheffield, Alabama.

Graduate

30 Curtiss E. Crippen '30BCivE, Wilmette, Illinois, is retired vice chairman of the Chicago, Milwaukee, Saint Paul & Pacific Railroad Company. His wife, Mary Pierce Crippen, received her bachelor's degree in education from Minnesota in 1930.

62 Minkyu Cho '62MA '74PhD, Chicago, Illinois, is a professor of political science and international law at DePaul University in Chicago.

63 Robert L. Even '63PhD, DeKalb, Illinois, is professor and chairman of the Department of Art at Northern Illinois University.

Medicine

27 Richard H. Beiswanger '27MS, Sun City, Arizona, served as a radiologist at Minneapolis'

Music filled the out of doors . . .

The sounds of summer and the University of Minnesota Concert Band filled the Saint Paul Campus Mall in late May when the band presented a free outdoor concert. Student families from nearby housing units picnicked, joined on the lawn by proud parents, faculty, friends and other passersby who paused to enjoy familiar melodies played by the students under the direction of Mark Lammers.



Nicollet Clinic and Eitel Hospital until his retirement in 1971. He is currently vice president of the Minnesota Alumni Association's Sun City alumni chapter.

William C. Bernstein '27BS '27MB '27MD, Saint Paul, an emeritus clinical professor of surgery, is still a consultant to University of Minnesota Hospitals and to the University of California Hospital in San Diego. He has received the University of Minnesota's H.S. Diehl Award, the Minnesota Medical Association's President's Award and the Outstanding Achievement Award of the American Society of Colon and Rectal Surgeons.

Julius E. Haes '27BS '27MD, Cleveland, Minnesota, retired in 1970 from his position with the Twin City Transit Company. While a University student he had worked as a street car conductor. He and his wife winter in Mesa, Arizona.

Raymond P. Hawkinson '27MD, Minneapolis, since his retirement from medicine in 1967, has devoted his time to the Paul E. Hawkinson Company which he heads. This company has invented and makes numerous tools, machines and molds which are used in the manufacture of retreaded tires.

Edward C. Maeder '27BS '27MD, Edina, Minnesota, is self-employed in the private practice of obstetrics and gynecology and teaches in these two specialties at the University of Minnesota. He has also worked on the staffs of Methodist, St. Mary's, Swedish, Maternity and Glenwood Hills Hospitals in the Twin Cities area, and was on the teaching staff of Hennepin County General until recently. Maeder now has a PhD from Minnesota, too.

Cecil A. Warren '27BS '27AM '27MD, Saint Paul, retired in January 1976. Wife Edna graduated from Minnesota in 1931.

40 Roger M. Reinecke '40MD, who also received his BS, MA, BM and PhD degrees from Minnesota, is a research professor of clinical physiology at the University, specializing in the peripheral arterial system.

Hugh D. Patterson '40MD, Slayton, Minnesota, is in general practice in his home community. He is also active as a corporate body member of Blue Cross/Blue Shield and the Minnesota State Heart Association, and as secretary-treasurer of the Minnesota Association of Coroners and Medical Examiners.

73 Phyllis M. Webb '73PhD (Microbiol), South Bend, Indiana, a professor of immunology in the University of Notre Dame's Department of Microbiology, also conducts a research on germ free animals at Lobund Institute.

Health Sciences

75 Ms. Judith A. Voeller '75MSPubH, Chicago, Illinois, an assistant professor in Rush University's College of Nursing, has created, developed and teaches an elective in "Culture, Race, Poverty, and Health Care." She is a family nurse specialist in community health nursing, and recently presented a paper in "Cultural Interaction and Identity" at the Student Nurse Association of Illinois meeting.

Veterinary Medicine

53 Robert H. Steinkraus '53DVM, Wauwatosa, Wisconsin, has been appointed by Governor Patrick Lucey to the State of Wisconsin Veterinary Examining Board. This six-member board is responsible for the licensing and regulation of veterinarians in the state.

68 DeWayne H. Walker '66BS '68DVM, Anoka, Minnesota, is facility manager of the Physiological Research Laboratory of Medtronic Inc., Coon Rapids, Minnesota.

Law

27 Carroll J. Dickson '27LLB, Brooklyn, New York, has been a lawyer with various law firms since 1945. He is currently affiliated with Whitman & Ransom in New York. Dickson is a member of the Board of Regents of The Long Island College Hospital.

Oscar R. Knutson '27LLB, Saint Paul, retired in 1974 as Chief Justice of the Minnesota Supreme Court. He had joined the state court system in 1941 when he became judge of District Court, was named an associate justice of the Supreme Court in 1948 and chief justice in 1962. Knutson is a past president of the district American Judicature Society and the District Judges Association and a former national president of the Conference of Chief Justices. Among his numerous honors is an Outstanding Achievement Award from the University of Minnesota.

Edmund T. Montgomery '27LLB, Minneapolis, is a partner in the firm of Richards, Montgomery, Cobb & Bassford P.A. He is the author of "Legal Improvement Forms for Minnesota Villages and Cities."

Robert L. Palmer '27LLB, Sun City, Arizona, has retired as president of the Pipestone Federal Savings & Loan Association. He has been a member of the executive committee of the U.S. Savings & Loan League for three years.

Harold Ranstad '27BA '27JD, Washington, D.C., retired in 1969 from his position on the Permanent Subcommittee on Investigations for the U.S. Senate. He previously worked as a special agent for the FBI, an assistant counsel for the U.S. Senate Committee on Improper Activities in Labor and Management, and as an attorney with the House Subcommittee on Legislative Oversight.

Clarence A. Stark '27LLB, Minnetonka, Minnesota, is a practicing attorney and partner in the

firm of Stark & Allert, Minneapolis. Wife, Dorothy Conn Stark, graduated from Minnesota in Art Education in 1926.

Corbin A. Waldron '27LLB, Minot, North Dakota, practiced law for 46 years until his retirement from the firm of Waldron, Kenner, Halvorson & Sturdevant. Named the Poet Laureate of North Dakota by an act of legislation, he is also the author of numerous books, the most recent being *Footprints in America's Fields*.

Carl O. Wegner '27LLB, Minneapolis, a senior member of the law firm of Wegner, Wegner & Amerman, was Minnesota's Special Attorney General in 1939 and served five terms in the State Legislature.

Agriculture

27 Herbert J. Johnson '27Certif, Hadley, Minnesota, has farmed since he left the University campus, until five years ago. He has also worked as district director for the Minnesota ASCS for 16 years and will retire in July of this year.

36 Leland Holmberg '36Diploma, Avoca, Minnesota, is still farming.

40 Leonard W. Orvold '40BS has retired from his position as a statistician with the U.S. Department of Agriculture which he held from 1942-72. He previously was with the U.S. Department of Commerce in a similar position.

43 Harold C. Olson '43BS, Saratoga, California, is district sales manager for the Western Region for E.I. Du Pont de Nemours, Inc.

48 Charles H. Benrud '48BS '49MS '63PhD, Cary, North Carolina, has been senior statistician, working in sampling and population projections, at Research Triangle Institute (RTI) since 1967. He led a U.S. Agency for International Development team for RTI in Lagos, Nigeria, from 1963-67. He previously served on the faculty of the South Dakota State College in Brookings, and as an assistant county agent, 4-H county agent and county agent in Minnesota.

Institute of Technology

40 Hayden M. Pickering, Jr. '40BSME '40BSEE, is vice chairman and managing director-fibers for Du Pont de Nemours International in Geneva, Switzerland.

41 Sanford E. Nelson '41BCivE, Ridgefield, Connecticut, from 1941-70 was employed by the Exxon Corporation, most recently as cost and operations manager for Esso Standard Sekiyu K.K., in Tokyo, Japan. He retired in 1970.

42 John S. McNown '42PhD, Albert P. Learned Professor of Civil Engineering at the University of Kansas, Lawrence, was a member of a study team in Nigeria this spring. He will spend his 1977-78 sabbatical leave in Sweden.

45 Lysle Heney, Jr. '45BChE '51PhD, Middlesex, New Jersey, retired in 1975 after five years as a science teacher in the Middlesex School System. From 1946-48 he had worked as a control chemist for the Safeway Stores, and from 1948-51 as a research chemist for Minneapolis Honeywell. His wife, Arthemise Wystrach Heney, received her BA degree from Minnesota in 1946. The Heney's have two children, Marsha, a William & Mary graduate, who runs three halfway houses in the "Mainstream" program, and Lysle III, a senior in pharmacy at Drake University.

47 Eugene C. Bredeson '47BChE, is staff engineer in the Project Development division, Energy and Minerals department of Burlington Northern in Billings, Montana.

48 Don H. Eckert '48BAeroE '74BCE, Elk Grove Village, Illinois, has worked as a civil engineer for the regional office of the FFA in Des Plaines, Illinois, since 1974.

Liberal Arts

46 Daniel B. Tetzlaff '46BS '67MSEd, who has been a free-lance trumpeter in the Twin Cities for over 30 years and presently plays with the Dick Macko ('58BA) Orchestra, is a special elementary instructor in the Minneapolis Public School system. He joined the system in 1955 after playing trumpet with the Houston (Texas) Symphony Orchestra and the Minneapolis Symphony. A former trumpet instructor at Augsburg and Hamline Universities and the University of Minnesota, he has published over 100 "Trumpet Talk" articles in educational journals.

71 The Reverend Rotraut J. Conrad (nee Holst), Minneapolis, the first woman pastor to be ordained into the prison chaplaincy by the ALC Lutheran Church, works for the Saint Paul Area Council of Churches as an institutional and community chaplain. Her main involvement is with incarcerated women, but she also handles referrals for juveniles and men. And she works with problem-plagued families in a federal housing project.

75 Carol M. Babiracki '75BA is working on a master's degree at the University which she hopes to complete in the fall of 1977. Under a three-year graduate fellowship from the Bush Foundation, she spent the summer of 1975 in South India researching South Indian classical flutists and this summer is in northern Minnesota researching Finnish culture and folk music.

Donald A. Myrvik '75PhD is coordinator in the Office for Special Learning Opportunities at the University of Minnesota.

A Foundation provides foundation . . .

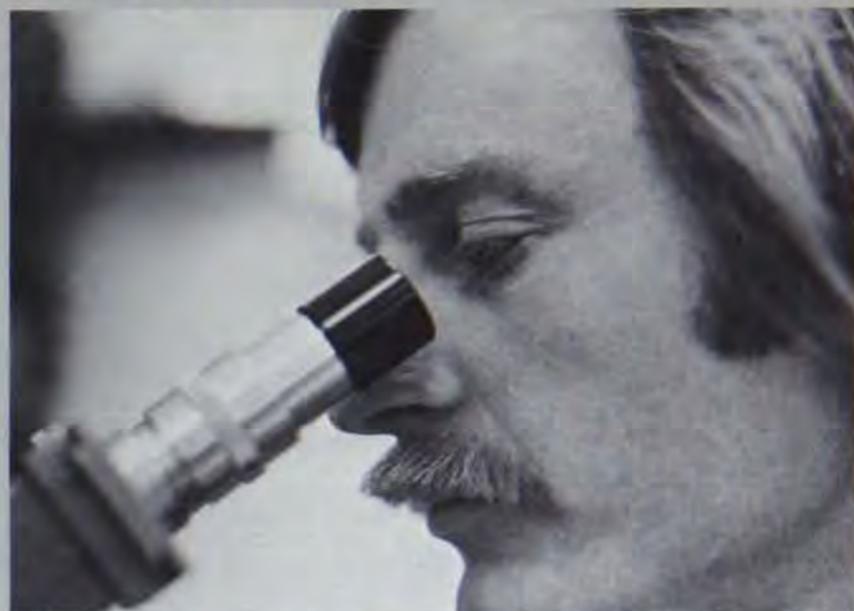


Photo by Susan Andrews

Dr. John Repine is a teacher and researcher at the University of Minnesota Medical School. He teaches general internal medicine to Phase B Medical students and works with Advanced Postdoctoral Research Fellows in his major interest — research in pulmonary disease.

He and his research team are currently investigating what Dr. Repine calls "cellular host defense mechanisms of the lung — neutrophils and alveolar macrophages. They are trying to find out more about the normal and abnormal functions of these cells in order to determine the role they play in pulmonary disease.

His research is nothing spectacular, he says, just basic, simple stuff. But it is the type of research that firms medical knowledge and makes the spectacular happen.

His research has been important enough, however, to be recognized with some major awards — he received the prestigious Established Investigator Award from the American Heart Association in 1976, which is a five-year grant award, and the March of Dimes' Basil O'Conner Starter Research Award in 1975.

Dr. Repine, who did his undergraduate work at the University of Wisconsin, received substantial support from the Minnesota Medical Foundation (MMF) to help him through the University's Medical School. He

was able to use the foundation's short-term interest-free emergency loans provided through the Herman M. Johnson Memorial Fund several times before his student work began earning foundation scholarships in 1969 and 1971. And he received an MMF Medical Student Research Fellowship of \$1,500 in 1971.

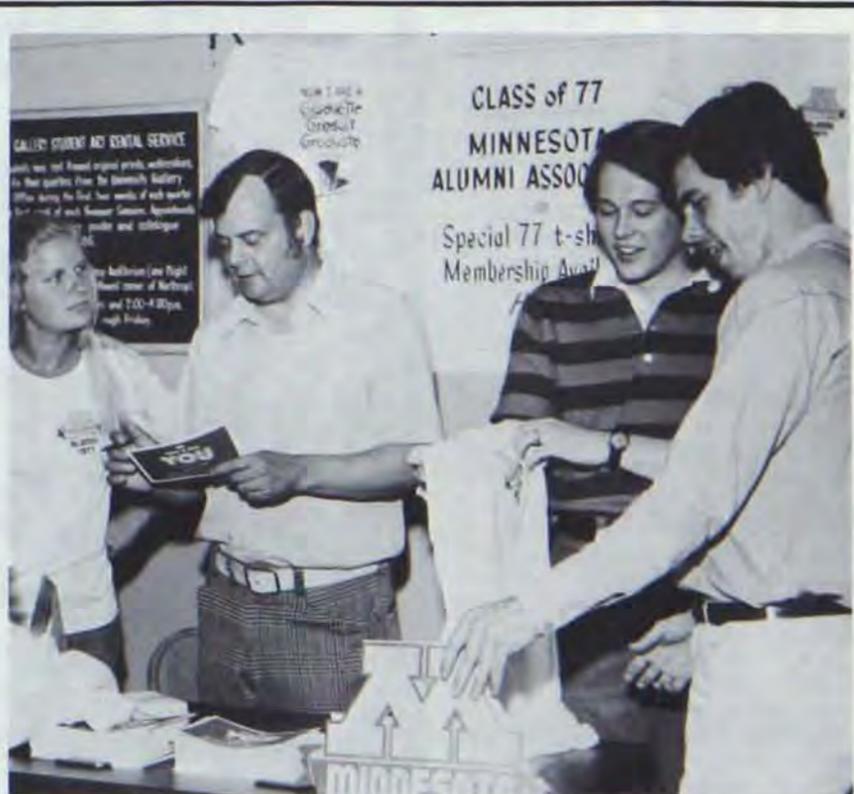
His work under that fellowship led to his receiving the foundation's 1971 Undergraduate Research Award which recognizes the graduating senior who has done the best research.

After graduation Dr. Repine earned several more foundation research he attracted federal support. He also added Fellowship Grant Support from the American Lung Association of Hennepin County and the National Institutes of Health via a Young Pulmonary Investigator Award, which included a two-year grant of \$15,000 each year.

The University of Minnesota can be proud of the research Dr. Repine is accomplishing in pulmonary disease and the national attention he is drawing to the institution where he is training other young researchers.

Those who support the Minnesota Medical Foundation can be proud of the important start they gave this young doctor.

Dr. Repine lives with his family in Saint Paul. He is very proud of his six-year-old twins and two-year-old son.



FREE SHIRTS FOR SENIORS. Graduating seniors joining the Alumni Association this spring got free Class of 77 T-shirts. Here, Doug Currence and Jim Barnum (left and right in center) of the Alumni Association staff discuss the special offer with two students in the Saint Paul campus Student Center. More information on this promotion is available by calling the Alumni Center, 373-2466.

1977 graduates reflect Minnesota's commitment to education

This spring, 5,200 University of Minnesota students will attend their last classes and graduate; over the course of the year, 10,000 degrees will be granted to one of the largest groups yet to graduate from Minnesota's five campuses.

For both Minnesota residents and University graduates living throughout the United States, this large, diverse body represents a source of pride, reflecting the long-time commitment Minnesotans have made to educate their youth in the finest possible way. This has been no small accomplishment, and has required no small sacrifice. Legislators, taxpayers, administrators, faculty and, of course, the students themselves, have worked tirelessly to establish a prominent institution.

These new graduates joining us as alumni present a unique problem for a university development office, an alumni association and for the graduate long a part of alumni ranks. How can we maintain the interest of these active, vocal graduates now new on the job market, continuing their studies, traveling or settling down with challenging (and often frightening) responsibilities? How can we assure them that the "fruits of their labors" will be realized, while reminding them of the obligations each of us have as alumni of the University of Minnesota?

A strong, progressive alumni association is part of the answer. Membership in the Minnesota Alumni Association can recapture for the graduate the excitement of being part of a large University community; an alumnus can maintain contact, voice an opinion and get things done. Membership in the MAA is a vote of confidence, an expression of pride in the institution that provided your education. No organization on campus better keeps the alumnus informed and involved in the ongoing educational, athletic and social activities at Minnesota. Perhaps most importantly, those alumni who play an active role in the Association provide the University community a "meeting ground," a place to discover the attitudes and opinions of its most important constituency — its alumni!

Serving the needs of such a varied alumni body demands a centralized effort under the umbrella organization of the Minnesota

Alumni Association. By recognizing the loyalties of individuals to a particular campus, college, school or department, the Alumni Association can best accommodate such a group. With emphasis placed on these individual "alumni societies," graduates are better informed not just of news in their particular college or department, but of the needs as well.

How can you, as an informed, active member of the MAA, best serve the University, realizing your obligations and responsibilities as a Minnesota alumni?

The Presidents Club of the University of Minnesota Foundation will hold its Fall Dinner beginning at 6:30 p.m., October 14, at the Radisson St. Paul Hotel.

The annual event includes a cocktail hour, dinner, music and entertainment. Presidents Club members will receive a formal invitation in the very near future.

First, you can help assure continued quality and growth at the University by contacting your State legislators, urging continued support of favorable University legislation. (State monies provide 35 percent of the University's annual operating budget.)

Those of you representing corporations and firms, large and small, can help maintain the quality reputation of a University education by hiring a Minnesota graduate. A young person with a University degree not only brings youth and enthusiasm to a job, but reflects the skills and knowledge acquired while at Minnesota.

Finally, send us your top high school graduates. The University offers the young student innumerable fields of study, prominent professors, extensive library resources, as well as the exciting social atmosphere of a large University system. The size of the University, especially its Twin Cities campus, can seem prohibitive to a young person graduating from a high school in a small, rural community. Yet, it is this very size which allows for so many different opportunities.

But the responsibility does not stop here. Growing demands for state tax dollars and fierce competition for federal monies demands the attention of every University graduate. Private dollars, provided by Minnesota loyalists everywhere, have become increas-



BOB ODEGARD, executive director of the University of Minnesota Foundation, stands in front of a familiar Minneapolis campus scene outside of his Walter Library offices.

ingly important for both program maintenance and growth.

And again, the Minnesota Alumni Association comes to mind. From a development officer's point of view, there is no finer group to work with than Association members. The commitment to the institution is there. No identity crisis exists; MAA members know what it means to be a part of Minnesota's continuous growth. They recognize the problems. They understand the obligations. MAA members are part of the excitement.

Excitement? Yes, there's excitement. During 1976, \$27.1 million in voluntary support was received by the University from 22,449 individuals, corporations and foundations. Minnesota is ranked second in the nation

among public institutions in the level of private support, and eighth among all colleges and universities, both public and private. Nearly 100 new Presidents Club members have joined our ranks in the past year. And our youngest, and often most skeptical, graduates are showing a strong interest in supporting their alma mater.

This spring, over 5,000 students will become alumni of the University of Minnesota. As times change, their interests and life styles reflect these changes. We will change with them. But as graduates, they must share the responsibilities we all have in maintaining the excellence of the University of Minnesota. If they follow the footsteps of those before them, rest assured there will be no disappointment.

New cancer vaccine excites professor

Encouraging results in the treatment of patients with cancer using a purified form of vaccine have been reported at the University of Minnesota. Assistant Professor of Medicine Gerald Vosika recently described research studies involving 23 patients with advanced lung cancer, kidney cancer or malignant melanoma before the American Society for Clinical Oncology.

"The most exciting results have been observed in patients with malignant melanoma (cancer of skin moles), where disappearance of the disease has begun after only three weeks of treatment," Vosika, a medical oncologist (cancer specialist), said. "Malignant melanoma is almost always incurable once it reoccurs after surgery, and drugs currently used in treatment are only minimally effective."

Material for the vaccine was prepared by Gary Gray of the University of Minnesota chemistry department and combined with a second component prepared by Reno Parker of Hamilton Biochemicals, Hamilton, Montana. Although this vaccine is related to BCG (bacillus of Calmette-Guérin) vaccine, which has been used for some time in research studies of cancer treatment, the present material is considerably more pure and many times more effective in experimental model systems, Vosika said.

"The vaccine, which works best when injected directly into the tumor, appears to act by increasing the patient's immunity to the cancer. The exact way in which this occurs is unknown," he said. "However, the vaccine is believed to stimulate the immune cells in lymph nodes close to the tumor, which then attack and kill the tumor."

As part of the investigation, extensive tests of each patient's immune system are being carried out in collaboration with Jon Schmidtke at the University. "Our basic premise," Vosika said, "is that the vaccine should make the tumor go away. By doing these tests, we can learn how the vaccine works and why in some patients it doesn't work. With this information, we hope to design therapies based on the individual patient's immune system."



AFRICA

Join fellow Minnesota alumni and friends on an unforgettable vacation adventure in Kenya, Africa.

February 18 — March 8, 1978

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Join us on this in-depth 19-day journey to the famous reserves and national parks of Kenya: Nairobi National Park, Treetops or the Ark near Aberdare National Park, Mt. Kenya Safari Club's animal orphanage, Samburu Game Reserve, Amboseli National Park, Pinderosa Game Sanctuary, Tsavo (West) National Park, and Masai Mara Game Reserve.

Tour arrangements by Maupintour.

Please send information about University of Minnesota Alumni Association's KENYA EAST AFRICAN ADVENTURE February 18 — March 8, 1978

(Reservations limited to 24 guests.)

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