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1976 DECEMBER/1977 JANUARY

alumni news

PUBLISHED BY THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

On The Inside:

- News of University programs and campus personalities
- Alumni activities and the leadership that makes them go
- And much, much more. . .

"On, Minnesota" gave Wisconsin its popular fight song

By Professors Chun C. Lin, Roger H. Stuewer and J. H. Van Vleck

Editor's Note: The published edition of "On, Wisconsin" had printed on its cover, "Words by Carl Beck, music by W. T. Purdy." However, Marylois Purdy, in a letter printed in the January 1974 Wisconsin Alumnus on page 3 says that the words were not written by Beck, but by her father, William Purdy, yet had been attributed to Beck because he had been a University of Wisconsin student, while Purdy had not.

Some time ago a friend sent one of us (JHV) a full-page spread of the November 14, 1975 Madison (Wis.) *Capital Times*, which carried the headline "On, Wisconsin" got its start as "On, Minnesota." The accompanying text elaborated on the theme, often mentioned in the press over the years, that Purdy, who had composed the music in 1909, had done so with the idea of entering it for a prize in a song contest being conducted by the University of Minnesota — but was talked into making it "On, Wisconsin" by Carl Beck who had previously attended the University of Wisconsin for two years, and was then living in the same rooming house as Purdy was in Chicago.

The receipt of the *Capital Times* article rekindled in the recipient's mind two questions about which he has wondered from time to time. First, what was the song that won the University of Minnesota contest? Was it by chance "The Rouser," ("Minnesota, Hats off to Thee . . .")? Second, remembering as a boy, a Wisconsin song contest sponsored in 1909, he wondered if after all "On, Wisconsin" hadn't won a prize. His almost juvenile interest in the songs of Wisconsin and Minnesota is the result of his having grown up in Madison, having played in the Wisconsin Band (1916-18) and later having been a member of the faculties of both institutions at different times.

He therefore wrote to two of his physicist friends on the faculties at Minnesota and Wisconsin, respectively, to research this subject. Some surprising facts came to light, and the

following joint communication by three physicists on a topic connected with the history of college music is the result. It has been submitted in slightly different versions to the alumni magazines of both Minnesota and Wisconsin, since there is probably much less overlap in their readership than in the history of their songs.

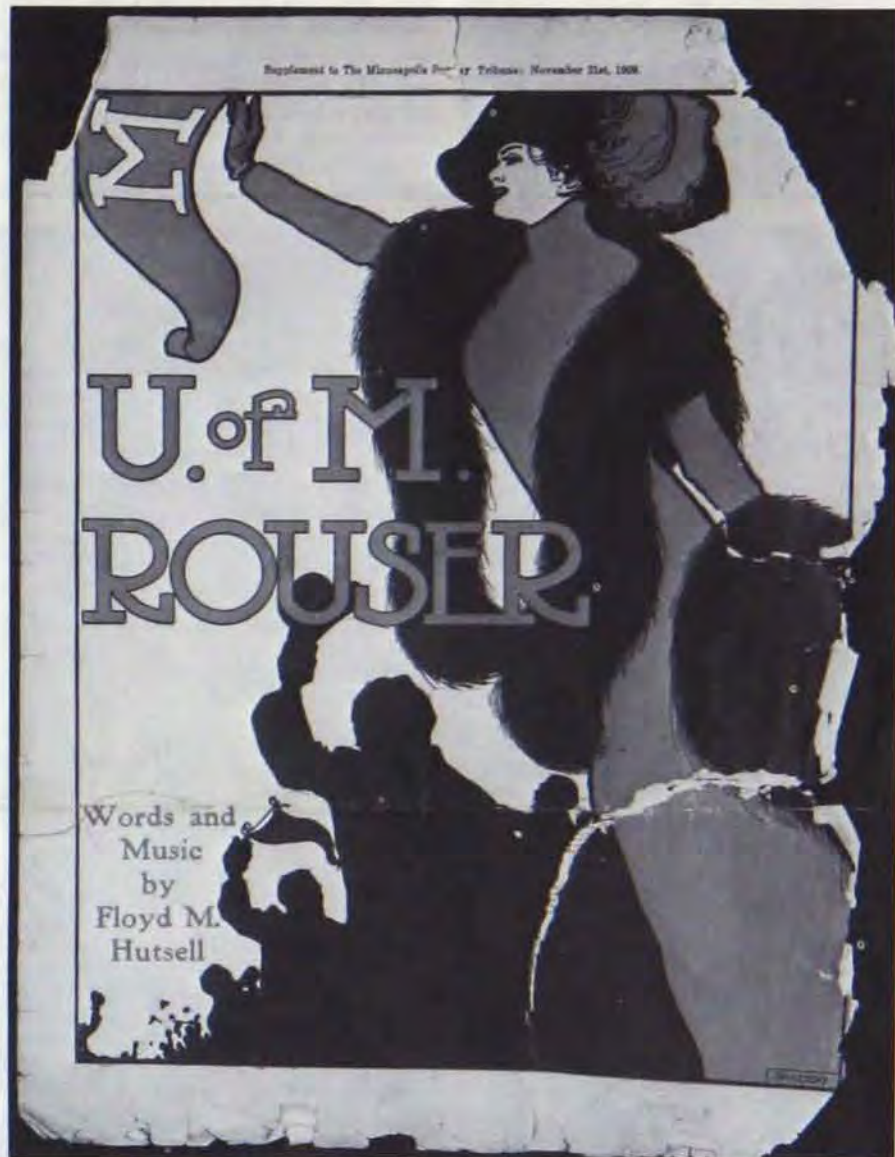
Early Daily articles detail University of Minnesota song contest

One of us (RHS) searched the *Minnesota Daily* for 1909, and it turns out that indeed it was the "Rouser" that won the \$100 Minnesota prize. The University of Minnesota contest had developed increasing momentum as time progressed. Originally, the prize was to be only \$5 contributed by the *Daily*, but the stipend was gradually upped to \$100 (in gold!) because of a \$5 contribution from an alumnus, \$50 from a Minneapolis newspaper (*The Tribune*) and \$40 from Horace Lowry, Class of 1900. Thus, contrary to statements made from time to time in Madison newspapers, it was not sponsored by a Saint Paul or Minneapolis music store.

There were almost a hundred entries in the University contest. The winner, Floyd M. Hutsell, the unanimous choice of the selection committee, was announced on November 10, and his full text and score were printed in the *Daily* on November 13 (the Saturday of the Wisconsin-Minnesota game). It included, besides the main refrain, a prior verse that is never, or at least hardly ever, played.

Another of us (CCL) searched the *Wisconsin Cardinal* for 1909 and the *Wisconsin Alumnus* for 1909-12. He found that the senior writer was correct in remembering that there was also a Wisconsin (UW) song contest. It was sponsored by the UW Club of Chicago and first announced in October 1909. However, he was incorrect in remembering (or inferring) that the prize was shared by "On, Wisconsin" and the "Cardinal March" (another song introduced and printed in 1909 which did not survive because it was about as

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FLORIZEL MODE '36MSW, Natick, Massachusetts, sent along this time-worn copy of one of the first copies of the "Minnesota Rouser" when her husband Walter '42BBA traveled to the Twin Cities to attend a board meeting of the Minnesota Alumni Association this fall. This was the song that won the \$100 prize in a 1909 University contest that sought an appropriate and rousing tune with words that would inspire the Minnesota athletic teams to victory.

Leon Snyder honored at testimonial

Governor Wendell R. Anderson proclaimed a "Leon C. Snyder Day" this fall, stating that Snyder "has been the driving force behind the development and expansion of the University of Minnesota Landscape Arboretum which is devoted to testing and development of hardy ornamentals . . ."

Snyder has retired as director of the arboretum which is located at Chaska, Minnesota. He also retired as head of the University's Department of Horticultural Science and as superintendent of the Horticultural Center at Excelsior, Minnesota.

Governor Anderson's proclamation concluded that "the people of Minnesota and the entire horticultural industry have greatly benefited from his (Snyder's) efforts."

Seven hundred of Dr. and Mrs. Snyder's friends attended a recognition dinner at the Radisson South Hotel to pay tribute to them.

The brass quintet of the Minnesota Orchestra provided music before LaVern A. Frech, assistant dean of the University of Minnesota Institute of Agriculture, Forestry & Home Economics, took over as emcee. Speaking for the community were Wallace Allen, managing editor of the *Minneapolis Tribune*, Philip

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LEON SNYDER, director emeritus of the University's Landscape Arboretum, left, and former Minnesota Governor Elmer L. Andersen, chairman of the Arboretum Development committee, talked before the Fall testimonial honoring Snyder and his wife Vera.

Theatre production to tour Pacific

The University of Minnesota Theatre's production of "Jacques Brel is Alive and Well and Living in Paris" has been selected by the USO (United Service Organization, Inc.) to tour the Pacific.

The selection was made after a USO-American Theatre Association (ATA) screening committee viewed the late October opening night production in Rarig Center on the Twin Cities campus.

This is the fifth University of Minnesota production to be selected for a USO tour in the University Theatre's history.

The six-week tour will begin January 13 and will include performances for U.S. military forces in such places as Japan, Guam, Korea, Wake Island and the Phillipine Islands.

The tour is sponsored by the USO and the U.S. Department of Defense.

Kenneth Graham, professor and director of the University Theatre, is the director of the cabaret-style musical, which includes a cast of seven theater students.

Irene Kreidberg retires as Club Manager



have enjoyed it all, and were it possible, I would like to write a personal note to each of our ever growing list of members, 3,000 strong, as I give up the management of the Club.

You will enjoy working with my successor. Please extend the same confidence to him as you gave me which made it possible for me to have the Club succeed in the almost three years since we opened our doors.

My being a charter member means I expect to use the Club and see you again. I hope our paths will cross many times. I must confess, I am experiencing some trepidation on becoming a "lady of leisure". It will certainly be a new experience for me, and I will miss you and the Club.

Thank you for the trust you placed in me to be the first General Manager of our Minnesota Alumni Club.

Sincerely,
Irene D. Kreidberg '30BBA '67OAA

Dear Alumni Club Members:

It's extremely difficult for me to write my "Swan Song", but the time has come for me to think about more play and less work.

Opening the Club was an enjoyable challenge. All the hard work and long hours revolved around the pleasure of working with old and new friends. I

Special program aids women students

Women accounted for the entire increase in the number of students this fall at the University of Minnesota.

Systemwide enrollment fall quarter at the University was 56,103, an increase of 1,024 students from a year ago. The number of women enrolled increased by 1,190, while the men's enrollment declined by 166.

On the Twin Cities campus, the enrollment of women totaled 19,391, an increase of 787. The number of men enrolled declined by 269 to 26,980.

Fred Amram, director of the Consolidated HELP (Higher Education for Low Income Persons) Center on the Twin Cities campus, knows only too well the special problems of a certain group of women now enrolling in University courses.

"They are in a panic. Some are in the midst of a divorce or recently divorced and want a marketable skill today," Amram said.

While the HELP Center counselors and support groups can assist with the self-confidence problems — "I am too old for school," "It's been too long" — guilt feelings about leaving the children at home and the problems in finding child-care services, the center has been frustrated in being unable to help with financial worries.

"They are the suddenly poor. The majority do not qualify for AFDC assistance and some refuse to even think of receiving welfare assistance," Amram said.

Still others are married to husbands who are unable or unwilling to contribute toward their wife's college expense.

Amram said the HELP Center sought sources of support and last summer received a four-year grant of \$40,000 from the Dayton-Hudson Foundation for eligible students who have minor children and are in difficult financial circumstances, but are not on welfare.

Twenty-two women received the first money from the program this fall. A total of \$5,409 was distributed in sums ranging from \$13.95 to \$900, with \$193 the average payment.

"The need is just enormous," Amram said, adding that it is not likely that very many more women can be helped during the rest of the school year, with half of this year's funds already allocated and the women who received the funds fall quarter needing assistance the remainder of the year.

Earlier, Amram had predicted that there would be about 20 women who would graduate with the assistance of the grant money during the four-year period. He has been happy to discover that he underestimated the number.

"Half of those who enroll have previous college experience and did adequate work when they were here until they left to get married and never finished school. They have less than four years remaining to achieve marketable skills," Amram said.

The women receiving grant money fall quarter range in age from 23 to 57, with the average age being 35. Five of the women are seniors and there are six juniors, five sophomores and seven freshmen.

Amram said the success rate of the women students served by the HELP Center is much higher than that of the average University student.

"They are like the World War II veterans who did so much better because they felt it was their last chance and a great opportunity for them," he said.

Environmental design contest is open

A statewide suggestion box for Minnesota's future, with prize money for the best ideas, is now open for entries.

New and old ideas for helping people get along with diminishing natural resources are being sought in "Environmental Design: Native Wit," a competition sponsored by the University of Minnesota and the Minnesota Society of Architects.

The statewide competition is open to any state resident with a suggestion for building, neighborhood or landscape design, with emphasis on energy conservation in everyday life and other sources of energy for old and new structures. The idea should be submitted in a diagram, photograph or drawing, accompanied by a written explanation.

According to contest coordinator Huldah Curl, examples of projects that could be entered are building with salvaged materials, using refuse for energy, building for a harsh climate, year-round planting ideas, new uses for historic buildings, solar and wind energy, inner-city revival, neighborhood and community planning and suggestions for "making do with what is available in natural resources."

Up to six \$1,000 cash prizes will be awarded and up to thirty additional entries will receive merit awards. The contest entries will be judged by professionals in planning, economics, design and housing, and representatives from rural and urban communities in Minnesota. The judges will choose works to be exhibited and also determine the award recipients on the basis of simplicity, economy and the possibilities for wide adaptation and application.

The exhibition of selected entries will travel throughout Minnesota, beginning in Minneapolis in June at Butler Square.

Entry forms to participate in the contest will be available January 15 from "Environmental Design: Native Wit," Continuing Education in the Arts, 322 Westbrook Hall, University of Minnesota, Minneapolis, MN 55455. Projects should be completed and sent in by mid-April. All participants, individuals or groups, must complete an entry form to be eligible.

"Environmental Design: Native Wit" is sponsored by the University of Minnesota Agricultural Extension Service, Continuing Education in the Arts and the Minnesota Society of Architects. Additional support has been provided by the Northwest Area Foundation, the Minnesota State Arts Board and the General Mills Foundation.

Youth Center receives additional grant

The University's Center for Youth Development and Research has received a supplemental grant to its National Youthworker Education Project (NYEP) from Lilly Endowment, Inc., Indianapolis, Indiana, in the amount of \$30,688.

The grant will assist in continued training of personnel from correctional facilities, together with other community youthworkers.

The Minnesota project is being directed by Gisela Konopka and Ruth Teeter.

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Arthur Naftalin

Naftalin hosts University TV show

A former Minneapolis mayor who is now a University of Minnesota professor is hosting a nine-month-long television series which began October 6 on public television station KTCA, channel 2.

Arthur Naftalin '39BA '42MA '48PhD, a professor of public affairs, is serving as moderator of "Public Affairs Forum" — a program intended to explore local and national issues of major interest to Minnesota residents.

Each segment is devoted to one issue. The show is covering such topics as declining school enrollments, press coverage of the political campaigns, energy policies and research in Minnesota, government regulation of day-care facilities and conservation of the Mississippi River as a multi-use resource.

Producer of the program, which is broadcast at 7 p.m. Wednesdays, is University Media Resources, Continuing Education and Extension.



THE GOPHER YEARBOOK HAS RETURNED TO CAMPUS. University of Minnesota sophomore Gopher Yearbook co-editors, Janet Nazy, seated, and Delores Stone, posed for *The Minnesota Alumni News* where they had already photographed more than 600 University seniors for the Gopher during fall quarter. The girls were high school classmates and co-editors of the Mounds View (Mn) High yearbook. They applied for the job at Minnesota because they thought it would be fun, but more importantly, because they wanted to be part of a major student activity on the Twin Cities campus.

The Gopher reappeared in 1976 after disappearing from the campus after its 1968 edition. The book that Janet and Delores are editing will have about 100 pages and sells for \$5.95. Approximately 60 of these pages will contain pictures and information about student life at the University of Minnesota.

Though their budget is very limited and they will never be fully reimbursed for the time they have spent on this project, Janet and Delores are enthusiastic about their work and their enthusiasm is shared by the student designers, artists and photographers who will help them complete the yearbook.

The co-editors are also pleased with the number of seniors who came to have their pictures taken for the Gopher. The photo sessions were free to seniors and they had only to make an appointment to have a brief sitting with the New York photographer who was on campus especially for this assignment.

Election effect on foreign policy assessed in Alumni Club program

Third World and energy considerations will be priorities in the Carter administration's foreign policy, University of Minnesota analysts told the group of Minnesota alumni and friends who attended a special seminar co-sponsored by the Alumni Club in November.

There will be "more weight given to democratic values, more sympathy for Third World countries and continued awareness of energy considerations," Yvette Oldendorf, director of the University Year for Action told the audience at the Club during the discussion which was also sponsored by the World Affairs Center and Continuing Education and Extension.

Oldendorf, a Carter campaigner, was balanced by Public Service commissioner Arlen Erdahl, a former Republican state representative and Minnesota secretary of state, who observed that the "new concern for the Third World is not because of our (the United States') continued power but because of their increased power."

Predictably, Erdahl and Oldendorf disagreed on the question of whether Carter will appoint another secretary of state of Henry Kissinger's stature, with the Democrat placing Carter adviser Zbigniew Brzezinski in that class and the Republican saying Kissinger is one of a kind.

Two other participants, Burton Paulu, Uni-

versity director of media resources, and William Rogers, director of the University's World Affairs Center, pointed out that an American presidential election is watched abroad more closely than most Americans realize.

"It must be very difficult to be watching this election approach and know what it means to you, but to not be able to vote," Rogers said.

Paulu said that foreign news coverage of the American election was very thorough, certainly much more so than American coverage of other nations' political affairs.

"The same information available at KUOM (the University radio station) is available at the BBC or in Moscow or nearly anywhere else around the world," Paulu said. One recent BBC program featured 15 minutes devoted to a detailed account of Carter's early political activities.

But despite such complete coverage of American elections, there is not much understanding of the American system, even of foreign policy, which Oldendorf attributes to the fear of presidential candidates, particularly Democrats, to discuss openly foreign policy alternatives.

Whatever changes are made in American foreign policy, however, they're not likely to be made rapidly, although Carter and the congressional majority hail from the same party.

"Sometimes the executive and legislative from the same party fight more than if they were from different parties," Erdahl observed.

"There really isn't a Democratic party — it's a coalition," Oldendorf said. "So don't expect too much change too quickly."

University fall enrollment sets records, but is short of earlier predictions

The University of Minnesota had a record fall quarter enrollment of 55,761 this year, according to University officials. But even though the numbers were up more than 1,000 students from a year ago, the enrollment was still less than had been predicted earlier by the University.

President C. Peter Magrath said that recent talk of necessary enrollment controls for next year already may have had an impact.

"Some students may have voluntarily decided to begin or continue their college education elsewhere in Minnesota," Magrath said. "Still, it must be noted that this new enrollment peak places a further burden on the University. We are currently enrolling several thousand more students than the Legislature had anticipated when it determined our funding levels for this biennium."

Major increases in enrollment came in the technical and professional colleges and schools and at several of the coordinate campuses. The number of new students enrolling for the first time declined from a year ago, while the number of students returning to the University after having dropped out increased.

"It is encouraging that so many students are continuing to place their faith in the University of Minnesota. I believe their faith is well justified," Magrath said.

The number of women enrolled in every college increased, even in those colleges which showed a decline in total enrollment.

New enrollment records were set at the University's Technical College at Crookston, with 992 students registered; at Duluth, with 6,561

students; at the Technical College at Waseca, with 851 students; and at the Twin Cities campus, which has 45,788 students enrolled. Enrollment declined slightly at Morris, with 1,569 students registered.

The College of Liberal Arts on the Twin Cities campus, the largest collegiate unit in the system, had a fall-quarter enrollment of 17,220 — nearly the same as one year ago.



Robert Cerny

Cerny received a master's degree in architecture from Harvard University in 1933 and joined the faculty of the University of Minnesota in 1936. He was instrumental in the development of a contemporary curriculum in the School of Architecture. In the early 1940's he was one of the region's foremost exponents of contemporary architecture.

Cerny's influence on the profession is evident in the number of Minnesota architects who owe some or most of their training to experience in his office. More than one firm in five listed in the roster of the Minnesota Society of Architects has one or more principals who are "Cerny graduates."

Among the projects for which his firm has been responsible are Gateway Center, one of the first major urban renewal projects in the country, the Minneapolis-St. Paul International Airport, Metropolitan Stadium, the Sheraton Ritz and Radisson South hotels and the Blue Cross office building.

Cerny was honored in recognition of his service to the profession, to education and to the community.

Cerny honored for his many contributions

Robert G. Cerny '32BArch, who retired from his position as professor in the University School of Architecture this past June, was honored by friends and alumni at a late fall dinner at the Radisson South Hotel in Bloomington.

Cerny is president of the Cerny Associates, Inc., local urban planning and design firm that has received 26 national awards and citations and more than that number of Minnesota Society of Architects awards for excellence in design.

Alumni Center Activities Calendar

A chronology of organized alumni activity throughout Minnesota and the United States in which the Minnesota Alumni Association participates and to which Minnesota alumni are invited.

January

- 7 Minnesota Alumni Pre-Game Party, with special Minnesota section at Gopher-Badger hockey clash (for information, contact Byron D. Rasmussen, 4909 Waukesha Street, Madison)
- 19 Quarterly College of Business Administration Alumni Lecture, Northstar Inn, Minneapolis. Prof Robert Holloway, speaker
- 22 Winter Board Meeting of the Minnesota Alumni Association, Twin Cities campus
- 23 College of Pharmacy Alumni Association Annual Theater Dinner Party, Old Log Theater, Excelsior, Minnesota
- 27 An Evening With The Professor: History prof Clarke E. Chambers, "When the World Came Unglued: History & Historiography of Our Own Age," Alumni Club, Minneapolis
- 29 Pregame Minnesota Alumni Reception before Minnesota-Ohio State Basketball Game, Columbus, Ohio
- 30 (through 2/6) Big Ten Caribbean Cruise
- 31 Brainerd (Mn) Alumni Annual Meeting, Regent Mike Unger, speaker

February

- 3 President's Seminar: Vivian Barfield, director of Women's Intercollegiate Athletics, "The Minnesota Plan: Women in the Winner's Circle," Alumni Club, Minneapolis
- 5 Minnesota Alumnae Club Scholarship Brunch & Fashion Revue, Leamington Hotel, Minneapolis
- 8 South Pacific Escapade Tour Dinner, Alumni Club, Minneapolis, Assoc prof & placement exec Arnold S. Woestehoff, speaker
- 10 An Evening With The Professor: English prof and folklorist Ellen Stekert, "The Folklore About Folklore," Alumni Club, Minneapolis
- 11 Fargo-Moorhead (Mn) Alumni Annual Meeting, College of Business Administration dean Arthur Williams, speaker
- 11 General College Alumni Association Theater Dinner Party, Downtown Theater, Minneapolis
- 15 Veterinary Medical Alumni Annual Meeting, Saint Paul Radisson Hotel, Asst hockey coach Brad Buetow, speaker
- 17 Saint Cloud (Mn) Alumni Annual Meeting, Prof of journalism Everette Dennis, speaker
- 21 Minnesota Alumni Breakfast, Sun City, Arizona
- 21 Minnesota Alumni Luncheon, Phoenix, Arizona (both in connection with Williams Fund Arizona Golf Tournament in Scottsdale)
- 23 College of Business Administration Alumni Board-Student Leader Luncheon, Alumni Club, Minneapolis
- 24 An Evening With The Professor: Prof of Scandinavian & German Anatoly S. Liberman, "A Russian Looks at America," Alumni Club, Minneapolis

Minnesota contest sought "inspirational" tune

Photo by Paul Wychor

(From page 1)

easy to sing as the "Star Spangled Banner"). In contrast to the Minnesota prize, which was successively enlarged with considerable fanfare in six different issues of the *Minnesota Daily*, it took a good amount of research to ferret out the details of the Wisconsin contest, which has a much less illustrious course of events.

It was a case of too little and too late — first prize \$50, second \$25 and the deadline was not until the next edition of the Wisconsin song book was ready for publication, which proved to be November 1, 1911. The song was to be submitted with a cloak of anonymity (*non de plume*), so that the selection committee could not be accused of personal favoritism. (There was a similar provision in the Minnesota prize, but the deadline was November 1, 1909, so this restriction wasn't a serious deterrent.)

"On, Wisconsin" could have been entered for the Wisconsin prize, but it is asking too much to expect that writers of a good song will keep it secret for an indefinite period — actually for two years. When the prize winners were announced in 1912, the first prize went to Beck and Purdy, the composers of "On, Wisconsin" — but not for this masterpiece; instead, for something called "Let's Drink to Old Wisconsin." Second prize went to "Our Dear Old Wisconsin," by A. C. Runzler. None of us can recall ever having heard of either of these tunes. One can't help but wonder if somehow the veil of secrecy was broken and the selection committee wanted to give a belated token prize to the authors of "On, Wisconsin."

Alumni writings and local reportings are so parochial that no one seems to have noted the incredible simultaneity in the debut of the "Minnesota Rouser" and "On, Wisconsin." The press has often carried the story of how "On, Wisconsin" was played at the Mass Meeting on November 11, 1909, two days before the Wisconsin-Minnesota game at Madison, was a smash hit, and was played at that game by the band (incidentally, the first football game that one of us attended). The official premier of the "Minnesota Rouser" was at the Minnesota-Michigan game in Minneapolis on November 20, 1909 — the *Minnesota Daily* announced on November 3 that "Professor Scott consented to teach the song selected to the student body at chapel (*sic* — really convocation), November 15th, so that they (would) have it in good condition for the game with Michigan the following Saturday." However, the winner actually was announced on November 9 and was played at the Mass Meeting November 10 in preparation for the Minnesota-Wisconsin game.

According to the *Daily Cardinal*, the Wisconsin glee club also sang "On, Wisconsin" at a concert on November 10. So the two unofficial premieres of the songs coincided to the very day. This remarkable coincidence is appropriate, in that the Wisconsin-Minnesota gridiron rivalry is by far the longest in the Middle West — continuous since 1890 except for 1906 when there was an athletic clean-up at Wisconsin, largely at the instigation of the distinguished historian, Frederick Jackson Turner, who was then on its staff.

Unfortunately, the premieres of the new songs failed to produce the desired catalytic effects on the respective teams: in 1909 Wisconsin lost to Minnesota, and Minnesota lost to Michigan.

Needless to say, the "Minnesota Rouser" and "On, Wisconsin" are in the very front ranks of college songs. Perusal of the *Minnesota Daily* reveals that the goal of the 1909 song contest was to produce a song as stirring as the "Yale Boola" song or the "Big Red Team" of Cornell (a song a Harvard dean who once played in the Cornell band tells us is now only infrequently heard). The "Yale Boola" was considered by far the greatest college song around the turn of the century. In an article in the *Wisconsin Alumnus* in 1910, Carl Beck emphasizes what a wonderful tune "composed by 'the other fellow, W. T. Purdy,'" this Wisconsin song was. He cites how the "Boola" has added greatly to Yale's prestige and publicity and he urges Wisconsin alumni to push "On, Wisconsin" so that their university might become better known. He even mentions that the Smith College girls were singing "On, Wisconsin" in the "elite East" in 1910. Perhaps they had a premonition that Smith's new president in 1959, Thomas Mendenhall, would have grown up in Madison (though he graduated from Yale) as the son of the distinguished Wisconsin professor Charles



Professor J. H. Van Vleck, Harvard



Professor Chun C. Lin, Wisconsin



Professor Roger H. Stuewer, Minnesota

The U. of M. Rouser
Words and Music by FLOYD M. HUTSELL

Allegro Moderato
Mia - a - na - na, sub - mit - te - re, The - poor - est - here

CHORUS
Allegro Moderato
Mia - a - na - na, sub - mit - te - re, The - poor - est - here

Let - us - be - lie - ve - in - our - God, Who - is - with - us - al - ways

Let - us - be - lie - ve - in - our - God, Who - is - with - us - al - ways

Let - us - be - lie - ve - in - our - God, Who - is - with - us - al - ways

Let - us - be - lie - ve - in - our - God, Who - is - with - us - al - ways

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MOST ALUMNI only know the chorus of "The University of Minnesota Rouser," and do not realize that there is an initial verse that is rarely sung.

Mendenhall. The music of "On, Wisconsin" with different words is currently used by almost 1,000 high schools throughout the country.

Certainly both "On, Wisconsin" and the "Minnesota Rouser" have had a greater popularity in the last 50 years than the Yale "Boola Boola," which at New Haven has been largely sidetracked in favor of Cole Porter's "Bull Dog Bull Dog Bow-wow-wow — Eli Yale." Through the rising football fortune of the University of Oklahoma, the Boola tune, however, has been heard incessantly in the last few decades as "Boomer Sooner."

1909 Daily articles enhance nostalgia

The issues of the *Minnesota Daily* of 1909 provide some very interesting reading, revealing the simplicity of earlier days and giving one a feeling of nostalgia. The first entry in the Minnesota Song Contest (when the stipend was \$5) was to the tune of "My Wife's Gone to the Country" ("O Minnesota's Winning, Hooray, Hooray") and reported in the October 8, 1909 *Daily*.

On October 13, along with continued information on the song contest, there was also the headline, "Prexy Returns To Duties After Hard Eastern Trip": Minnesota's then President Northrop had visited Harvard and Yale, attending the inauguration of Harvard's new President Lowell! One could only wish that modern student bodies viewed the troubles of their administrators so sympathetically. Incidentally, on this trip President Northrop wired back his endorsement of the Minnesota song contest. His trip was in part for scouting purposes — not for a new football coach, but for a new president for Minnesota. The choice ultimately fell to George E. Vincent, then on the Chicago faculty.

In addition to their football songs, Minnesota and Wisconsin have two exceptionally

fine Alma Maters. "Minnesota Hail to Thee" was written by Truman Rickard, a lifelong Minnesotan (and obviously a Golden Gopher). The words of "Varsity" were composed by Henry Dyke Sleeper of the Wisconsin Music department (Gounod was not a Badger!).

This past August the bust of John Phillip Sousa, the "March King," was added to those in the National Hall of Fame, largely through the efforts of Raymond Dvorak, former director of the Wisconsin Band. Sousa composed marches for both Wisconsin and Minnesota, "Wisconsin Forward Forever" in 1917, and the "Minnesota Victory March" in 1927. The latter has been played continuously ever since. "Wisconsin Forward Forever" fell into disuse, but has been revived since 1969.

It is certainly fair to say that neither of these marches has had the vogue of the "Minnesota Rouser" or "On, Wisconsin." Sousa himself called the latter "the most stirring, enthusiastic college melody I have ever heard." Unfortunately, Minnesota and Wisconsin can't claim to be the only midwest universities that have a Sousa march dedicated to them. There are also Sousa marches for the Universities of Illinois and Nebraska, as well as Marquette University. One of Sousa's titles includes the word "Wildcat" and two (one written in 1881) the word "Wolverine" — whether they had any connection with Northwestern and the University of Michigan, we don't know. Sousa had no comparable array of marches for the Ivy League, perhaps a manifestation of the fact that Land Grant Institutions had of necessity military units and hence bands in the early days. Harvard, for instance, didn't have a band until 1919.

One of us has inherited a volume entitled *Songs of All the Colleges*, compiled and arranged in 1900 by David B. Chamberlain and Karl P. Harrington, who was a close family friend, and who had a long and distinguished career as professor of classics at Wesleyan

University. It is today a fascinating period piece and collector's item. The introduction says that the compilers endeavored to select songs which are most popular today (1900) in all the colleges, and "no expense has been spared to secure the very latest songs." It adds that "to say that a collection of songs is popular with college boys and college girls is really to say such songs are popular everywhere. Indeed, next to the familiar hymns, it is the whole-souled college song with which everyone everywhere is most familiar and which one loves most to hear and sing." Fortunately at that time there was no rock music.

On looking over the volume, one is struck with the fact that a majority of the "best" college songs of 1900 have not survived, or at least have been relegated to comparative obscurity. None of the current Big Ten or Ivy League football songs are in the book. On the other hand, if the volume had been compiled 50 rather than 76 years ago, there would be very little change, as the first quarter of the present century was the period in which the great bulk of college marches was created.

The volume includes the Michigan anthem "Hurrah for the Yellow and Blue," but not Michigan's "Hail to the Victors," a song heard this fall from the opposite side of the political field from the "Rouser." In the Chamberlain-Harrington volume, the entry from Minnesota is "We Cheer for the U of M," which has a title and concluding phrases reminiscent of the final words of the "Rouser." But this (plus mention of the word "Ski-U-Mah") is certainly the only resemblance. We particularly like some of the words of the second stanza, which reads: "For Harvard's noted men of pride, Traditions old and notice wide./We care not one iota/For we love Minnesota" — certainly a unique rhyming of Greek and American Indian.

For Wisconsin, the book includes what it calls the Wisconsin Alma Mater, "Enthroned between two Sparkling Lakes," although it also has "Varsity," which it calls "A Toast to Wisconsin." From Michael Leckrone, director of the Wisconsin Band, to whom we are indebted for this and other information, we have learned to our surprise that "Enthroned" is still the official Wisconsin Alma Mater, and we simply omitted the words de facto in referring to it earlier.

The Chamberlain-Harrington volume naturally included the "Yale Boola" song, but either through choice or because it has not yet appeared, it does not include the Yale Anthem "Bright College Years," whose tune is the same as that of the "Watch on Rhine." Reportedly, the Yale Band played this latter piece just before some French World War I hero (Joffre, Foch or Clemenceau?) received an honorary degree at New Haven, and the recipient was rather non-plused.

Of course, the Harvard Band wouldn't have made such a mistake, nor would Harvard have selected such a tune. Instead, its band does much better at every commencement and plays the same Gounod aria as that of "Varsity" — at Harvard it is called the "Commencement Salute" and the glee club sings the words in Latin. The translation of "Varsity, Varsity,

Snyder built Horticulture department and Arboretum . . .

(From page 1)

Smith, president of the Arboretum Foundation and past president of the Minnesota Horticulture Society, Mrs. William Ellis, president of the Arboretum Auxiliary, and former Minnesota Governor and University Regents' chairman, Elmer L. Andersen, head of the Arboretum Development committee.

For more than ten years, Snyder's garden column has appeared in the Sunday edition of the *Tribune*. Allen said that he does not expect Snyder to retire from writing that column. "You have helped make this Minnesota earth more beautiful," he said.

Smith, who is also president of the U.S. Delphinium Society and a past president of the Men's Garden Club of Minneapolis, founded in 1923 by Walter Quist, said that Snyder's legacy of selflessness, his patience and his ability to motivate have given him the title of "Mr. Minnesota."

He recalled that Snyder had built the University's Department of Horticulture, as well as the Arboretum. Later, Jimmy Ozburn, Snyder's successor as head of the Department of Horticulture Science and Landscape Architecture, reminded guests that Snyder had been responsible for the construction of Alderman Hall and the department's greenhouses, located on the St. Paul campus.

Mrs. Ellis unveiled a portrait of Snyder, commissioned by the hundreds of volunteers who have worked at the Arboretum. A smaller portrait of the original was given to the Snyders by the volunteers — who now expect Snyder to join them.

Governor Andersen likened Leon and Vera Snyder to the moon and apricot tree and its



DR. SNYDER was congratulated by Al Linck, University associate vice president for academic affairs, following the testimonial presentations at his Recognition Dinner.

companion, the sungold apricot tree — one without the other is useless in nature.

Andersen pointed to the fact that the Arboretum and its Education and Research building resulted from private efforts, not from government financing. The driving spirits of numerous men and women provided the initiative for the Arboretum, he said: the Men's Garden Club of Minneapolis had the idea, and the Lake Minnetonka Garden Club supplied the money for the first land purchase.

In the spring, the Education and Research building, according to William F. Hueg, Jr., deputy vice president and dean of the Institute of Agriculture, Forestry & Home Economics, will be re-dedicated as the Leon C. Snyder Education and Research building.

He also announced that Snyder had been made a member of the board of the National Science Foundation and had been presented with the Liberty Hyde Bailey Award, the highest honor given by the American Horticulture Society.

Over \$10,000 was given by Snyder's friends to establish the Leon C. Snyder Scholarship program. James Tammen, dean of the College of Agriculture, until recently a professor at Penn State University, and Ozburn, who came to the University from Cornell, both emphasized the importance of scholarships for students in ornamental horticulture.

Ozburn then spoke of the facilities and the quality of the faculty which Snyder has built.

University president C. Peter Magrath spoke of the beauty surrounding the visitors to the Arboretum. He said that he liked to hold meetings in the Education and Research building because of that beauty.

"Leon has always extended himself through his work and is a living testimonial to the aspiration of the University at its best," Magrath said. "The Landscape Arboretum is a wonderful gift to the State through the University. From private donors, this is a way the University can reach out to people in the State. . . . The University is a complex and imperfect institution, but it is a good place. Our mission is to teach and Leon has done that in a formal and an informal way. He has provided research and service."

Leon Snyder's response was characteristic. He had no prepared speech; he said that this was not a political convention, but a gathering of friends. He thanked them and then told them that he expected to see them at 10 a.m. the next day at the Arboretum's Fall Festival.

Snyder is now director emeritus of the Arboretum. He joined the University staff as extension horticulturist in 1945, becoming head of the Department of Horticultural Science and superintendent of the Horticultural Research Center from 1953-1969. In 1958 he became

Photos by Don Breneman



UNIVERSITY PRESIDENT C. Peter Magrath, with his back toward the camera, Vera Snyder and Leon Snyder admire one of the many framed awards Snyder would receive that evening.

director of the Landscape Arboretum.

He came to Minnesota from South Dakota State College as an assistant professor of horticulture. His degrees include a PhD from the University of Washington.

Snyder is a member of Phi Beta Kappa, Sigma Xi, Gamma Sigma Delta and numerous national and international garden and horticultural societies. He is on the education and awards committee of the Association of American Nurserymen and on the tree selection committee for the International Shade Tree Conference.

He is chairman of the research committee for the American Horticultural Society and on its board of directors.

In 1963 he received the Gold Medal Award from the Men's Garden Clubs of America.

Last year he was awarded the George Robert White Medal by the Massachusetts Horticultural Society, the Medal of Honor of the Garden Clubs of America, the Norman Jay Colman Award of the American Association of Nurserymen, Inc., and the American Association of Botanical Gardens and Arboreta Award for outstanding arboretum development. — Wilma Smith Leland



Bob Stein

Stein named associate Law School dean

Robert A. Stein '61JD has been named associate dean for academic affairs of the University's Law School.

Stein, 38, has been a member of the Law School faculty since 1964. He teaches and researches in the areas of property law, trusts and estates and tax planning.

As director of a national study of probate administration, he spent the past academic year as a visiting professor of law at the University of Chicago Law School and as a visiting scholar at the American Bar Foundation in Chicago.

"I am delighted that Professor Stein has agreed to become associate dean for the next two years during which time we will move into our new building and re-examine our educational programs," Law dean Carl A. Auerbach said.

Auerbach added that Stein will assist him with academic matters involving the Law School and chair committees on faculty appointments, education policy and the new building.

Stein has lectured in 13 states on probate and estate planning and edited a two-volume treatise on probate and another on Minnesota estate administration.

Health careers enhanced for students through rural internships

Three recent graduates of the University of Minnesota School of Nursing have chosen careers in public-health nursing largely as a result of their experiences during an eight-week internship in rural areas of the southeastern United States.

Lynn Ayers, Pat McGovern and Debby Nikkari returned to the Twin Cities campus recently to visit with Health Sciences students and share the experiences they had as participants in the American Medical Student Association internship project.

The eight-week program, offered three times a year, places groups of three to five students under the direction of health professionals in rural communities in Virginia, Tennessee, North and South Carolina. Students receive about \$100 a week and may arrange for credit through their school.

Lynn Ayers, currently a health coordinator for Project Head Start in St. Cloud, Minnesota, called the internship a "valuable lesson" on the importance of the team approach to health care.

"Team members were of various disciplines and we would come back after a day's work and talk for hours about our experiences," she said. "The pharmacy student, for example, would ask if an individual had considered the drug treatment aspects of a case. I also learned just what a health planner and individual in environmental health really does."

McGovern, now a public health nurse for Minnesota's Scott County, said the internship probably helped her get her current job.

"Having experienced some things in public health work during the internship, I am not

surprised when I encounter many of the same things now," McGovern said.

She found that learning about different lifestyles, especially in rural, poverty-stricken areas, was essential for setting up any program of health care. "The educational level is low and it is important to put the health-care education on a practical level," McGovern said. For instance, keeping things sterile is difficult when there is no running water in a home.

The student interns discovered that medical problems varied with the area. "There were medical problems in the coal-mining areas due to mine injuries, and also a lot of mental anxiety among the families of miners over their safety in the mines," McGovern said.

The internship included work with public-health nurses, with health-education programs in schools and with surveys on the use of health programs.

Nikkari, who is now working in the newborn nursery at University Hospitals, found that lack of understanding about preventive medicine was common. "People ignore a problem and hope it will go away," Nikkari said.

All three nurses said it was important to avoid type-casting the areas they worked in as entirely rural and poor, and stressed that the people living there represent all economic levels.

Approximately 70 students a year participate in the Health Training Team project. Nikkari said that though many students in the program come from Minnesota and the eastern states, students from other areas of the country are being sought.

WISCONSIN!

MARCH SONG



THAT WELL-KNOWN COLLEGE SONG, "On, Wisconsin" could well have been "On, Minnesota" had it not been for the persuasive efforts of Carl Beck on its composer, W. T. Purdy.

U-Rah-Rah Wisconsin" into Latin evidently is "Domine, Salvum Fac Praesidem Nostrum!"

One of us read in an issue of the *Minnesota Alumnus* a few years ago that the first few notes of the "Rouser" are engraved on the tombstone on the grave in rural Oklahoma of Floyd M. Hutsell, its composer. Perhaps this reflects the fact this tune would be played more often at the Democratic National Conventions of 1964, 1968 and 1976 than at any Minnesota victory, and that the University of Minnesota Band would be marching down Pennsylvania Avenue playing it at the inauguration of a vice president in 1965 and it would be heard again in 1977.

Editor's Note: Dr. John H. Van Vleck, distinguished Harvard physicist, was educated at the University of Wisconsin and Harvard, taught at the University of Minnesota from 1923-28, then at Wisconsin, before returning to Harvard. Roger H. Stuewer, who received his PhD at Wisconsin, is a professor of physics at Minnesota; and Chun C. Lin, a member of Wisconsin's physics department faculty, received his PhD under Van Vleck at Harvard.



Notes from East-cliff...

By Sandra Magrath



One organization on campus is longstanding in the length of time it has existed (since 1911) and outstanding in the role it plays socially and financially. It is not a very visible group and its members are a somewhat exclusive but most important component of the University. I am thinking of the Faculty Women's Club, to which female members of the faculty and staff or the wives of faculty and staff may belong. The core of the membership, however, is primarily faculty wives.

One of the main social activities of the club is contacting and welcoming newcomer wives to the campus, which culminates in a welcoming tea in the fall. Other activities include the planning of a midwinter event to which the husbands are invited, such as a dance or an entertainment; holding a fashion show and luncheon in the spring; and forming subgroups among the members according to interests that range from bridge, handcrafts, hiking and other recreational sports, art and music to international affairs, literature, hospital volunteer work and the study of problems concerning young people.

One "interest group" is called the Community Concern section, and its aim, according to the club handbook, is "to study and explore the University and the community and to facilitate dialogue between University and community women." This has meant studying and visiting historical, governmental or business sites and institutions around the Twin Cities. The section was a pet project of Tracy Moos, wife of former president, Malcolm Moos, and she is no doubt gratified that the activity has continued. Further, we are glad to see that she continues to attend the group's events.

My own interests, beside the Community

Concern section, are limited by my lack of time, but I have joined the faculty women's bowling league, the Bowling Belles, and have managed to participate on a team called the Careless Quads and have raised my average about 15 points — a remarkable feat for this very unathletic lady. Secondly, I meet with a small group of ladies called the Pen Section to encourage our own literary endeavors. You might call us latter-day Bluestockings, for we have a few published poetesses in our midsts and one who has written more than one Gothic novel. My own by-line has given me proper entrée into the group.

The fund-raising activities of the Faculty Women's Club, in addition to the collection of member dues, usually center on the winter dance, the fashion show luncheon and this fall on a very lucrative Bicentennial craft fair. It is usually hoped that fees for various events will be low enough to encourage attendance and high enough to have some profit after expenses. The money all goes to the most worthy of causes — scholarships for women students — and in recent years one scholarship each year has been given to aid a woman past college age who wishes to finish college or add an advanced degree. It is with pride of accomplishment in our giving that the club invites the scholarship recipients to a luncheon in the spring. The club never is quite sure that its financial goals will be met, but inside those members who work so hard to make events succeed there rises the exultation, "By golly, we've done it again!"

The Christmas season has its intrinsic pleasures, but our Christmas season has the extra pleasure of inviting to Eastcliff for an afternoon tea the members of the Faculty Women's Club. It has become a tradition of early December, and our planning for it means decorating early for Christmas. The College of Forestry students are generous with cut pine branches and a tall tree, which they bring to us.

Mae McBroom, my cook, baker, floral arranger and tree trimmer, usually has many ideas in mind well in advance of the event. This year she made a number of felt, sequin-covered tree ornaments to use in addition to the small birdhouses she made last year. With the help of Mark Anderson, the caretaker, she fastened the pine branches in a garland down the curved bannister in the front hall, setting it off with poinsettias (not real ones) spaced at intervals. The centerpiece for the table featured old-fashioned oil lamps filled with red oil and a silver Revere Bowl filled with solid and peppermint-striped red tree balls. There was a pine wreath with candles on the buffet. For nearly a month Mae baked several kinds of sweet breads and a variety of cookies. There were Norwegian krumkakes, rosettes and the traditional sugar cookies, and, to top all, small sleighs made of five cookie pieces "glued" together with frosting and filled with nuts and candy. As they sipped hot spiced cider or coffee and nibbled on the sweets, the ladies could not have been more pleased.

* * * * *

We shall spend Christmas with my family, taking with us Peter's parents, who live in Minneapolis, in Bristol, New Hampshire, in the tree-covered foothills of the White Mountains. Going to New England is "going home" for me. Minnesota, for all its lakes, forests, farms and friendly people, will never capture my heart entirely. A piece of it is back East. Our trip home is a fitting end to a year of much travel for us. In fact, we have travelled as much as many might do in a lifetime.

As one who grew up near Boston, who has seen New York, London and Berlin, and who now lives in the Twin Cities, I would like to give a few impressions of three cities that I had not seen before this year. The first city is Seattle, Washington, the pride of the northwest coast, a large harbor and a salmon fishing port, and the home of Boeing Aircraft Corporation, makers of the 747 super airplane. This last fact is important to me, for in my childhood my father, Albert Hughes, wrote as a newspaperman about aviation. He made several trips to Seattle to visit Boeing Aircraft and spoke of the city as one of his favorites. (One of the last trips he made was on the maiden flight of the first 747 airplane from Seattle to New York.) I envisioned a city with vast acres of airplane factories. Then in later years he and my mother camped their way out to the Seattle World's Fair and saw the Space Needle, with its revolving restaurant, and the monorail system from the inner city to the fairgrounds. They spoke of the lush greenery of the Douglas firs in the Seattle area. Thus, my mind's eye had a weird picture of a city with fir-covered hills coming down to a fishing-boat-

filled harbor and somewhere in the background a mass of airplane factories.

Fortunately for Seattle (and with some disappointment on my part), we found it to be a city of tall buildings with many commercial piers on the waterfront, the airplane plants well dispersed and not too noticeable, located on a wide plain west of the distant Cascade Mountains. A dominating presence to the south of the city was Mount Rainier, snow-covered and often hid by clouds. When we took a day's tour to the mountain (not up it!) and its surrounding parklands, we did indeed see the tall Douglas firs. While near the mountain we were treated to an early October snowstorm, only to find Seattle clear and cool when we returned to the city that evening. Our stay in the city was brief, marred somewhat by the Minnesota football team's losing to the University of Washington. But as we drove to the airport, there appeared in front of us the peak of Mount Rainier, shrouded at the base in clouds, yet the summit clear in the sky as if it were a heavenly mountain.

There is no one we have met so far who knows San Francisco that does not fall in love with the city at first visit. We were no exceptions. Here again I was predisposed to like the city because of my father's previous travels to it and his most favorable accounts of it. My preconceived notions of the city tended to dismiss the hills as exaggerated, to think that "quaint" little cable cars run all over the city, and to believe that Fisherman's Wharf was a long pier out into the water with strong-smelling fishing boats tied up to it.

My ideas of the geography of the bay area and the location of the city itself proved to be all wrong. The hills took my breath away when I walked up them, there were only two cable car routes, and Fisherman's Wharf was a huge money-grabbing tourist attraction with shops and restaurants, which we enjoyed visiting. My geography was completely corrected by a tour all around the bay by boat and a bus tour around the city. Perhaps my baseball-loving Red-Sox-fan husband could not quite "stomach" a meal at Joe Dimaggio's restaurant on the Wharf, for I noticed he walked me right past it. We learned after our visit that cable car brakes are not as reliable as they seem, but at the time we climbed aboard quite unafraid and were only somewhat apprehensive as we whizzed at a good clip down several hills.

Remembering our recent trip to Japan, we walked over to the Japan Center and wandered among the shops, seeing again the lacquer ware, the painted dishes, the bamboo ware, the baskets and the kimono fabrics we had so admired in Japan. We noticed a sign for a display of bonsai trees and stepped inside a large hall full of Japanese people. Against the walls on tables were placed wonderful examples of

the bonsai art — red maples and pines in particular — with carefully spaced branches that often curved gracefully below the level of the tables from trunks that were more than a foot high. The Japanese people bowed politely to each other and spoke in their own language. We truly felt we had stepped into a small corner of Japan.

Our opportunity to see San Francisco with its mighty bay bridges, its row houses that go up the hills like steps, its banging cable cars and its busy wharves came from our intent to visit for an evening with a group of University of Minnesota alumni living in the San Francisco area. After dinner Peter talked informally about the University and answered questions. We have had evenings similar to this in Pasadena, Boston, Washington, D.C., Phoenix and St. Petersburg. It is a pleasure to meet with alumni groups.

The fall meeting of the American Association of Universities, composed of presidents from nearly 50 of the large public and private research universities, who meet to discuss mutual problems and to act as advocates of higher education to the federal government, was held in Philadelphia, primarily because of the Bicentennial Year. Many wives also attended, and President and Mrs. Martin Meyerson of the University of Pennsylvania were our hosts. Mrs. Meyerson, whose enthusiasm for her city was most engaging, acted as a tour guide and also made arrangements for us to see Independence Hall; Congress Hall, where the first congress met (featured recently as a main setting for several episodes of the television series, "The Adams Chronicles"); Pennsylvania Academy of Fine Arts, the oldest museum in the United States; a special Bicentennial display at the Pennsylvania Historical Society; and two country homes of early residents of the city on the banks of the Schuylkill River. We also toured the University of Pennsylvania campus and later had dinner in a great hall amid the relics of ancient Egypt in a campus museum.

I expected Philadelphia to be similar to Boston, and it was — full of landmarks that stand as firm reminders of the events shaping the beginning of our nation and its constitutional government. However, I did not know of the blocks and blocks of two-story row houses, some as old as the 1820s, with doorways right on the sidewalks, only two rooms deep, in the Society Hill area of the city. These no doubt were the "originals" of the row houses of San Francisco. We visited the row house where Dolly Madison had lived with her first Quaker husband named Todd, a lawyer's modest dwelling. Then we compared this to the more wealthy dwelling of Bishop White, only two blocks away. I did not know either of William Penn's careful plan for the layout of the city, still evident in its central city hall and its

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Applications and nominations are invited for the position of chief financial officer of the University of Minnesota system (five campuses). The Vice President for Finance and Development is directly responsible to the President and supervises University fiscal operations with a systemwide budget of \$460 million and investments of \$184 million. The management of these funds to further the education, research and service missions of the University is of primary concern to this Vice President. Other major responsibilities include physical planning, support services and operations, investments and cash management, business administration, legal department and University fund-raising efforts. The Vice President serves with other University Vice Presidents as a corporate officer to advise the President regarding a broad range of issues.

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well-preserved park areas, lying north, south, east and west of the city center.

Today we may not be as aware of what a cultural and political role in our country's early life that Philadelphia played. It borrowed its fashions and political ideas from the old world of Europe and spread them abroad in our land because it was a large government center through which our nation's people passed. New York and Washington, D.C., now tend to outshine Philadelphia as an important cultural city, but the many fine schools and museums and the special historical sites, all carefully nurtured or preserved, are strong evidence that the people of Philadelphia are proud that their country's roots are in their city.

Since coming to the University of Minnesota, we have acted as representatives of the University to alumni and national organizations in many cities around the country. It has been a great privilege for us. Further, we have thus been able to continue our education as well, and we are truly grateful.

Researchers receive conservation award

Two University of Minnesota researchers, selected to receive a 1976 American Motors Conservation Award this past spring, were presented with the award in late November at the University.

Dr. Gary Duke, a professor of physiology, and Dr. Pat Redig, veterinarian, each received a citation, plaque and honorarium in recognition of their work in the care of sick and injured birds of prey.

The award, presented at the College of Veterinary Medicine's annual awards ceremony, cites them for "opening new paths of understanding in physiology and surgical technique in caring for birds" and "encouraging others to increase efforts toward conservation of this often-maligned group of birds, many of which are on the endangered species list."

The awards have been presented annually since 1954 to professional and nonprofessional conservationists "for dedicated efforts in the field of renewable natural resources."

Pediatricians realize March of Dimes grants

In the subtle chemical balances of the body, too much of some vital substance can be as damaging as too little. Prevention of such damage is the goal of two University of Minnesota pediatric researchers supported by National Foundation-March of Dimes grants totalling \$70,000.

Dr. Robert Desnick, associate professor of pediatrics, genetics and cell biology, is exploring treatments for inherited metabolic conditions such as Fabry and Gaucher diseases. In these disorders, normal metabolic products accumulate to toxic levels in patients' cells which lack the enzyme to break them down. Many storage diseases can cause brain damage, severe disabilities and death.

"In many cases," Desnick explained, "the missing enzyme is known and could potentially be supplied to dispose of the stored material. But to get the enzyme to the right place (the lysosomes, tiny enzyme containers within cells) in sufficient quantity is by no means simple, because enzymes are easily broken down in the bloodstream."

Desnick is investigating methods of isolating and purifying the enzymes, ways to administer them by injection or transplantation of enzyme-producing cells, and possible side-effects from the patient's immune system which could be triggered by foreign enzymes.

Dr. David M. Brown, professor of pediatrics and laboratory medicine and pathology, is trying to discover why oxygen therapy at high concentrations is poisonous to newborn infants. Oxygen therapy which has saved so many lives, has also caused blindness, brain and lung damage in some newborns.

"One key question," Brown said, "is how the fetus, which adapts to a relatively low oxygen level in the womb, makes the transition to breathing outside air at birth. What happens to the chemistry of its cells?"

Working with laboratory animals and cell samples from human infants, Brown is assessing oxygen's role as it is taken up and used by the cells. Several substances that can slow oxygen-related chemical reactions in living tissues are being tested for potential in preventing oxygen toxicity, and fetal cells are being compared to adult cells to learn why the former are more vulnerable.

In time, Brown said he believes his research will make it safer for doctors to aid newborns with serious breathing problems by giving them only as much oxygen as their cells can safely use, and inactivating excess oxygen and its harmful by-products with natural antioxidants such as vitamin E, some enzymes or serum factors.



FIRST JOINT FUNDRAISER HELD

November 10 the University's Men's and Women's Athletic departments hosted the Fourth Annual Williams Fund and Patty Berg Fund Wine and Cheese Festival . . . with the women participating in the event for the first time. The festival enticed a biggest-ever crowd of 700 out to North Central Airlines dining room on a rather bone-chilling evening to sample 40 different wines and nibble on cheeses and other assorted goodies. Above, taking time out from their celebrity wine-pouring duties, are University president, Dr. C. Peter Magrath, left; Director of Men's Athletics, Paul Giel; Mrs. Sandra Magrath; and Dr. Vivian Barfield, recently appointed Director of Women's Athletics.

U vs NCAA Update

As this issue of the Minnesota Alumni News goes to press, the NCAA had appealed the ruling by U.S. District Judge Edward Devitt who issued a temporary injunction lifting the NCAA-imposed probation levied this fall against the entire University of Minnesota Men's Athletic program.

Judge Devitt's injunction will stand until a hearing takes place in the Eighth District Court of Appeals in St. Louis on the NCAA's appeal. A hearing date has yet to be set, and the University attorney reportedly does not anticipate oral arguments on the matter before March.

Federal judge issues temporary injunction against NCAA's indefinite probation on U of M

University of Minnesota president C. Peter Magrath said December 2 that he was "obviously very pleased" with the temporary injunction against the National Collegiate Athletic Association's (NCAA) imposition of indefinite probation on all men's sports teams at the University.

U.S. District Court Judge Edward J. Devitt issued the temporary injunction against the penalty the NCAA imposed after the University refused to declare basketball players David Winey, Phil Saunders and Michael Thompson ineligible.

The players were found to be eligible to play by the University Assembly Committee on Intercollegiate Athletics (ACIA) after the NCAA imposed a two-year suspension on the Gopher basketball program last January.

At that time, the NCAA said the University could hold hearings for the players, and Hennepin County Judge A. Paul Lommen issued an injunction against the University for declaring Michael Thompson ineligible before due process hearings were held.

In his ruling Thursday, Judge Devitt said, "The opportunity to participate in intercollegiate basketball at the University of Minnesota is a property right entitled to due process guarantees because it may, albeit only in exceptional circumstances, lead to a very remunerative career in professional basketball, and, because in all cases, it is an important part of the student-athlete's educational experience."

"Minnesota was therefore required by law to afford the athletes a hearing before passing

on their eligibility. It was also directed by Judge A. Paul Lommen and authorized by the NCAA to do so and it did. Minnesota and NCAA are bound by the findings," the ruling stated.

"When the NCAA imposed indefinite probation on Minnesota's athletic teams because of Minnesota's refusal to declare Saunders, Thompson and Winey ineligible, it transgressed upon Minnesota's legal duty to afford due process hearings to the athletes and to abide by the results," Judge Devitt said.

Magrath said the University has proven that the case is a "genuine legal issue." If the NCAA does not appeal, the case will go to a trial on the merits.

"I feel very, very strongly that there is a fundamental issue of due process and fair play involved," Magrath said. "The preliminary injunction sets the groundwork for a trial on the merits of the case."

Magrath said the decision lifts the NCAA ruling against 10 of the University's 11 intercollegiate men's sports. "As I pointed out earlier, we do not challenge the probation against the basketball program," he said.

The University's decision to challenge the NCAA may be a plus in recruiting, Magrath said, because it shows, "that the University sticks by due process in its relationship with students."

"I would hope that somehow the message would get out that the University of Minnesota not only is interested in having competitive athletic teams in the men's area and in the women's area, but that the University of Min-

nesota is deeply concerned about the fair treatment of students as students — whether they're basketball players or football players or don't participate in intercollegiate athletics at all," Magrath said.

In his ruling, Judge Devitt said NCAA has a monopoly over major intercollegiate athletic programs because of its control of championship events and exclusive television contracts and its authority to exclude institutions from those events and telecasts.

He said, however, that the NCAA had a legitimate concern that permitting each institution to make decisions about an athlete's eligibility would frustrate the uniform application of its rules.

"Even if there is some base for the NCAA's fear of 'home town' decisions by local institutional hearings, then the remedy well may be to amend its rules and procedures to provide for prior due process hearings by independent hearing officers or boards," the ruling stated.

Magrath said the University has taken steps to see that NCAA rule violations, such as those that occurred in the basketball program, do not happen in the future.

"We have instituted a whole set of procedures to guarantee, as much as we can guarantee, that these things won't happen again," he said.

Paul Giel, director of men's intercollegiate athletics, said he had the football coaching staff sit down with University attorneys to discuss the rules before they began their recruiting effort.

Vernon Anderson honored by University of Colorado

In 1942 Vernon E. Anderson '30BSEd '36MA received his PhD in education from the University of Colorado-Boulder. This October, nearly 25 years later, Anderson received that university's highest award — its Outstanding Alumnus Award, from the College of Education.

Anderson was so honored because of his nearly quarter-of-a-century of "contributions to education and also (for his) outstanding contributions outside the field of education."

A native Minnesotan, he was a high school teacher and principal in Minnesota for seven years and dean of the Worthington (Mn) Junior College for three years before becoming state director of curriculum in Washington and then in Oregon.

In 1946 he was appointed director of the Curriculum Center at the University of Connecticut where he would also teach. Nine years later he joined the staff of the University of Maryland where he served as dean of the College of Education, from 1955-1970, and a professor of education, from 1970-1973.

Upon Anderson's retirement in 1973, the College of Education at the University of Maryland, along with the Education Alumni chapter of the University of Maryland Alumni Association-International, began a lecture series, "The Vernon E. Anderson Lecture," that is given annually in his honor.

Anderson has authored a standard textbook on curriculum development and is widely known as a teacher, writer and consultant on the subject of school curriculum. He has been the recipient of many honors, including an honorary doctor's degree from Susquehanna University.

Since his retirement Anderson has taught part-time at the U.S. International University in San Diego, and continues a busy schedule of consulting and writing.

Smokey Joe lights a fire

COACH JOE SALEM, left, discusses football play sequence with quarterback Herb Daniel. As a collegian, Salem quarterbacked the Minnesota Gophers.

By Vic Roych '68BAJourn

Two years ago, Joe Salem had a decision to make. He was a successful coach at small college football powerhouse South Dakota. Named District 6 Coach of the Year in 1972, he had won 29 of his last 37 games. He had been offered the coaching job at Northern Arizona University (NAU), considered an athletic disaster area by most people familiar with it. Not only had Northern Arizona won just 17 football games in the last five seasons, but its entire athletic program was a weak third in the state to the programs at Arizona State University and the University of Arizona, and seldom competitive even in its own league, the Big Sky Conference.

For Salem, the decision was easy — to take the Northern Arizona job.

"Granted, we had built a program that was nationally ranked, but we didn't have any money or anything to operate with," the man who quarterbacked Minnesota to the 1960 national championship recalled in a recent interview on the Northern Arizona campus at Flagstaff, Arizona.

"The recruiting budget was so low that anyone who wanted to see the campus had to pay his own way. The facilities were bad. We felt we had taken the program as far as we could. We felt this was a sleeping giant."

When Salem says "we," he is not speaking in the royal sense. All five of his assistants came with him, though two have since left.

"I give all my staff quite a bit of leeway as far as handling their positions," Salem explained. "I think it's a situation they enjoy being in. They looked at the situation (at South Dakota), too, and of course the pay was a little better here."

What Salem and his staff perceived that most people missed was a change in the athletic atmosphere at NAU under a new athletic director and recruiting failures by the previous coaching staff. Salem immediately began taking advantage of the former and correcting the latter.

One of his first moves was to launch an aggressive in-state recruiting campaign. The previous coaching staff made only token efforts to attract Arizona players. "We came in here and worked hard on them," Salem said.

The new NAU staff set a goal of visiting every high school in the state. They fell a little short, but they established contact with many coaches and administrators who had attended NAU. "They've helped us in many cases," Salem said.

Fourteen of Salem's first 19 signees were Arizonans. Arizona State signed five Arizonans in that period, Arizona one. This season's NAU roster contained 34 Arizonans, including 10 of the 11 defensive starters.

Recruiting expenses at NAU come from donations. "The previous staff would never do anything (to raise money)," Salem said. "The previous athletic director would never do anything."

Salem and his staff got involved in fundraising. He estimates about \$45-50,000 has been raised — money that is divided among all sports.

Salem next set about eliminating what he calls "3 to 5:15 players," those who attend practice, but never think about football the rest of the day. "Smokey Joe," as he was known in his playing days at Minnesota, ran a rough practice schedule during the 1975 season, complete with lots of screaming at the players, totally contrary to his easy-going nature.

The result was a freshmen-dominated team that met a predictable fate — nine straight losses after an opening-game win.

Not much improvement was expected this season. A preseason poll of Big Sky coaches had NAU picked last. But the Lumberjacks surprised everyone by starting the season with four straight wins.

NAU loses only eight seniors from the 1976 team, so next season the Lumberjacks may well be among the top small college teams in the country. "I think we're right on schedule," Salem said. "We've got good athletes now."

One big factor in the reversal of NAU's football fortunes has been the relationship Salem and his staff have built with the players.

"He's got this team convinced they're better than they are," said Jay Coleman, who covers NAU sports for the *Arizona Republic*. "The players all like him, they all respect him. He's a disciplinarian when he has to be, but he's their friend."

"The only thing I try to do is be fair to



them," Salem said. "Yet I realize that what might fit you might not fit the person next to you."

"Joe's a very fair guy," said Wylie Smith, NAU sports information director. "They (the players) know if they're the best at that position, they'll get to play."

The NAU coaching staff is young. Salem is 38 and his assistants range from 23 to 36. He said he has not consciously tried to put together a young staff, but his budget at South Dakota did not allow him to hire experienced coaches.

He relies heavily on other people when hiring assistants. "So far it's paid off," he said. His newest assistant, Chuck Heater, a former graduate assistant at Michigan, was hired on the advice of Michigan Coach Bo Schembechler, a man Salem has met once.

Salem has also been very careful about the type of athlete he recruits. He is not worrying about the other two state universities, but concentrating on getting players who can win at the Big Sky's level of competition. "In our program, we won't get the great ones, we'll get the ones just below. We're judged on a different level than the other two schools. I think if we do well, people will know about it."

He has concentrated on Arizona players despite the state's low reputation as a source of high school football talent. "I think it's pretty good high school football," he said. "They've got good athletes here with good speed, which you don't get in the north."

But he does seek out-of-state players when he feels it is necessary. Neighboring California is his favorite hunting ground. "There's so many people in California, you can't help but find good athletes nobody knows about," he said. He feels NAU can attract Californians who want to go away to college, but not too far. (Flagstaff is about 500 miles from Los Angeles.)

Not adverse to a joke at his own expense, he recalled, "The first time we went there, we spent three days finding where the freeway was."

He has not sought junior college transfers because his midwestern coaching background tells him "you build a program with high school players."

The most important thing Salem looks for in an athlete is a desire to get an education.

"We try to stress that (education) is why you go to school," he said. "When I went to school, it was just to play football. I got a degree, but I don't think I would have if it hadn't been for football."

"Everyone's got visions of playing pro ball, doing this, doing that. But their chances are about one percent. When your college days are done, you've got to have something to fall back on."

"The players we've got here are serious off the field. I don't have to chase them around asking if they're going to class. Then when they get on the field, they're serious, too."

Salem charges his assistants with keeping track of the academic progress of the players under their tutelage. "We've found that if we call a professor early in the semester and ask how someone's doing, s/he knows we're interested, and if the student starts going bad, s/he ends up helping us."

Last year, Salem's freshmen recruits had a composite 2.7 grade point average on a 4.0 scale.

On one wall of Salem's plain, tiled office sits a plaque commemorating his receipt of a Williams Scholarship. He seldom returns to Minnesota (he received his BS in education in 1960), but his time there, as a player and later as an assistant football coach, left a deep imprint on him.

"I think everything I do is related to my experiences at Minnesota," he said. "Murray Warmath really had a great influence on my life. He was to me a tremendous coach. Most of the things I know today are what he taught me as a player and then as an assistant for five years. The background I got for this game was phenomenal."

"When I worked for him, there were some things I disagreed with. Yet when I went out as a head coach and found myself in the same situations, I did what I thought was the right way and it turned out to be wrong. Then I did it his way and it worked."

"Somewhere inside me, there's him looking over me, so to speak."

Of course, Salem does not do things exactly as Warmath did. Salem does not try to maintain as complete personal control of all aspects of the football program and deals with his players differently.

Salem believes the day of what he calls the "army-type" coach, the hard-nosed disciplinarian, is over. "The disciplined team still wins, but the players are different. As a coach, you have to adjust to these things."

Small college coaching seems to agree with Salem. Interviewed a few days after his team lost its first game of the season, he seemed completely relaxed, rocking back and forth in his chair and chuckling frequently.

"I'm basically a happy-go-lucky guy," he said. "Mentally, it's hard to keep me down. We lost the game last week. I walked in (to the locker room), said, 'Well, we had an opportunity to win and didn't. Let's do it next week.' I haven't thought much about it since."

He is already looking forward to next season, when NAU will play its home games in a domed stadium. He believes playing indoors is a big advantage for a school like NAU.

In Big Sky cities, places like Flagstaff, Boise, Idaho, Missoula, Montana, 10,000 people is a large crowd. That kind of crowd is lost in an outdoor stadium, Salem said. In-



WATCHING ACTION, Salem, to the right of assistant with the headset, saw his NAU team beat Montana, 23-21, in Missoula. The Big Sky win was the first ever for NAU in Montana and the first for Salem.

doors, however, the noise and atmosphere is heightened, providing a "home court" advantage as in basketball.

Salem has no dreams of major college glory. "As long as we can have success, as long as we can have a goal and work toward it, I'm happy," he said.

He, his wife, Sue, and their four sons enjoy the small-town ambience of Flagstaff, which has a population of around 30,000.

"At this point, I don't care if I ever leave here. There's a lot of worse jobs, let's put it that way."

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Student leader

Barbara-Ann March, Law School Sophomore, chairs University Senate and Twin Cities Student Assembly

By Wilma Smith Leland '25BA

She speaks with authority, but without raising her voice. There is dignity in her poise, but there is nothing stuffy about her attitude.

She is a sophomore in the University of Minnesota Law School.

She is Barbara-Ann March, vice chairperson of the University Senate as well as of the Twin Cities Student Assembly.

Barbara-Ann explains what these two campus bodies are:

"The University Senate is made up of representatives from all of the University of Minnesota campuses in the state. Two-thirds of its members belong to the administrations and faculties, while one-third are students. All of the members serve one-year terms.

"The Twin Cities Student Assembly consists of administrators, faculty and students from the Minneapolis and St. Paul campuses," she said. "President Magrath is chairperson of both bodies. If he is away or cannot preside, then, as vice chairperson, I do," she said.

Barbara-Ann was elected chairperson last April. Supported by faculty members as well as students, she won the election over her opponent, George L. Shapiro, professor of speech communications.

She is the first woman to hold the position.

She further explained that the Senate is a legislative body, while the Twin Cities Student Assembly provides a forum for policy discussion.

Three years ago the Twin Cities Student Assembly replaced the Minnesota Student Association. Now there is another new student government organization forming on the Twin Cities campus — the All-Student Council whose representatives will be elected from dormitories and Greekletter organizations, as well as at large. Its members will explore and discuss student services and scheduled activities.

She sees her role as aiding communication

Barbara-Ann feels that she will facilitate communications among students, the faculty and the administration in her work with the Senate and the Assembly.

"No one seems sure what the other stands for," she said. "This results in disagreements and misunderstanding. For instance, when legislative requests come up, the students believe that higher salaries for faculty members can only result in higher tuition. Yet they want quality in the faculty. The faculty, too, are concerned about higher tuition, but both sides are hurt from such misunderstanding."

Do you think the Minnesota Daily is helpful in communications?

"The Daily always has its point of view, but it is more objective now than it has been. Some students agree and some disagree with every point of view," Barbara-Ann said. "The faculty has its own publications, too, you know."

With the number of campuses represented in the Senate, how often can it meet?

"At least once a quarter, but we do have telephone hook-ups for meetings if we need them," Barbara-Ann said.

"And our committee meetings are often and many. I am chairperson of the Budget committee and an ex officio member of the Consultative committee. This latter group acts as a steering committee for the Senate. It meets once a month with President Magrath.

"This committee enhances student and faculty feedback," he said. "The group reviews actions and issues, trying to spot trouble before it occurs and also recommends policies.

"I am not a voting member now. I was when I was a junior. I was on the Search committee, a subcommittee of the Consultative committee, when we were looking for a new University president."

What are some of the issues being discussed by Senate members?

"Student representation on the Board of Regents is one," Barbara-Ann said. "The number of student representatives was cut from 12 to 10. There are now only four representatives, instead of six, from the Twin Cities campuses, two from Duluth, two from Morris and one each from Crookston and Waseca.

"Union representation of the faculty is another current issue. The students don't want

the faculty to unionize because they are afraid they will be shut out of discussions. And the faculty have not yet agreed on which union is to represent them.

"The Student Bill of Rights is a dormant issue, but it might come up again," she noted.

"The question of what is to happen to University College will come before the Senate very soon."

A new kind of student activism is seen

Barbara-Ann is not sure that students are as apathetic as some observers see them.

"I don't think students have abandoned activism. I think they have found new ways to meet issues. They are involved in political parties and they are interested in student government," she said.

But do they vote in student government elections?

"That is a problem. The students don't perceive the importance of electing qualified people who will set policies that are continued long after they leave the campus. The responsibilities go on.

"Part of the problem of so-called apathy comes from the fact that we have an urban university — students have so many interests and contacts beyond the campus," Barbara-Ann said. "But student government has proved to me that there can be no generalization about students."

In a Daily interview you commented on student dress.

"Yes. I think if students want to be heard, to have administrators and faculty listen, they must improve their image. That means dress, in part. Brilliant ideas are often not heard because the listener is turned off by the speaker's appearance.

"I don't mean that individualism should not be maintained, but I think students must be willing to compromise, to give up something to gain more. They used to feel defeated if they compromised. That isn't true today."

Barbara-Ann's student government service goes back to her freshman year when she was elected a member of the College of Liberal Arts (CLA) Council. As a CLA senior in 1971-73 she was the student representative to the University Senate, the University Student Senate, the Twin Cities Campus Assembly (TCCSA) and the Minnesota Student Association Forum. She was a member and chairperson of the latter's Small Grants committee. She served on the University Senate Appeals committee on Academic Freedom and Responsibility from 1971-74 and in 1972 was on the TCCSA committee to select student candidates for Regents' committees. She has also been a member of the University Board of Control of Student Publications.

Moving from liberal arts to education, she was elected senator from the College of Education in 1973-74. The following academic year she was the Student Regent from the Twin Cities campus, serving on the Board of Regents' Faculty, Staffing and Public Relations committee.

In 1974 she was on the advisory subcommittee for the search of an administrative vice president. In 1975 she was the only student on the search committee for a new basketball coach.

In addition to her current chairperson activities, she serves as a member of the board of the Minnesota Student Association Housing Corporation.

There are yet other sides to Barbara-Ann. She was her pledge class president in 1970 when Alpha Omicron Pi pledged her. Since she has been a Panhellenic Rush counselor, a representative to the University Greek coordinating committee and won both the Alpha Omicron Pi pledge and senior awards given by Tau chapter.

Barbara-Ann has been awarded scholarships twice by the Minnesota Higher Education Coordinating Commission and received the Alpha Omicron Pi National Diamond Jubilee Foundation graduate fellowship in 1974.

A member of Chimes and Mortar Board, in 1975 and again in 1976, she received Minnesota Student Leadership and Service awards.

All of her honors and all of her service would not have been so remarkable if it were



Student leader Barbara-Ann March

not the fact that she also worked off campus in a variety of jobs, doing general office work and as a sales clerk and inventory poster. On campus she has been employed as an undergraduate research assistant and now is a law clerk in the University Attorney's office and a clerk in the Office of the Vice President for Finance, working on endowment funds.

Law career reflects her broad interests

When asked what kind of law she might specialize in Barbara-Ann said that she was "interested in trying to help the lay person understand the law so s/he does not fear it.

"I've had some experience in corporate law. My father is an invalid and I have been working as his proxy in the family business. We liquidated one company and we have sold property. I find that interesting," she said.

Politics?

"Not yet. I'm learning a great deal about government through the University Attorney's office whose staff advises the University administration. There are many legal questions involved in the federal aid given to the University.

"The variety of issues with which the office deals gives the law student excellent opportunities," Barbara-Ann exclaimed.

Record enrollment greets new Ag dean

"We expected more students, but when 1,930 registered it was a bit of a surprise."

That's how James (Jim) Tammen, new dean of the University of Minnesota's College of Agriculture, describes this fall's record high enrollment.

Enrollment in the University's agricultural curriculums has been increasing every year since 1970, when about 1,054 students registered. The 1975 fall quarter figure was 1,780.

"More young people continue to be turned on by the many opportunities in world food production," says Dean Tammen, who came to Minnesota July 1 from Penn State, where he was head of the department of plant pathology.

Ecology and environmental interests also motivate students to major in agriculture, he added. "Students with a real interest in the environment want to learn how plants and animals fit into the picture."

More agricultural college graduates are going into farming in recent years. About 20 percent of the Minnesota College of Agriculture grads returned to farming last year.

Off-farm employment opportunities for agricultural graduates are good — so good that about 60 percent of the students enrolled in agriculture come from non-farm, urban areas.

"All majors in agricultural production have good opportunities at present," he said. Majors with good job placement records include animal science, agronomy, soils, agricultural economics, horticulture, plant pathology, food science and nutrition, agricultural engineering and agricultural journalism.

Agricultural education graduates presently enjoy tremendous job prospects. "We can't turn out enough graduates to meet the demand for high school agriculture teaching positions," Tammen says.

The new dean says that international ag-



Jim Tammen

ricultural training programs will receive increased emphasis in the future. "It's in the best interests of every Minnesotan to develop a strong commitment to international agriculture," he emphasizes. "Our welfare will be increasingly related to the welfare of the rest of the world."

The University is presently conducting agricultural development programs in Morocco and Tunisia, and these programs may expand. "It's very important that we give the people in these countries long-term assistance. We can't zip in one year and leave the next.

"Ideally, when our agricultural specialists leave a country, they should leave enough well trained native people behind to keep development programs going. Progress must be made within the prevailing cultural and economic conditions in each country. We aren't trying to inflict our values on others," he adds.

Every Woman is a Winner

By Dru Hancock

The coaching ranks of collegiate sports are filled with former athletes — individuals who have passed from participating in the game to teaching others how to play it. Few coaches continue to compete in athletics at a serious level.

But three members of the Women's Intercollegiate Athletic coaching staff spend their off-seasons as players. While these individuals compete for enjoyment, they also strongly suggest that their athletic experiences enhance their coaching abilities.

University of Minnesota's head volleyball coach Rosie Wegrich plays professionally with the San Diego Breakers in the International Volleyball Association. Wegrich's squad won the playoffs over the Los Angeles Stars and she was selected to the All-Pro Team for her play over the past summer season.

Because of ideal weather conditions volleyball is a popular sport on the West Coast. Wegrich said, "Thousands of people play beach volleyball 12 months a year. Accessibility seems to be the biggest problem in the growth of the game here."



Rosie Wegrich, head volleyball coach

However, Wegrich feels that volleyball will eventually become a great spectator sport in Minnesota. "I've seen substantial progress just in the past two years and I would expect the growth to continue," she said.

That playing enhances coaching is a theory Wegrich firmly believes. "Being a professional athlete in volleyball gives me a chance to work with the best coaches in the country, people who know an incredible amount about the game," Wegrich commented. In addition, having firsthand experience with the latest in techniques and strategies has proven valuable.

Softball coach Linda Wells spent most of



Linda Wells, head softball coach

Photos by Pam Smith



last summer as a catcher for the Chicago Ravens in the recently formed Women's Professional Softball League. After 120 regular season games her team qualified for the playoffs before bowing to the Connecticut Falcons. Connecticut went on to win the championship in four straight games.

Despite a rocky start, Wells feels that the chances for the professional softball's survival are excellent. Four additional franchises have been formed for the 1977 season.

Wells hopes to use her own playing experience in coaching the University of Minnesota's team during spring quarter. "As far as learning is concerned I don't think there is any doubt about the value of playing the sport you coach. I had the opportunity to compete with the very best players in the country on a day-to-day basis," Wells said.

Another member of the Ravens, Donna Lopiano, is considered by many to rank only behind Joan Joyce as the top female pitcher in the U.S. Wells commented, "Being able to work with Donna, I learned a considerable amount, which I hope to convey to the pitchers I coach."

The third player-coach on the Minnesota staff is head basketball and assistant softball coach Jenny Johnson. Johnson's summer softball team won the U.S. Slowpitch World Tournament in August, and she was voted the most valuable player in that competition. Bating an outstanding .556 average during the World Tournament, Johnson was also selected to the All-World Team by tournament officials.



Jenny Johnson, head basketball and assistant softball coach

Johnson's main enjoyment in competing is the opportunity to "receive coaching rather than give." After serving as mentor for nine months, she appreciates the experience of learning from a player's perspective. "I feel that being a competitor helps me to empathize with what my players are feeling in intense competition," she explained.

The three coaches hope that having playing expertise will aid their respective teams this year. The volleyball team has become a regional power, while the softball and basketball squads will be vying for national honors in coming months.



Cathie carries on in award-winning way . . .

Twenty-year-old Cathie Twomey is carrying on — in award-winning fashion — a "running tradition" in her own family. For instance, there's brother Ed Twomey who holds the men's intercollegiate record for running 880 yards at Minnesota in 1969. And brother Bill, another runner who lettered at Minnesota. Plus a third brother who ran in high school.

And now it's Cathie's turn. The petite, junior physical education major began running while in high school in Golden Valley and continued running as a college freshman.

Says her track coach Mike Lawless: "Along with Cathie's obvious physical talent, she is highly competitive and motivated to win . . . and I think that's what put her on top."

And "top" is an impressive list of victories: In 1976 she captured first place in the "first" women's intercollegiate Big Ten cross country meet held in October at Michigan State University. Early this spring she won the mile and half mile in the "first" women's intercollegiate Big Ten track meet also held at Michigan State University.

In 1975 Cathie ran in the track and cross country events at the national collegiate level and placed sixth in 1500 meters (almost a mile). By the end of 1976's competitive events, she had placed sixth out of more than 220 college women runners in the national AIAW (Association of Intercollegiate Athletics for Women) Championships.

That's Cathie in competition above, at the left, in a first-place tie finish (an unusual occurrence in cross country competition) with Laura Clark of Golden Valley in the November 1976 Minnesota State Cross Country Meet, and Cathie again in the inset.

An Evening With The Professor

In cooperation with Continuing Education for Women, the Minnesota Alumni Association is offering four evenings with distinguished University professors. A six o'clock dinner at the Alumni Club on the 50th floor of the IDS Center in downtown Minneapolis will be followed by lectures.

January 27 — "When the World Came Unglued: History and Historiography of Our Own Age," Clarke A. Chambers, professor of history.

February 10 — "The Folklore About Folklore," Ellen Stekert, professor of English and director of the Center for Minnesota Folklife in the Minnesota Historical Society.

February 24 — "A Russian Looks at America," Anatoly S. Liberman, associate professor in the Scandinavian and German departments.

March 10 — "The Arms Race: A Little Matter of Survival," Barbara Stuhler, professor and associate dean, Continuing Education & Extension.

The cost of the four dinners and lectures is \$48.

Prompt registration is suggested as enrollment is limited. Make checks payable to the University of Minnesota and mail to Continuing Education for Women, 200 Westbrook Hall, 77 Pleasant Street S.E., Minneapolis, MN 55455. For further information, call 373-9743.

Please register me for Evening With The Professor. My check for \$_____ payable to the University of Minnesota is enclosed.

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University Theatre opens Rarig Portrait Gallery

More than 25 former University Theatre students who have achieved recognition in theater, films, television, radio and academic theater were honored in the University of Minnesota Theatre Portrait Gallery opening in late October in the Rarig Center on the Twin Cities campus.

Kenneth L. Graham, University Theatre director, cut the ribbon to the second floor "Hall of Fame" before an evening performance of "Jacques Brel is Alive and Well and Living in Paris" in the Stoll theater.

Locally and nationally known personalities

in the gallery include John Astin, Ray Christensen, Arlene Dahl, Jed H. Davis, John Clark Donahue, Stephanie Edwards, Keith M. Engar, Roger Erickson, Tovah Feldshuh, Larry Gates, Peter Michael Goetz, Peter Graves, Richard Halverson, Linda Kelsey, Nicholas Lewis, Kevin McCarthy, William R. McGraw, William McKereghan, Dave Moore, Jergen Nash, Michael P. Price, Archie Sarazin, Gale Sondergaard, Robert Vaughn, Carole Peterson Wendt and William C. Wendt.

Also included in the gallery will be past directors of the University Theatre: Ariel McNaughton, Lester Raines, Edward Staadt, A. Dale Riley, C. Lowell Lees and Frank M. Whiting.



Rob McClanahan, St. Paul, Minnesota



Eric Strobel, Rochester, Minnesota



Steve Christoff, Richfield, Minnesota

GOPHER TALES

By Dave Shama '68BAJourn

A punitive court decision could certainly spoil the fun, but otherwise the Gopher hockey and basketball teams figure they're going to enjoy themselves this winter.

When and what the courts will decide about the University athletic program is something which the hockey and basketball players say they aren't worrying about "because we have no control over it." Both seem content to take one day, or victory, at a time. Regardless of the court decision, the basketball team will not be eligible for post-season competition (the University having accepted that punishment for rules violations committed by past basketball programs). The basketball team will concentrate on winning the Big championship and enjoying the glory of a high national ranking.

University administrators have been unwilling to accept the NCAA's suggestion that it declare three basketball players ineligible as part of its punishment. Having refused to do so, the NCAA has put the entire men's athletic department on probation and declared all teams ineligible for post season play. Thus, the University has gone to court to defend itself and the players.

That's not good news for the hockey team which has won two national championships in the last three years. Hockey coach Herb Brooks is philosophical. "We can't let this thing bother us now," he says. "We haven't been told by the court that we can't play." But Brooks conceded, "If we lose the court decision, there are going to be a lot of candid remarks made."

Brooks, an admitted worrier, is always anxious about his team. "When I don't feel the anxiety of coaching, I'll know it's time to get

out," the 39-year-old Minnesota native says. "It's funny but I'm more caught up in my job now than ever before. My wife Patti says I'm a workaholic. But she was also the first one to tell me hockey is where I belong when I'd talk about giving up coaching."

He has coached five teams at the University but the 1976-77 Gophers are his youngest. Ten of his top 27 are freshmen and sophomores. Brooks says the potential is present for another outstanding team, but that the Gophers may not assert themselves until the last weeks of the season. "We need experience and hope to be ready for the playoffs," he adds.

Much of the excitement which Gopher fans share with Brooks concerns freshmen players Rob McClanahan of Mounds View, Steve Christoff of Richfield and Eric Strobel of Rochester Mayo. Most college scouts thought they were the best three high school prospects in the state last winter. And, in addition to the above mentioned trio, Brooks recruited other players that other WCHA teams would love to have.

The freshmen figure to blend in with some outstanding returnees to form a challenger for the NCAA championship. Defenseman Reed Larson is ready for the pros right now, but decided to play at least one more year at Minnesota. He has an extremely hard shot and Gopher fans think of him as the most exciting player in college hockey.

Captain Joe Micheletti, also a defenseman, is a steady player who seldom makes a mistake. Forward Tom Vannelli led the team in scoring last season with 69 points and will again be expected to provide a lot of offense.

Forward Phil Verchota, 6-foot-2, 205-pounds, provides power and hard skating.

Goalie Jeff Tscherne had the lowest goals allowed average among regular WCHA goalies last season.

Brooks thinks Wisconsin should be favored for the WCHA title. He rates his own team with challengers such as North Dakota, Notre Dame, Michigan and Michigan Tech.

While Brooks is concentrating on two seasons, the regular season and the playoffs, basketball Coach Jim Dutcher has to be satisfied to think only about the regular season and the Big Ten championship. The Big Ten title, of course, is no small prize and Dutcher thinks it could well be in reach if the courts allow Mike Thompson, Dave Winey and Phil Saunders to play.

"We're counting on having them around," Dutcher says. "We have an excellent case built on strong legal arguments. These players haven't violated any rules."

Thompson is the type of player who could start for any team in the country. Dutcher thinks Thompson "had an All-American type season" last year as a sophomore when he averaged nearly 26 points per game.

Thompson's matchup with Indiana's Kent Benson should be one of the highlights of the Gopher season. Benson plays as hard as any center in recent memory, but Thompson may have the better skills.

Guard Ray Williams is another Gopher with superb talent. He is a playground-type player and is outstanding with the basketball, passing, dribbling and shooting. Dutcher would like to see Williams become a better defensive player and not force the one-on-one style when the opportunity isn't present.

No Gopher improved more toward the end



Kevin McHale, Hibbing, Minnesota
1976 Pillsbury Classic's
Most Valuable player

of last season than Winey. "Before the season started I had my doubts as to whether Dave was a Big Ten player," Dutcher recalls. "Now Dave will be one of the better forwards in the league and he's definitely a pro prospect."

Last season the Gophers finished their season with a home court win over Michigan (NCAA runnerup to Indiana). The lineup which started the game, Thompson, Williams, Winey, Saunders and Osborne Lockhart, could well be the same players the fans see during the early season, according to Dutcher.

He had hoped to find a quick forward to start in the front court with Thompson and Winey. But Dutcher still isn't certain he has that kind of player and so Williams, a true guard, may stay at forward with Saunders and Lockhart at the guards.

That unit is effective on the fast break, but has some defensive problems because of a lack of quickness and size. "Our defensive problems tend to be concentrated in our guards and we'll face that problem no matter what our line up," Dutcher observes.

Williams could play guard, and either Saunders or Lockhart would be the other guard, if Dutcher decides he wants to start freshman Kevin McHale at forward. That would give the Gophers a starting front line of Thompson, 6-foot-10, Winey, 6-foot-10 and McHale, 6-foot-9.

McHale, a freshman from Hibbing, Minnesota, has more potential than former Gopher Mark Olberding, according to Dutcher. "Kevin is quick for his size and really has all the skills to be outstanding," Dutcher says.

Dutcher thinks the Gophers will be better than last year's 16-10 team because there will be more reserve strength. Depth, plus hoped for improvement from last year's returning starters, has caused several national basketball publications to rate the Gophers among the nation's top 30 teams and as a contender for the conference title along with Michigan, Indiana and Purdue.

Dutcher hopes the publications are right. A high national ranking and a conference championship are what his season is all about.

Especially for Minnesota Alumni Club members . . .



The President's Seminar

Plan to attend the third in the 1976-77 President's Seminar Series on Thursday, February 3, in the Regents' Dining Room of the Minnesota Alumni Club. Come and meet the University's new Director of Women's Intercollegiate Athletics, Dr. Vivian Barfield. She will speak on "The Minnesota Plan: Women in the Winner's Circle" and introduce five members of her coaching staff.

Attending this Seminar with Dr. Barfield will be Jean Freeman, swimming coach; Jenny Johnson, basketball coach; Mike Lawless, cross country and track coach; Ellie Peden, tennis coach; and Rosie Wegrich, volleyball coach.

This President's Seminar brings to Alumni Club members and their guests a timely discussion of how the University of Minnesota is responding to Title IX requirements for equal opportunities for women and men athletes.

Other Winter Events . . .

January 29, Old Fashioned Seashore Buffet of iced salads, old fashioned chowders, Pacific chioppino, oysters, clams, seafood salads, baked and grilled fish and seafood specialties of both coasts. (Four entrees also served from regular menu.)

February 19, San Francisco Night, the most popular buffet evening in 1976 will be repeated, with the staff attempting to outdo the variety of ethnic foods from the Great Bay area served last year. (Four entrees also served from the regular menu.)

March 12, Gala Night, your Club's Third Anniversary Dinner Dance, featuring a five-course dinner with appropriate wines. Wear your fancies. Reservations requested.

Contact the Club Manager, Bill Swain, at 376-3667 to obtain reservations for or more information on the special Minnesota Alumni Club events cited above.

constituent and chapter news

Pharmacy alumni set Theater Dinner

The Annual College of Pharmacy Alumni Theater Dinner Party will be held on Sunday, January 23, beginning with a social hour at 5:15 p.m. A 6:15 p.m. dinner and the play will follow at the Old Log Theater in Excelsior, Minnesota.

The play presentation is "Relatively Speaking," a comedy that has been a smash hit at the Old Log and held over into January. Critics have said that it is one of the funniest plays presented at the theater in the past five years.

Tickets for the event, at \$12 each for alumni and their guests, and \$10 each for students, are available through the College of Pharmacy Alumni Association, University of Minnesota, 2610 University Avenue, Saint Paul, Minnesota 55114, telephone (612) 373-2466.

Auto dealer Schoon heads Rochester

Warren E. Schoon '43BA, Rochester, Minnesota, is the new president of the Rochester alumni chapter of the Minnesota Alumni Association.

Schoon, who is a member of Phi Delta Theta and Phi Beta Kappa fraternities, heads General Motors auto dealerships in Luverne and Worthington, Minnesota, and recently sold a third he had held in Rochester.



Warren Schoon

The son of two pioneers in the automobile retailing in the state, Schoon began his business career after WWII and stateside service in the U.S. Navy, as district manager of the Buick Motor division of General Motors in the Twin Cities. He then became a partner in two auto dealerships and owner of a dealership before returning to General Motors in 1957 to serve in a variety of executive positions, including advertising manager of the Pontiac Motor division and head of Pontiac's New York office.

He came back to Minnesota in 1960 and eventually acquired the three dealerships mentioned above.

Professionally, Schoon has been a member of the General Motors Dealer Council at zone and regional levels and director of the Minnesota-Iowa Pontiac Dealers Advertising Association.

In the community, the 55-year-old alumni leader has served two terms as mayor of Luverne, and as chairman of Luverne's planning commission and president of its Chamber of Commerce. He has also been a trustee and elder in the First Presbyterian Church and chairman of the Rock County Republican Party.

Serving with him as Alumni Chapter officers are vice president Thomas W. Elkins '67JD, treasurer Ms. Marian Block '54BSPT and secretary Mrs. Laura M. Donney '45BSNur, all of Rochester. John Geist is immediate past president of the chapter.

Boston chapter names 1976-77 officers

Mrs. Doris Bjorklund '46BArch, Lexington, Massachusetts, has been serving as president of the University of Minnesota Alumni Association's Boston chapter since late May. Vice president of the group is Clark E. Johnson '50BSIT, Weston; secretary is Arnold Lepisto, Natick; and treasurer, Dr. Carlton B. Lehmkuhl '63PhD, Marblehead.

Instate alumni chapters name new officers

Six University of Minnesota Alumni Association chapters in the state recently named new officers and directors who will have charge of chapter activities during 1976-77.

Fargo-Moorhead

David I. Carlson '46BA, Moorhead, is president of the Fargo-Moorhead Alumni group. Serving with him are vice president Dave L. Hummi '59BBA, Fargo, and secretary-treasurer Graham Goeson '58BBA, Moorhead. Board members include Dr. Patricia Murphy '69PhD, William Dosland '54LLB, David Koentopf '66BBA, Jeanne A. Berglund '49BSNur and Howard Vegoe '58BBA.

New Ulm

Dave Vosbeck '69BA, Sleepy Eye, heads the New Ulm Alumni chapter. Emmett Erpelding '63BBA, New Ulm, is his vice president, and Dave's wife, Mardelle, is secretary-treasurer. Serving on the board of directors are Fran Powell, New Ulm; Dr. Robert Belling, Jr. '67DDS, Springfield; Charles Peterson, Springfield; Dan Giselson '69LLB, New Ulm; Larry Baumgardt '74MA, Sleepy Eye; and Curtis Krieg '70DVM, Springfield.

Roseau

Art E. Brandli '67BEE '72MBA, Warroad, has served as president of the Roseau chapter since March. Judy Moren '69BSEd, Roseau, is secretary-treasurer. Art Boese '69BSAg, Greenbush, is the immediate past president and serves on the board of directors with Roger Helgeson '62AMS.

St. Cloud

Thomas Williams '67AMS was named president of the St. Cloud Alumni chapter in late August. President-elect is Dr. Gary Cargill '69BS '71DDS and secretary-treasurer is Mrs. Robert Pauly '64BSPT. Dr. Robert B. Nemeth '71MS is past president of the chapter.

Wadena

Douglas H. Johnson '72JD became president of the Wadena chapter this past summer. Serving with him are secretary Margaret Sherman '47BSPhm and treasurer Bobbie Goetz '51BSPT. Members of the board of directors include Dr. Tim Schmitt '70MD, Larry Foley '64BSEd, Mrs. Doug DeLano, Mike Richardson '73AMS, Ed Parry '56BSEd of neighboring Sebeka and Mrs. Charles Olson from Verndale. Past president Carol Kilbane '70BA will move to Denver, Colorado, in January.

Waseca

Craig Peterson '69DDS, Waseca, has lead this alumni chapter since April 1976. Dennis Roesler '31BBA, New Richland, is his vice president, and Shirley Currie '73BA, secretary-treasurer. Members of the board include Carol Rutledge '65BA, Beverly West, Peter Fog '69BSFor, Mrs. Ralph Schenk '58BSEd, Joe Gabiou '39BSAg and past president Howard Sahlstrom '48BBA.

International Falls reorganizes

Michael Duepner '70BBA of Ranier is heading a committee of 16 who are reorganizing the International Falls Alumni chapter. Serving with him on the committee are Ellsworth Anderson '54BSPhm, Paul A. Anderson '64BSIT, James A. Cowgill '65BArch, Dr. Eric S. Ekman '74BS '76DDS, Franklyn T. Frederickson '31BSFor, Daniel D. Ganter '57BA, Russell D. Hanover '62BSPhm, Dr. Charles R. Helleloid '71BA '74MD, Stanley '34BSEd '38MA and Nancy '43BA Helleloid, Mrs. Joanne Kellner '64BBA, Charles J. Knoblauch '31BSFor, Steven A. Nelson '72JD, Ronald Tarro and Suzanne M. Trebneck '75BSPT, all of International Falls; and Ruth Breneman '38BBA and Richard Nachbar '67BCivE of Little Fork.



FIVE OF THE SIX University of Minnesota alumni and staff women who will model for the 1977 Minnesota Alumnae Club Scholarship Brunch on February 5 present a preview of fashions from Schlapp's. Pictured here, clockwise, are Judi Bergman Blomquist '72BA, Saint Paul, seated; Judith Perkins Kinkead '55BS, Saint Paul; Jan McKenzie '61BS, Bloomington; Elizabeth Petrangelo '69BA, Minneapolis, also director of the University News Service; and Nadine Jette, Edina, an assistant professor of physical education.

Alumnae Club sponsors February 5 Scholarship Brunch & Fashion Revue

The University of Minnesota Alumnae Club will hold its annual Scholarship Brunch & Fashion Revue on Saturday, February 5, in the Leamington Hotel's Hall of States, Minneapolis. An 11:00 a.m. social time will precede the 11:30 a.m. brunch.

Decorations and entertainment for the event will carry the Brussels-Munich-Rhine River Escapade motif of an upcoming Minnesota Alumni Association tour to these areas.

Fashions from the Minneapolis firm of Schlapp's will be modeled by alumnae and faculty during the Fashion Revue. These models include alumnae Judi Bergmann Blomquist '72BA, Saint Paul; Judith Perkins Kinkead '55BS, Saint Paul; Elizabeth Petrangelo '69BA, Minneapolis, who is also a member of the University of Minnesota staff as director of the News Service; Catherine Watson '67BA, Minneapolis; and Jan McKenzie '61BS, Minneapolis. Nadine Jette, Edina, an assistant professor of physical education at the University, is also representing the staff.

Part of the ticket cost for the Brunch, \$3.50, is tax deductible as a donation. Reservations for the event, at \$9.50 per person, can be made through the Minnesota Alumnae Club, 2610 University Avenue, Saint Paul, MN 55114, telephone (612) 373-2466. Reservations should be made by February 2.

Proceeds from the Scholarship Brunch & Fashion Revue are used for the Minnesota Alumnae Club Undergraduate Scholarship Fund which was established in 1953 to supplement the University's regular Freshman Scholarship program. Since its establishment, the Alumnae Club Fund has been awarding two or more full-tuition scholarships to freshman women from the Twin Cities area every year. Despite rising educational costs and a depressed economy, contributions to the Fund rose in 1971-75 and last year four \$675 scholarships were given.

The proceeds from this annual event are the primary source of Fund support, making it an important contribution to the alumnae effort to help meet the special financial needs among the increasing numbers of well-qualified women seeking a higher education.

Detroit Alumnae group continues strong University support

Mrs. Beverly Sorenson of Troy, Michigan, heads a continually enthusiastic group of women supporters of the University of Min-

Magraths meet with Minnesota alumni in Tokyo



In mid-1976 President and Mrs. Magrath meet with University of Minnesota alumni at the Imperial University Alumni Club at Kanda, Tokyo.

The international group was very enthusiastic about seeing the University of Minnesota president and his wife, all of them concurring with one of their number who said that they had been given a great honor that had never been granted during their stay in the Twin Cities, that is, to dine with the president of the University and his wife. An alumna who lives in Okayama, 500 miles from Tokyo, Akimi Oda, joined the dinner, as did another, Akiko Hamada, who teaches English in Nagoya 400 miles from Tokyo. Hamada welcomed the Magraths to Japan on behalf of alumnae in particular.

In his welcoming address, Tetsutaro Suzuki, representing the organizing committee, said, "Earlier this week, I happened to join my family watching a television. It was a scene of the international beauty contest which took place in Hong Kong recently. Girls from many countries showed up one after another before the audience. The girl who represented the United States introduced herself as coming from Minnesota. Although the crown went to the girl from Israel, this Minnesotan girl was charming and she reminded me of the pretty girl students I met on the campus many years ago."

"Yesterday, the Democratic National Convention in New York decided on Walter Mondale as Vice Presidential candidate. Senator Mondale is a graduate from the Law School of the University of Minnesota. Judging from his age, he must have been on the campus at the

time when I was there. In this way, I find myself in Minnesota connection.

"... This is a foremost occasion for welcoming Dr. and Mrs. Magrath, and I wish to extend a cordial welcome to them on their visit to Japan. (The Magraths were visiting Japan to participate in a conference on education in Asia held in Sapporo.)

"This is also an opportunity for the members of the alumni to renew friendship or make acquaintance. We share the common experience of studying at the University of Minnesota. Every one of us has more or less a feeling of attachment to the University and to the United States. As for myself, the memory of college life there is still vivid, although it was exactly a quarter of a century ago, when Hubert Humphrey was barely known nationally, and Walter Heller was only a young associate professor of public finance.

"Some of us were there only recently, of course. In any case, we are the same in coming from Minnesota as our second home, and we are of different ages, professions and interests. I think it is not only fun, but also profitable for us to get together a little bit more often, particularly when occasions arise," Suzuki said.

UNIVERSITY PRESIDENT Dr. C. Peter and Mrs. Magrath, fourth and fifth from the left seated in the front row, joined alumni and their guests for a special dinner in Tokyo, Japan this summer.

Paul Meehl named "Distinguished Scientist"

Paul E. Meehl '41BA (*summa cum laude*) '45PhD, University of Minnesota Regents' Professor of Psychology, recently received the "Distinguished Scientist Award" from Division 12 of the American Psychological Association. He was cited for his "contributions to development of clinical psychology as an experimental science." He is also a professor of health care psychology in the University's Medical School, a professor of philosophy, an adjunct professor of law and a professor in the Minnesota Center for Philosophy of Science.

Meehl, who was chairman of the University's Psychology department from 1951-57, has spent his entire academic career at the University of Minnesota. He served as acting chief clinical psychologist at the Minneapolis VA hospital from 1947-49 and has been a consultant in clinical psychology at the VA Hospital and Mental Hygiene Clinic at Fort Snelling since 1949. He has also been in private part-time practice as a psychotherapist since 1951.

A member of numerous professional and honorary societies, he received the American Psychological Association's Distinguished Scientific Contributor Award in 1958 and its clinical division's Distinguished Contributor Award in 1967. He has been a consultant to the National Institute of Mental Health since 1968.



THE THREE WINNERS of the Harold S. Diehl Award at the 1976 Medical Alumni Association's Annual Meeting admire their citations of achievement. The winners are, from the left, Dr. Leonard Lang '29MD, retired chief of staff and of the department of obstetrics and gynecology at St. Mary's Hospital, Minneapolis, and former chief of obstetrics and gynecology at Minneapolis General Hospital; Dr. Milton Hurwitz '40MD, an internist and cardiologist who is associate editor of *Geriatrics* magazine; and Dr. Russell Sather '33MD, who has served his home community as a physician for 40 years and has been an active leader in his local medical society. The awards were presented at an evening meeting on October 8 at the Radisson South Hotel in Bloomington, Minnesota.

Lost Alumni

The Minnesota Alumni Association would appreciate your help in locating the following alumni who are "lost". We would like to restore their membership benefits.

Where it has been possible, we have listed their date of graduation and degree, as well as the city and state or country of their last known address.

Please send information to the University of Minnesota Alumni News at 2610 University Avenue, Saint Paul, Minnesota 55114. Thank you for your help.

Donald S. Amatuzio '50MD, Minneapolis
Lillian S. Anderson '19BSHE, Newport, N.H.
D. O. Andreas '52BA, Miami Beach, Fla.
Dennis W. Angland '45MSEE, Minneapolis
Irving E. Baske '20BEE, St. Petersburg, Fla.
Myrtle K. Aydelotte '39BSNur, Stanford, Calif.
Earle H. Balch '15BA, Washington, D.C.
M. L. Ballard '63BS, Foster City, Calif.
Richard A. Bechtel '54MA, Munich, Germany
D. A. Berman '58BA, Minneapolis
Sheldon M. Bernick '62DDS, Broomall, Pa.
Loel H. Betts '27BSPhm, Tucson, Ariz.
Ross N. Boreson '52BBA, Los Angeles, Calif.
Patricia E. Boyle '66BA, San Francisco, Calif.
H. D. Brown, Jr. '60BSEd, San Diego, Calif.
Wesley R. Brown '35BSEd, Houston, Texas
Henry Horace Burry '39LLM, St. Louis Park, Minn.
Margaret A. Cargill '54BSEd, La Jolla, Calif.
M. C. Chernus '22BCivE, St. Louis, Mo.
Earl R. Crow '20MD, Richfield, Minn.
V. R. Cullen '23DDS, Decatur, Ill.
A. Dahlstrom '23BSEd, Minneapolis
Rollin J. Dennistoun '68BEE, Sunnyvale, Calif.
Antoni M. Diehl '47MD, Minneapolis



UNIVERSITY PRESIDENT C. Peter Magrath, right, congratulated alumnus Norbert R. Berg '57MA on his receipt of the University of Minnesota Outstanding Achievement Award. Berg, senior vice president of administration and personnel and assistant to the chief executive officer of Control Data Corporation, received the award at the October 27th banquet meeting of the 23rd Annual Institute of the College of Business Administration Alumni Association. His wife, Marilyn, who is at his left, also graduated from the University; she received a bachelor's degree in 1956.

nesota in the Detroit (Michigan) Alumnae Club.

In 1976 the group met for a special luncheon at the Golden Mushroom Restaurant, followed by a visit to Temple Emanuel in Oak Park where Rabbi Milton Rosenbaum was their host; participated in a "Show and Tell" program about members' hobbies and handwork, and held a silent auction to raise scholarship monies; heard a graphologist's presentation on handwriting; and saw a film about diamond mining in Venezuela and learned how to grade, cut and select a diamond.

During a special May Bicentennial program, the group heard a speaker talk about the history and different varieties of bells known throughout the world, as well as saw an impressive private collection.

Earlier in the year Mrs. A. L. Malmstrom and Mrs. John Avedissian were named "Honorary Lifetime Members" of the group.

Serving with Mrs. Sorenson as officers are Mrs. Marion Costello, Bloomfield Hills, first vice president; Mrs. Helen Schwieder, Bloomfield Hills, second vice president; Mrs. Helen Burgott, Birmingham, corresponding secretary; Mrs. John Schafer, Birmingham, recording secretary; Mrs. Anne Wilshusen, Orchard Lake, treasurer; and Mrs. Quentin Havlik, assistant treasurer. Board of Directors members also include Mrs. John McDonnell, Dearborn, and Mrs. Royal C. Hayden, Jr., Franklin.

**around & about the
Minnesota Alumni**



ROBERT LATZ, left, University Regent who presented three University of Minnesota Outstanding Achievement Awards at the November 5 Annual Meeting of the Institute of Technology Alumni Association, chatted with the award recipients before the meeting. They are, from the left, John E. Naugle '49BSPhysics '50MS '53PhD, associate administrator of the National Aeronautics & Space Administration; William J. Bailey '43BSChem, an industrial consultant and research professor at the University of Maryland; and Rudolph Pariser '50PhD, director of exploratory research and production manager in the Elastomer Chemicals department of I. E. du Pont de Nemours & Company.

possible for him to have a near-normal life; a whole new line of medical instruments that measure the ventilation of the lungs; the ability to weigh babies while they are still in the incubator, eliminating thermal shock; electrocardiograms that are sent by telephone and satellite; and the development of fiberoptics or glass fibers that transport light, making it possible to look inside of a patient without making a large incision.

73 Captain Thomas E. Vorpahl '73MHA recently received the Meritorious Service Medal at Peterson AFB, Colorado. He was cited for outstanding duty performance as a health service officer. He currently serves at Peterson with a unit of the Aerospace Defense Command.

74 B. Eugene McPherson '74MHA, Plymouth, Minnesota, has been promoted to senior vice president at St. Mary's Hospital, Minneapolis. He joined the hospital staff in 1970 as assistant administrator and in 1973 was named vice president for finance and administration.

Graduate School

37 Ruth A. Merrill '37PhD, who joined the University of Rochester, Rochester, New York, staff in 1933 as social advisor in the Women's College and as director of Cutler Union — making her the first woman director of a student union in the United States — was honored recently when the student organization area in Wilson Commons, the University's new campus center, was named the Ruth Merrill Student Organization Center. After serving the Women's College for 21 years, she was named dean of women in the College of Arts & Science in 1954 when the university's colleges for men and women merged. She became professor of education in 1957, served as acting dean of students from 1958-59, and became full-time director of volunteer services at the University Medical Center in 1960 before retiring in 1962. She still lives in Rochester.

46 William A. McClelland '46MA '48PhD, Alexandria, Virginia, is the president of the Human Resources Research Organization (HumRRO), one of the nation's largest research and development organizations in the fields of behavioral and social science. He joined HumRRO in 1955 as director of its Training Methods division in Washington, D.C., became a deputy director of the organization in 1960 and its executive vice president in 1969.

49 Reynold M. Wik '49PhD is teaching history at Sioux Falls College in Sioux Falls, South Dakota, this academic year. He came out of retirement to take the position. Previously he was the May Treat Morrison Professor of American History at Mills College in Oakland, California, and had been affiliated with that college since 1951. He is ranked as one of the country's leading figures in the history of technology.

51 William Griffiths '51PhD, chairman of the Department of Social and Administrative Health Sciences in the School of Public Health at the University of California-Berkeley, has been elected to the board of directors of the National Center for Health Education. He is also on the executive committee and board of the American Cancer Society and a Fellow in the American Public Health Association, the Society for Research in Child Development and the Society of Public Health Educators.

General College

67 John W. Dalton '67AA, Minneapolis, has written a contemporary text for the new professional in cosmetology, *The Professional Cosmetologist*. Published by West Publishing in St. Paul, the text presents the art, science and business of cosmetology and offers a complete teaching program to its teacher.

Liberal Arts

17 Arthur B. Poole '17BA, Palo Alto, California, is currently a director of the Episcopal Homes Foundation and Diocese of California, and of Eocon (Electronics) Corporation, and is a trustee of Grace Cathedral and vice chairman of the Investment Advisory committee for the San Jose State University Foundation. He served as vice president and a director of the motion picture industry's Pathe Exchange from 1927-35, and as vice president and a director of the American President Steamship Lines from 1938-61.

36 Kerwin E. Hoover '36BA, Pasadena, California, after working 23 years after WWII as a news editor for KFI (NBC) in Los Angeles, wrote for seven years for KNX(CBS) in Hollywood before retiring. He now is on special assignment for KNX as a feature specialist. Hoover served with the Navy aboard the *U.S.S. Susquehanna* during WWII.

39 Clinton L. Schneider '39BA, Redondo Beach, California, retired in October 1, 1975, after 29 years with an insurance company. Harriette Anderson Schneider received her bachelor's degree in medical technology from Minnesota in 1938.

48 Phyllis McGee Heath '48BA, San Jose, California, has taught fifth grade in San Jose's Unified Schools for the past 14 years.



Ray Bartholdi

Bartholdi presents Statue of Liberty replica to City of Duluth and its children

Ray Bartholdi '25BA, Minneapolis, had a dream-come-true during the nation's 1976 Bicentennial Year. After nearly 30 years in a packing crate, an eight-foot-tall replica of the Statue of Liberty which he owned was erected and dedicated in special ceremonies on December 11 at Arena park in Duluth, Minnesota. The statue stands near the entrance of the Duluth harbor.

Bartholdi deeded the statue to the City of Duluth and presented the replica in honor of the memory of his parents and family who settled in the area after the Civil War. Bartholdi was born and reared in Duluth, but has not lived there since he graduated from the University of Minnesota. Two of his sisters still live in the city, however, along with numerous other family members which he visits frequently.

The granite pedestal on which the statue was erected was built from labor and materials donated by the Duluth construction industry. Frank Amendola, president of the Duluth Builders' Exchange, worked with Bartholdi on the arrangements for the exhibit of the statue.

Bartholdi, long a collector of memorabilia on the Statue of Liberty, acquired his replica a number of years ago at an estate sale at Lake Minnetonka. His statue, which had never been displayed, was one of the 100 produced in 1949 at Chicago in celebration of the 40th anniversary of the Boy Scouts of America.

Bartholdi is a descendant of the sculptor of the New York landmark, Frederick Auguste Bartholdi, who began to design the Statue of Liberty around 1876 as a French tribute to the Centennial of the American Revolution. However, it was not until late in October 1886 that the 220 ton statue was shipped across the Atlantic to be dedicated and displayed in New York harbor. The original Statue of Liberty is 151 feet, 1 inch tall and stands 305 feet above the harbor on its 154 foot pedestal.



BARTHOLDI stands next to his eight-foot-tall replica of the Statue of Liberty before it was presented and dedicated to the City of Duluth for its children on December 11. The statue stands in Arena park, overlooking the Duluth harbor on Lake Superior.

The University of Minnesota in music . . .



Recapture the color, the tradition and the sounds of the University of Minnesota through its Concert and Marching Bands, its Glee Club and Chorus in this album of University of Minnesota songs.

"Hats Off To Thee" is an excellent gift for the Minnesota graduate and for your own home.

The Minnesota Alumni Association is donating profits from the album to the University's Scholarship Fund.

Cost of album to Alumni Association members, \$6.00; others, \$7.00. Add 50¢ postage & handling. Minnesota residents, add an additional 24¢ or 28¢ sales tax.

Agriculture

46 Owen K. Hallberg '46BSAg '47MSAg, Washington, D.C., as president of the American Institute of Cooperation (the national educational organization for farmer cooperatives) presented the National Cooperative Education award on behalf of the National committee for October Cooperative Month to E. Fred Koller, professor emeritus of the University of Minnesota. The award cited Koller for "outstanding talents as a teacher and educator on cooperative concepts, his rare ability to develop the potential of a number of today's national cooperative leaders during their studies with him, and the keen perceptions evidenced in his research work." One of the last of the vintage cooperative educators of the past half century, Koller has continued to do special research projects for cooperatives in the midwest since his retirement. Hallberg, a former student of Koller's, was chairman of the 1976 Awards committee that selected him for this national award.

63 John L. Pearson '63BSAg, Overland Park, Kansas, is the area supervisor for the states of Kansas, Missouri, Colorado, Wyoming and Nebraska for the Chemagro Agricultural division of Mobay Chemical Corporation. He joined Chemagro as a sales representative for the Dakotas in 1968. Five years later he moved to the company's Kansas City headquarters as a product manager.

Health Sciences

47 Dr. John Ulrich '47PhD, a School of Medicine professor at the University of New Mexico, Albuquerque, who has also worked with the National Aeronautics & Space Administration for the past dozen years, recently said that America's space program has more than paid for itself with medical and technological advances helpful to all mankind. "The calculator, food production methods, artificial hips and joints and glue to cement them in place are all the result of space-related technology," the professor of microbiology and pathology said. He also cited the small space unit used by a child born without any natural defenses to fight disease, making it

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Please send me _____ copies of their record album "Hats Off To Thee." My check for \$_____ is enclosed, payable to the Minnesota Alumni Association.

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State _____ Zip _____
Membership # _____

52 Hobart M. Banks '52BA, San Francisco, is a psychologist for the State of California's Department of Corrections.

56 USAF Lieutenant Colonel Daniel Zahhos '56BA, Minneapolis, is serving as deputy base commander at Andersen AFB in Guam. He previously was assigned at Offutt AB.

71 Mrs. Anne Nelson Smith '71BA, Glendora, California, is a caseworker in Los Angeles County.

Forestry

35 Arthur E. Ferber '35BSFor, Lincoln, Nebraska, retired forester for the U.S. Soil Conservation Service, was named a Fellow of the Soil Conservation Society of America this year. He was cited for his life-long contributions to woodland conservation in the Great Plains and for his active support of the Society and its programs.

50 Jack F. Bandel '50BSFor, Mobile, Alabama, has been appointed manager-timber and fiber merchandising in International Paper Company's Forest Resource Allocation organization. He joined the company after 25 years of wood products and timberlands experience with Weyerhaeuser Company.

Home Economics

40 Mrs. Charlotte Prescott Evans '40BSHE, Sunnysvale, California, and husband Harry have become constant travelers since retirement. Following participation in the Minnesota Alumni Association's Scandinavian Escapade, they went to Hawaii and in November enjoyed a two-week cruise of the Caribbean.

66 Carol Jackson '66BSHE, Minneapolis, has been elected president of the Minnesota Home Economics Association for 1977. A supermarket home economics at Jerry's Foods of Edina where she develops consumer-oriented publications and bulletins while coordinating promotional activities, she formerly worked as a senior home economist in the publications division of the Pillsbury Company.

68 Elizabeth Varriano-Marston '68BSHE '71MS '75PhD has been appointed associate professor of grain science in the College of Agriculture at Kansas City University, Manhattan, where she will teach half-time and do research half-time. She previously worked as a research assistant at the University of Minnesota and was a guest instructor at Wayne State University in Detroit, Michigan.

Journalism

64 Dennis T. Lowry '64BAJourn '66MA, a communications researcher and consultant and former journalism faculty member at Southern Illinois University, has joined the Journalism department at Temple University, Philadelphia, as assistant professor of communications. For the past two years he has been a communications researcher-consultant for Daystar Communications in Nairobi, Kenya. He has also taught journalism at the Universities of Iowa and Minnesota.

66 USAF First Lieutenant Mary K. Cutler '66BAJourn, New Ulm, Minnesota, an information officer, recently received the Commendation Medal for meritorious service while stationed at MacDill AFB, Florida. She is currently assigned to Andersen AFB, Guam.

Medical

35 Dr. Caifson Johnson '35MD, Kensington, California, retired in 1976 after 10 years of service to the Bank of America, and in 1965 culminated 30 years of service in the U.S. Army, retiring with the rank of colonel.

45 Dr. Frederic J. Kottke '39BS '44PhD '45MD, professor and head of the Department of Physical Medicine and Rehabilitation in the University of Minnesota's School of Medicine, was elected vice president of the American Academy of Physical Medicine and Rehabilitation in November 1976. He will become the academy's president-elect at its 1977 meeting in Miami Beach. His entire professional association has been with the University of Minnesota. He is a past president of the American Congress of Rehabilitation Medicine and served for 20 years on the editorial board of the *Archives of Physical Medicine and Rehabilitation*.

44 Dr. Fred Walter '44MD, International Falls, Minnesota, has been serving as president of the Minnesota Academy of Family Physicians for 1976-77. According to Mrs. William H. A. Watson, whose husband is a 1946 graduate of the University of Minnesota Medical School, 25 out of 30 presidents of the Minnesota group have been Minnesota graduates. "Sounds like the Medical School makes them happy to stay and practice good medicine in Minnesota," she wrote the Minnesota Alumni News. Former University Regent, Dr. Herb Huffington '51MD, Waterville, Minnesota, who died in 1976, would have been installed in September as national president of the American Academy of Family Physicians, making him the second Minnesotan who would have held this national office. The first was Dr. Albert Ritt '32MD, St. Paul.

52 Dr. Gary R. Davis '52MD, Granddada Hills, California, is in private practice of psychiatry in Encino, and is a consultant to the Los Angeles County Probation department. A part-time faculty member at the University of California-Los Angeles, he re-

cently published "Depression: Some Updated Thoughts" in the *Journal of the American Academy of Psychoanalysis*.

71 Dr. John H. Wolff '71MD, Brighton, Massachusetts, has been appointed an associate staff member in the Department of Internal Medicine, Oncology section, Lahey Clinic, Boston. He previously was a clinical associate in medical oncology at the Baltimore Cancer Research Center of the National Cancer Institute and served as a Fellow in hematology at Beth Israel Hospital in Boston.

Institute of Technology

31 Charles C. Winding '31BChE '35PhF, professor emeritus and former director of the chemical engineering department at Cornell University, has been elected a Fellow in the American Institute of Chemical Engineers. He resides in Ithaca, New York. His election recognizes his contributions to engineering education, administration and research and his work as an industrial consultant and achievements in the area of polymer and plastics processing.

35 Robert E. Clifford '35BEE, Falls Church, Virginia, formerly the director of the Honeywell department of strategic planning, has been appointed Washington area director of the Honeywell Aerospace and Defense Group. With Honeywell for the past 25 years, he has served in marketing and sales management positions in the United States and Europe.

38 Ken Person '38BCivE, Edina, Minnesota, is chairperson of the Greater Minneapolis Chamber of Commerce's Education Coordinating committee. The vice president of business development for the Minnesota Gas Company, he has been with them since his graduation from Minnesota.

LETTERS . . .

A good reason to support alma mater . . .

"I now have a niece in graduate school at the University of Minnesota and I guess that and your letter helped convince me to give my support."

"I have now retired from teaching after 35 years and am enjoying my retirement immensely. I did my graduate work at your University and it was a very satisfying experience as everything worked out as planned."

Gladys M. Spangberg '66BSEd
New Richmond, Wisconsin

Editor's Note: Further communication with Ms. Spangberg revealed that she taught for 15½ years in one-room rural schools in St. Croix County Wisconsin, where one was responsible for all eight grades. She then taught fourth graders for 20 years in New Richmond, concentrating on reading, English and spelling instruction in her last eight years as a teacher.

Ms. Spangberg broke her leg skiing at the first school where she taught. She spent almost a year in a Madison, Wisconsin, hospital where her leg was amputated near her hip. Undaunted, she returned to teaching with a wooden leg and has since had to use crutches, also. Ice and snow have not hampered her as she continued to teach in the northern part of the United States: Ms.

Spangberg always found her colleagues, the students and janitors helpful.

We salute a spunky lady!

After receiving an invitation to membership . . .


"This is the first mailing I have received from the Alumni Association for about two years. I retired from *The Hartford Courant* almost two years ago, the end of November, 1974, and I subsequently was a Fulbright lecturer in journalism in India, then a journalism professor at the University of Nebraska in Omaha and now an associate professor in journalism at Syracuse University."

"Perhaps it's no wonder that your mailings didn't catch up with me!"

"Do I want to support the Minnesota Alumni Association? You bet I do. Just last May I was honored by being awarded a Distinguished Alumnus Award by the Board of Regents, and I initiated the University's School of Journalism scholarship program when I was president of the J-School alumni group about 1958 or 1959."

"Please enroll me for another three years — and put the extra \$10.25 into the U of M's School of Communications scholarship fund."

Bob Eddy '40BA '48MA
Syracuse University
Syracuse, New York



"... any man who doesn't believe in life insurance deserves to die once without having any."

—Will Rogers

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45-49	10,000	51.00
50-54	10,000	73.50
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*Premiums are current rates—subject to change by the insurer
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- Premiums Waived During Disability . . . if you become totally disabled (as defined in the contract) prior to age 65, and remain so disabled for at least nine months, premiums becoming due during your continued disability will be waived. Proof must be furnished if requested.
- You May Change . . . to a permanent policy which builds cash values for retirement. When you terminate membership in MAA, when you reach age 74, or when any insurance terminates because of a change in age. You may convert the amount of group life insurance which terminates to any individual policy of life insurance then being issued by the insurance company other than term insurance or any policy containing disability or other supplementary benefits.

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Have you ever been declined or rated for life insurance? (If yes, give details below) _____
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Beneficiary (Print Name as MARY DOE, not MRS. JOHN DOE)	Relationship

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Do consumers have "additive phobia"?

Food colors and preservatives seem to be making headlines with alarming regularity these days. The coal-tar derivative Red No. 2 was banned not long ago. More recently, the coloring agent used on maraschino cherries, Red No. 4, has been banned.

"A stage has come," said University of Minnesota professor Vernal S. Packard, Jr., "when in the minds of the consumer, the word additive is spelt p-o-i-s-o-n."

First cyclamate, the artificial sweetener, was banned. Then questions were raised over the safety of BHT, a flavor protector. After that came concern over monosodium glutamate (MSG), a flavor enhancer, and sodium nitrite, the preservative used in cured meat products.

"Such announcements can cause real consumer concern," says Packard, in his recently published book *Processed Foods and the Consumer: Additives, Labeling Standards, and Nutrition* (University of Minnesota Press).

In his book, Packard said, he has tried to place the use and nature of food additives in the proper perspective. According to Packard, additives can be divided into three general classes: intentional additives, which would be better understood simply as food ingredients, incidental additives, or contaminants of "known origin," and chance contaminants, the dirt and dust and pieces of miscellany that happen to be in food by chance alone.

Sodium bicarbonate (baking soda) is an example of an intentional additive. In the home, it is added to bread dough to make it rise. When the commercial baker uses sodium bicarbonate, it is considered an additive.

Or after one has finished washing and drying dishes at home, some detergent might still remain. When a food processor cleans his equipment, a similar detergent remaining afterwards (in the same minute amounts) becomes a food additive, an incidental food additive.

Chemical names associated with additives are often the cause of fear and hesitancy, but chemicals are literally the stuff of life, Packard said. "All things, living and unliving, can be broken down into a baker's variety of chemical compounds." As the book states, Aceton-3-hydroxy-2-butanone may sound dangerous to those unschooled in chemistry, but it is one of the characterising flavors found naturally in butter.

Not many people would knowingly drink wood alcohol, a well-known poison, yet wood alcohol (methanol) is a natural ingredient of coffee. So is caffeine, which is three times as toxic as the dandelion spray 2, 4 D, according to Packard.

Salt, the universal consumer product consumed everyday, is a toxic compound, comparatively speaking. It is more toxic than piperonyl butoxide, a compound of household insect sprays. "There's no such thing as absolute safety in any food," Packard said.

Then how is it that we manage to survive? Packard explained that it is a simple, yet unimaginably complicated question of the amount consumed and the relative toxicity of the individual chemicals.

Anything consumed in overdose is lethal and so there are real dangers in our passion to eat mountains of commonplace foods like sugar and meat, the author claims.

Use of additives is often hard to avoid. There are a number of poisons that can be produced by bacteria, molds and fungi that have the ability to grow on a variety of foods and feedstuff. Certain *Salmonellae* (bacteria) can cause flu-like symptoms, while some toxins produced by molds and fungi can cause illness as slight as mild nausea or as complex as cancer. Another bacterium, *C. Botulinum*, produces a toxin that can cause death in a matter of days.

For a food processor the alternatives are often limited: risk the growth of toxic agents or add a preservative, Packard said.

Suspected of causing cancer, the sweetener cyclamate was banned in 1969, but at cyclamate levels of one-fourth to one gram per 12 ounce bottle, the amount each person would have to consume to equal the toxic dosage consumed by the test animals in early experiment amounts to 138 to 552 bottles per day.

As Packard points out, scientists have not yet been able to prove that cyclamates cause cancer. An ad hoc committee of the National Cancer Institute recently questioned whether or not any substance, once banned with widespread notoriety, could be expected to regain acceptability if indeed it should be reinstated. "And whether or not it serves a useful pur-

pose," Packard adds. "That's where perspective is badly needed."

This book is available through the Minnesota Alumni Association at the special member discount: regular price, cloth \$12.00, paper \$5.95; MAA price, cloth \$7.80, paper \$3.87. Please add 69c postage & handling costs to cloth edition, and 59c postage & handling costs to paperback. Minnesota residents, add 4% sales tax.

Color additives are a case in point. Recently banned Red No. 2 and Red No. 4 are both synthetic coloring additives. Naturally occur-

ing coloring agents such as riboflavin (vitamin B2) and tumeric (a spice) are also used to color food. Acceptable daily intake levels for these natural coloring agents are no higher — in fact, they average lower — than levels for the coal-tar synthetics, the author writes.

"I do not want to remove concern (about additives in food) but I would like to see it tempered with realism and fact," Packard said. "Clearly, the best way to avoid food intoxication is to eat moderately a wide variety of foods, except where allergies dictate exclusion of certain specified food items." — Sunita K. Yawalker, UNS writer

Alumni to hear about Chinese industry on January 19

"Chinese Industry Under Mao" will be the topic of Professor Robert Holloway's Quarterly College of Business Administration

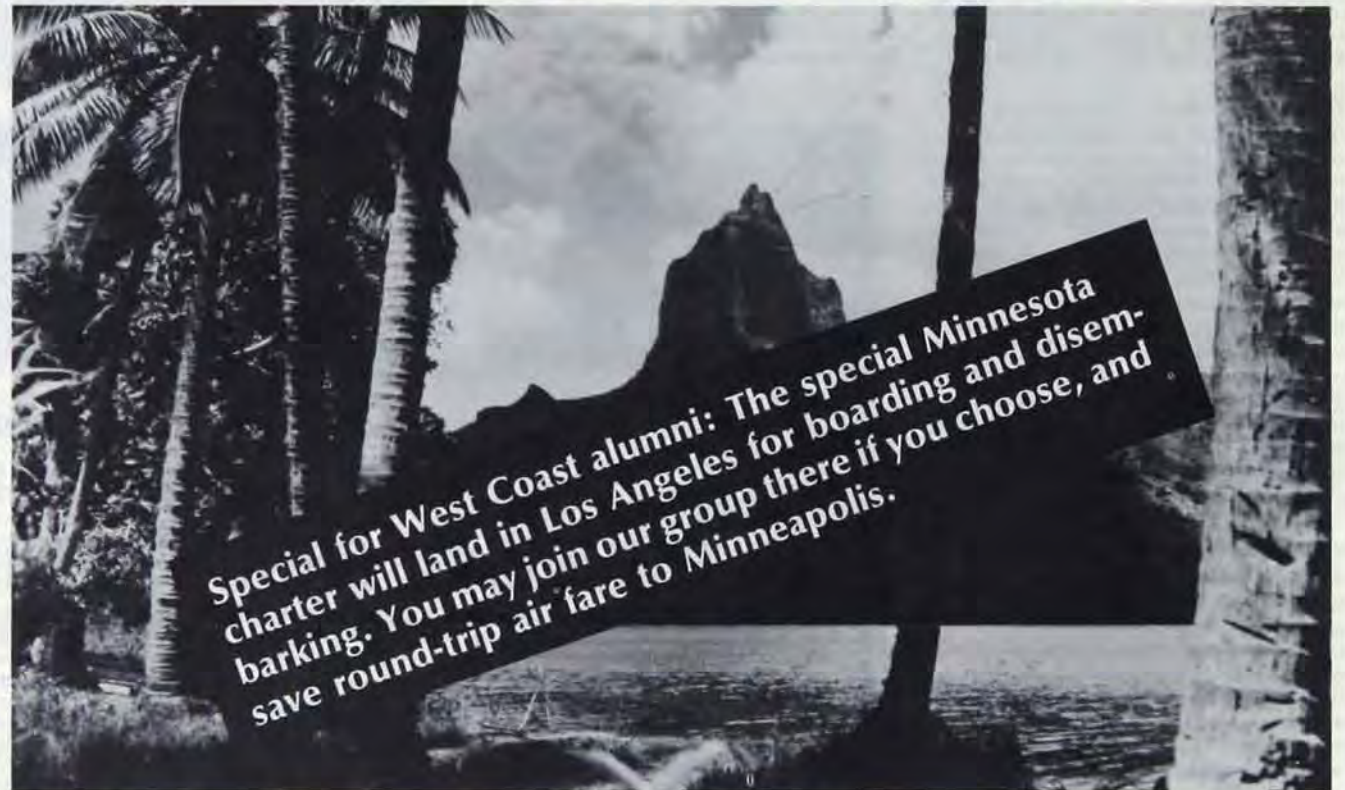
Alumni Lecture on January 19 at the Northstar Inn, Minneapolis. This is the 12th lecture to be presented under the College of Business Administration Alumni sponsorship.

In his talk, Holloway will review industrial development in old China, development during Mao's time of 1949-76, including the industrial apparatus, managing the factory, the workers, working conditions, pay, living, retirement and so forth, environmental concerns and questions about the future.

Holloway was one of seven University of Minnesota faculty members who visited China during late July and August 1976, in a trip sponsored by the Northwest Foundation.

A member of the College of Business Marketing faculty since 1950, Holloway received his MBA and PhD degrees from Stanford University. He has been active in the American Marketing Association, serving as vice president and president from 1966-68, and has been a member of the National Advisory Marketing committee of the U.S. Department of Commerce since 1967. He received the Outstanding Educator Award in 1971.

Join Minnesota's South Pacific Escapade



March 14-28 A trip "down under," half a world away.

To New Zealand, one of the most gloriously natural places on earth, a country of breathtaking beauty where Christmas comes in summer and winter never comes.

Optional Tour: Full day to Waitomo Glow-Worm Caves and Rotorua. Travel through the fertile Waikoto River Valley, the dairy farmland of New Zealand, visit Hamilton, the country's fourth largest city, see the lush pastures of Waitomo and the wonders that surpass the beauties of the landscape, the Waitomo Caves — Aranui, Ruakuri and Waitomo with its glow worm grotto. Visit Rotorua, a timber town renowned for its thermal activities and strong association with the Maori culture.

To Australia, a land of large deserts, towering mountains, varied agriculture, ancient people living alongside a pioneering contemporary populace.

To Sydney, Australia's largest city, a multi-faceted diamond with an exquisite harbor-setting and "outback" vitality.

Optional Tours: An Australian tour, a luxurious day of relaxation and pleasure in an unspoiled setting. Drive through beautiful residential

areas, then take a luxury cruise to a spot that can only be reached by boat for a special barbecue lunch on the riverbank. Visit Pennant Hills Bear Farm and walk among kangaroos, meet koalas, emus, wombats and wallabies.

Or Canberra by air, to Australia's national capital and diplomatic centre, a totally planned city of the 20th century, providing some of the country's most interesting and creative architecture. Visit Regatta Point, the Australian National University, All Saint Church, the Parliament House. See a typical ranch and a sheep shearing exhibition.

Or a Lightning Ridge tour to Walgett, a thriving cattle raising area in the real "outback". Drive through a spectacular countryside to the "Ridge", the only world source of the famous black opal.

To Tahiti, a hospitable, picturesque, luxurious island, the largest of French Polynesia, with an easy-going lifestyle.

Optional Tours: A full day circle island tour, with stops at scenic and historic points of interest — the tomb of King Pomar V, Point Venus and Museum Discovery, Blowhole, the waterfalls of Faaruumai,

botanical gardens of Papeari, Gauguin Museum, the Maraa fern grotto and the old Polynesian temple of Arahurahu.

Or a full day tour to Moorea, the closest island to Tahiti and one of the most spectacular in the world.

MAA Package price, \$1,499 per person, based on two per room occupancy. Price includes all taxes and services.

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In the travel arrangements, I prefer the smoking section; the no smoking section.

\$175 deposit required per person. Make checks payable to South Pacific Escapade.

1977 FEBRUARY

alumni news

UNIVERSITY OF MINNESOTA



here comes
our band

- Special Photo Story
On The Marching Band
- Women's Intercollegiate
Head & Gymnastics Coaches
- Reunion News & Campus Memories





Alumni Center Activities Calendar

A chronology of organized alumni activity throughout Minnesota and the United States in which the Minnesota Alumni Association participates and to which Minnesota alumni are invited.

FEBRUARY

- 8 South Pacific Escapade Dinner, Associate professor and placement executive Arnold S. Woestehoff, speaker, Minnesota Alumni Club, Minneapolis
- 10 An Evening With The Professor: English professor and folklorist Ellen Stekert, "The Folklore About Folklore," Minnesota Alumni Club, Minneapolis
Fargo-Moorhead (Mn) Alumni Annual Meeting, College of Business Administration dean Arthur Williams, speaker, with Vince Bilotta, executive director of Minnesota Alumni Association
- 11 General College Alumni Association Theater Dinner Party, Downtown Theater, Minneapolis
- 15 Veterinary Medical Alumni Association Annual Meeting, Saint Paul Radisson Hotel, Assistant hockey coach Brad Buetow, speaker
- 17 St. Cloud (Mn) Alumni Annual Meeting, Journalism professor Everette Dennis, speaker
- 21 Minnesota-Arizona Williams Fund Golf Tourney and Evening Awards Banquet, Scottsdale, Arizona
- 23 College of Business Administration Alumni Board-Student Leader Luncheon, Minnesota Alumni Club, Minneapolis
- 24 An Evening With The Professor: Professor of Scandinavian and German Anatoly S. Liberman, "A Russian Look At America," Minnesota Alumni Club, Minneapolis

MARCH

- 3 Agriculture, Forestry & Home Economics Alumni Association Annual Meeting, Deputy vice president and dean William Hueg, speaker, presentation of five Outstanding Achievement Awards, Minnesota Alumni Club, Minneapolis
- 10 An Evening With The Professor: Professor Barbara Stuhler, associate dean, Continuing Education & Extension, "The Arms Race: A Little Matter of Survival," Minnesota Alumni Club, Minneapolis
- 14 Redwood Falls (Mn) Alumni Annual Meeting, Deputy vice president and dean William S. Hueg, speaker
(through the 28th) South Pacific Escapade, New Zealand, Australia and Tahiti
- 22 School of Social Work Alumni Association Annual Meeting, Professor Gisela Konopka, "Understanding the Adolescent Girl — Impact on Practice," Minnesota Alumni Club, Minneapolis
- 24 Institute of Technology Alumni Board Dinner
- 31 MAA Executive Committee Meeting, Alumni Center, Twin Cities campus

letters . . .

November delay made special . . .

I, for one, was not a bit unhappy about the delayed publication of the November issue of *Minnesota Alumni News*. Rather, I was delighted that the decision was made to include the special insert, "Minnesota Challenges the NCAA" as a method of informing Minnesota alumni on the history, background and issues in the court suit which the University has filed against the NCAA.

May I extend my congratulations on a well-written, informative and interesting article which does much to clear up the mystery and misunderstandings concerning the NCAA's charges against the University.

I was one of those who made a cash contribution during the half-time of the Minnesota-Iowa game. However, after seeing the way the cash contribution containers were being mishandled by some over-enthusiastic and slightly intoxicated visiting fans, I decided to make a small cash contribution and a larger one by check. Thank you for enclosing a self-addressed envelope to assist in making this contribution.

I know that the University of Minnesota has the whole-hearted support of thousands of alumni such as the Hallbergs as they carry on their court battle with the NCAA.
*Owen K. Hallberg '46BSAg '47MS
President, American Institute of
Cooperation, Washington, D.C.*

Thank you for an important day . . .

Friday, November 5, 1976, has already assumed the position of one of the most important days in my life. For this, I would like to express my deepest gratitude to the Minnesota Alumni Association and to President C. Peter Magrath and the University of Minnesota. Your hospitality could not have been greater; it was a day the memory of which my wife and I will always cherish.

(Turn to page 25)

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alumni news
UNIVERSITY OF MINNESOTA

FEBRUARY 1977

VOL. 76, NO. 6

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Two photographic features about University of Minnesota students and staff highlight this issue of *Minnesota Alumni News*, which includes news of upcoming class reunions, and campus programs and research that have far-reaching ramifications throughout the nation and the world.

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“They’re

a great group of kids who really wear me out,” O’Neill Sanford, the new director of the University of Minnesota Marching Band, said of his collegiate charges.

Some of the traditions, the sparkle, the camaraderie and the fun that is the Minnesota Marching Band is captured in this photo story.

The University of Minnesota Marching Band is made up of 260 students from a variety of backgrounds who are pursuing a variety of academic majors at the University. They are good to outstanding musicians from more than 108 high schools, representing about 136 different cities and towns, 90 percent of which are in Minnesota.

But, more importantly, they represent a spirited, close-knit organization that is unique to a college campus and to themselves.

“Many students entering a university feel they need something to associate with, especially incoming freshmen. The Marching Band gives that feeling of belonging, its far-ranging reputation inspires students and makes their enthusiasm for the University of Minnesota stronger,” Sanford said.

The

activities of the Marching Band start in the fall, about a week or two before fall quarter opens, when Spat Camp is

The spirit that is youth and music

Director O’Neill Sanford



held, a week-long selection process for band members that is a 15-year-old tradition. This past fall over 100 new students and more than 150 “veterans” turned out to compete — with uniforms, drills and rank lieutenants — for positions in the band’s marching “block.”

After a week of drills on the Minnesota Marching Band’s style — called the high step and inaugurated by Dr. Frank Benciscutto, director of University Bands — marching and playing, from 8:00 a.m. until after 9:00 p.m., new students and “veterans” alike were judged on their marching and musicianship for the 192 places in the “block.”

“They are judged 60 percent on marching and 40 percent on musicianship,” Sanford said. “Marching is the key to the band’s style, to its uniform appearance, that allows the students to

perform the shows that they do.”

Those who do not make the marching “block,” become flag bearers or alternates who rehearse and travel with the band and fill in as needed. “Most of the alternates have a chance to march before the season is over,” Sanford said.

The

Marching Band’s most visible performances are on the artificial turf of Memorial Stadium when it entertains fans before game time and during the half time shows. It is then that the band transmits its special spirit to the fans

— and the fans respond. When the Marching Band has appeared in concerts in Minnesota communities or at Northrop Auditorium, the turnouts have been excellent and the audiences’ enthusiasm resounding.

“The bands of the Big Ten are filled with traditions,” Sanford said. “And these traditions are especially important in a band as strong as Minnesota’s. Those who watch us perform think a lot of the swinging gates, a marching maneuver that is performed before the *Star Spangled Banner* is played, and of the band members’ playing *The Minnesota March* on their way to the stadium.

“The band enjoys performing and being out on game days. We work in a very relaxed atmosphere, but when it’s time to go to work, to go onto the field and put on a show, we work and work hard.

“I’ve never been with an organization that is quite so relaxed and close knit as this one, nor have I been with a group that has so much fun — and I like it,” Sanford said.

Minnesota Marching Band members have a reputation for their antics — for those funny hats they wear in the

stands during football games, or the vampire teeth and other good-humored props they use to "do their thing."

"I don't worry about what they do," Sanford said, "I know they aren't going to disgrace the school nor themselves."

Their director particularly remembers what happened at the last concert the band played in Northrop in 1976: "They completely took me out," he chuckled. "There I was on top of a ladder in front of more than 4,000 people, and when I lifted my hands to begin the concert, each of the kids picked up a paper cup they had under their chairs and squeezed it together — thussck. It completely took me out!" Sanford roared.

Photos by John Ryan



These selections ranged from the classical, to themes from movies and television shows, to rhythm and blues.

"We have no way of predicting how the people out there will respond to us," he said. "but we work at entertaining, and if we execute well, we feel we have done our job."

Sanford noted that the bands in the Midwest use more movement in their presentations and more precision drills and formations, such as rockets and shooting pistols, than do bands on the West Coast that tend to stand around and play while leaving the movement to throngs of pom pom and dancing girls.

"I think our bands are more entertaining," he said.



For

football half time shows, band members begin rehearsals on a Tuesday. The next day they are on the field to learn the first half of the drills that will be a part of the half time show. "On Thursday afternoon we will get down the second part and usually put it all together on Friday," Sanford said.

"I coordinate the formations to the music (which is an art in itself)," he said. "The music is important to carry the formations."

This past season Sanford used a wide range of musical selections to try to relate to as many people in the stands (or at concerts) as possible.

Sanford

came to the University of Minnesota from Virginia College in Petersburg, Florida, where he had been an assistant professor of music and director of bands for three years. He is the first black band director in the Big Ten.

His career in music really started in high school where he played trombone in the high school band. When he entered college he enrolled in an industrial arts program, but his high school band director appeared on the scene and persuaded him to audition for the university band. "I won a seat on that band," he said, "and completed a degree in music education." Before he finished that degree, he directed a high school band and carried it to first place in a state contest.

Sanford's ability to arrange led him to a position as an arranger at Mississippi Valley State University where he later became department chairman and band director. During his year as director he carried the Mississippi Valley Band to a national contest in Dallas, Texas, and won five of six trophies and a \$10,000 prize.

His reputation continued to grow and he accepted a position at Virginia College. Later a persistent friend convinced him to apply for the Minnesota position.

Sanford enjoys both arranging and directing, and did all but two of the arrangements for the band's 1976 season. He had help on those two from a classmate, Paul Adams who is director of bands at Howard University in Washington, D.C.

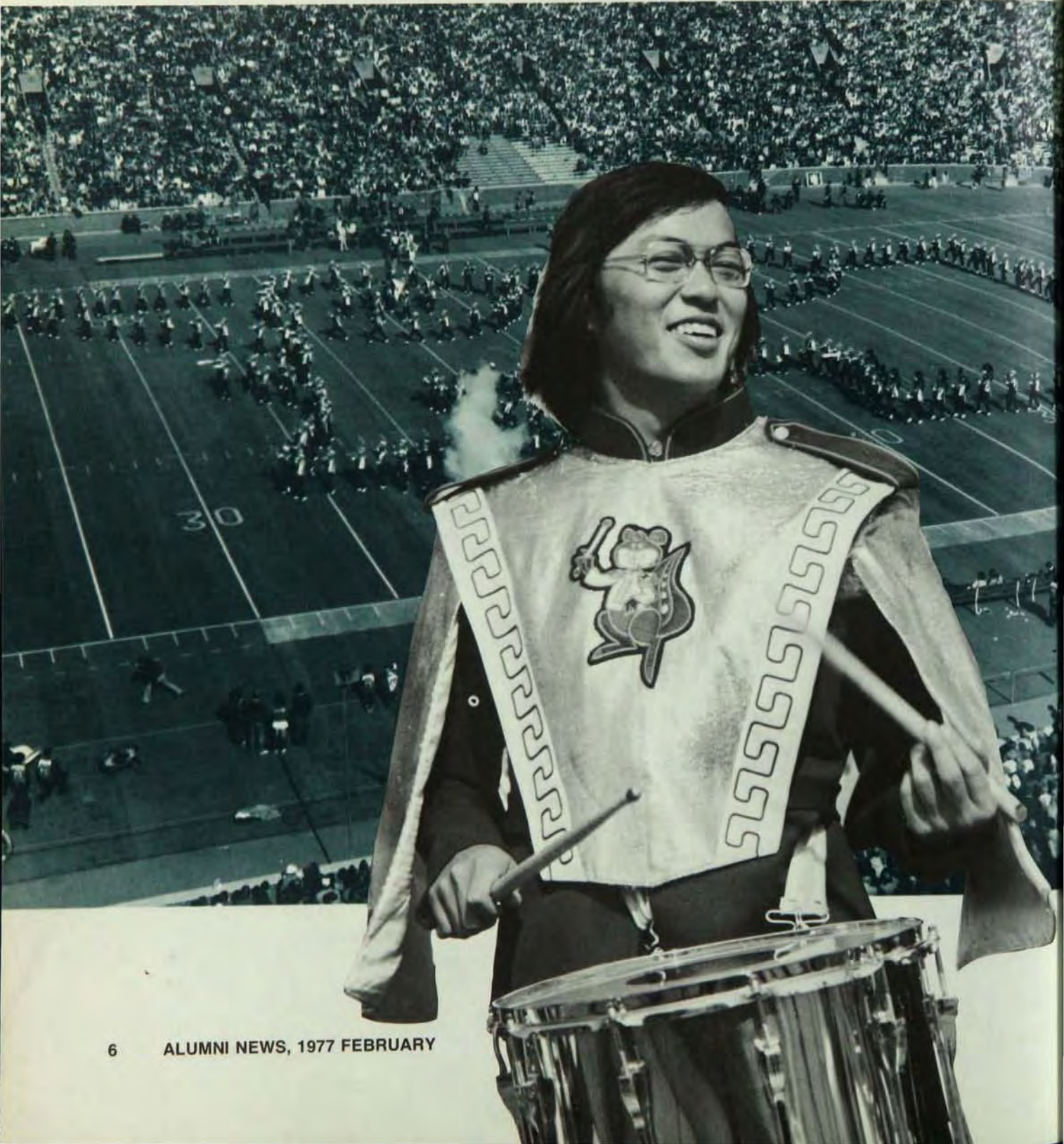
When the Marching Band's 1976 season ended with its Annual Banquet at the close of fall quarter, Sanford went to teaching music courses and directing a concert and a jazz band.

And the members of the Marching Band? Many of them are playing in University concert and jazz bands or with the lively Pep Band the fans hear at the home basketball and hockey games; others are dreaming of warm fall days and Spat Camp 1977, with its work, exhilaration and crazy antics that are all a part of their marvelous band fraternity.

*Turn the page
for photos of the
marvelous
Marching Band . . .*

STRIKE UP THE BAND!

Photos by John Ryan



*The color and excitement of college football,
the sounds and fun of a university fall,
pageantry and swirl on the field, all of this is the
Minnesota Marching Band . . .*



Photos by John Ryan





Photos by John Ryan



Director O'Neill Sanford led his charges on the field, at Homecoming pepfests and at Northrop concerts where young children participated.

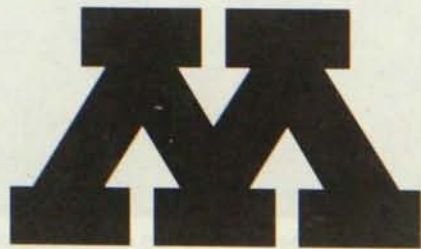




Photos by Paul Wychor



Photos by John Ryan



Ed Harding recalls a campus of the early '40s

Photo by Paul Wychor



ED HARDING, a member of the Class of 1937, discusses his work with the 40th Reunion committee and, particularly, campus memories from his years at the University of Minnesota.

Edward

W. Harding, co-chairperson of the 40th reunion of the Class of 1937, is very modest. It took some prodding and finally the help of his wife, Jean Stinchfield Harding, to find out about this very loyal and versatile alumnus.

Jean should know. She and Ed went to North High together. However, he enrolled at the University while she went to St. Catherine's, but their dating continued.

His friends at the University were her friends, and once started on memory's trail, they both reminisced.

Thinking back, Ed recalled that there were no big issues on campus when he was there, they had all been settled by earlier classes.

The Depression was bottoming out and Hitler was not yet a worldwide threat. As a freshman, Ed was required to take drill, but it was no longer required by the time he was a senior.

One issue he remembers as being worth challenge was the fraternity-sorority domination in campus politics. Although he belonged to Lambda Chi Alpha, he thought that student officers in University organizations and in class leadership positions should be chosen more democratically. He worked for the merit system and it was finally accepted.

Prohibition had been repealed some time before his years on the Minnesota campus. Beer was served in the "joints" near Oak Street and Washington Avenue, he said, "and sometimes we 'spiked' it.

"Everybody was stony broke," Harding recalled. "I was lucky. My grandmother had left me a legacy of \$1,500. It and the salary I got as editor of the *Ski-U-Mah* my senior year paid my way through the University.

"I was lucky, too, being editor. I had due bills and passes for The Bridge (the student hangout on 15th Avenue), the football and basketball games, the concerts and for some of the downtown entertainment."

Ed

was a Liberal Arts major in a new program that permitted the student to choose subjects which appealed to him. An advisor had to approve the choices. Heaton was his advisor and was generous in his approval of Ed's speech, economics and journalism courses.

During his freshman and sophomore years, Harding worked on the *Daily*. That was during "Arnie" Sevareid's time. George Hage, now on the journalism faculty, was a fellow student. Bob DeVany was *Daily* editor, while George Withy edited the *Gopher* and Harding put out *Ski-U-Mah*.

"We patterned the contents of *Ski-U-Mah* after *The New Yorker*, sophisticated, we thought. And we didn't have any censorship problems," Harding said.

He came to this editorship in proper succession. His father, Fred A. Harding, and his mother, Leila Withie, had edited its forerunner, *Minnehaha*, in 1908-09.

Who else was studying journalism on the University campus when Ed was?

"Richard Scammon, the son of Dr. Scammon of the Medical School, Angelo Cohn who is now on the *Washington Post*, and Randall Hobart of *The Minneapolis Star*," Harding said.

"The big news, as I remember, was Dr. Harold Diehl's 'New Deal Pill' for colds. Dr. Diehl was dean of the Medical School at that time.

"You might be interested to know that a later editor of the *Daily* was Paul Gruchow and the city editor was Nancy Harding, our daughter, who is now Mrs. Paul Gruchow."

What else did Harding do on the University campus?

"He was in theater," his wife answered.

"Albert Lovejoy and DeLyle Crawford were directors then," Ed said. "I was in Masquers and Garrick Club, but I didn't have very big parts."

"He never tells about those," Jean said.

Harding was part of the University Theater at the same time that former Guthrie star Larry Gates was on campus.

"We didn't think Gates was much of an actor," Harding said. "I remember him in a Shakespeare play. Kevin McCarthy and Marguerite Garden Jones were in the plays then also.

"I remember one time — it was in 'The Russet Mantle' — Marguerite had to enter the tent of the sheik and she had to wear a shift. She had underwear under it, but she was so afraid it didn't cover her enough."

Harding still has the theater in his blood. He tries out for and performs in community theaters about twice a year. His favorite is Theatre 1900 at Plymouth Congregational Church in Minneapolis, but he is also partial to the Centre Stage at the Jewish Community Center in St. Louis Park. He was a wonderful Wizard in "Wizard of Oz" at that theater — I know, I saw him.

Last summer he had a singing part in "The Travels of Benjamin III." He had never sung and was scared to death. So he is taking a music course in night school at the University. He wants to be prepared for that kind of part the next time around.

There were several facts about his campus life that Ed forgot to mention during our interview: the presidency of Greyfriars, membership in Sigma Delta Chi and the presidency of the Greek Interfraternity Council.

Nor did he mention that he had entered the College of Engineering as a freshman, then changed courses to the College of Science, Literature & Arts in his sophomore year.

Later, during the war, he returned to engineering through an Army program at the University of Chicago. He

worked at the Aberdeen Proving Grounds and did graduate work at the Universities of Maryland and Delaware and Johns Hopkins in electronics.

Thereupon he found his career. He is a salesman for the Heisman Company, handling electronic parts such as galvanometers, film capacitors, single row terminal blocks, photoconductors and the like.

Hobbies?

"Bridge. Do you like wine?" he asked.

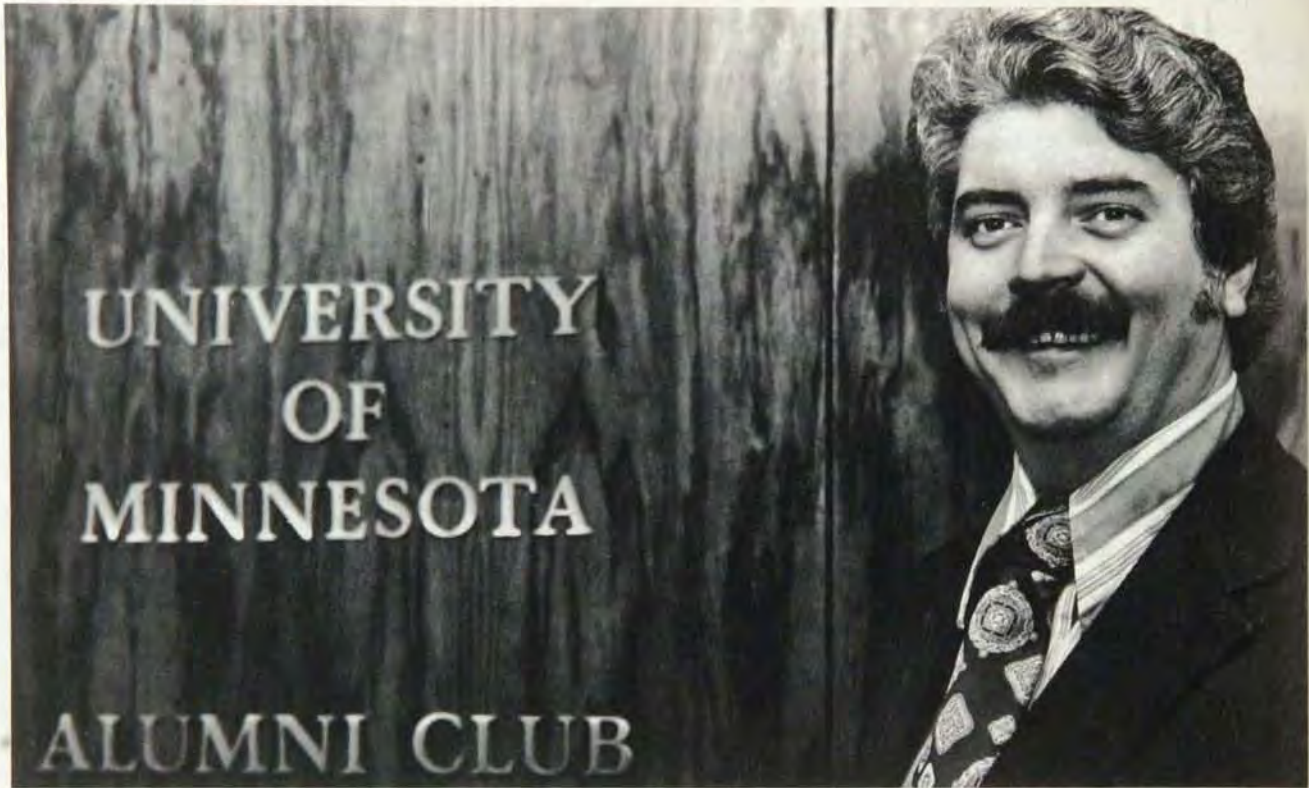
Harding makes it and belongs to several winemakers' clubs. He is an artist, too, and his labels are unique.

A major gripe of Harding is that high school counselors tend to downgrade the University as "being too big" — he and his wife encountered this problem with their two daughters and son. Diana won a scholarship at Macalester College in Saint Paul, so she went there. Frederick is a junior at the University of Minnesota, majoring in American Studies and specializing in photography as a studio art.

Harding has a granddaughter, Laura, born just about the time his daughter Nancy was finishing a quarter in Law School. She graduated last June.

Asked about his continued interest and loyalty to the University, Harding says that he "enjoyed himself on the campus and received a very good education."

Prepare to meet Ed and Jean Harding on May 23 when the Class of 1937 gets together at the University of Minnesota Alumni Club in downtown Minneapolis. Jane Speakes Hawthorne, co-chairperson with Harding, will have more to say about that gathering in a later issue. But class members should bear in mind that Bud Wilkinson, Malcolm Moos, Curt Carlson, Norman Borlaug and Peggy Lynch Ronning are 1937 graduates and nearly all of them have already indicated they will attend the reunion. — Wilma Smith Leland



Bill Swain is new Club manager

Bill

Swain, Minneapolis, was named the new manager of the University of Minnesota Alumni Club in the IDS Center, Minneapolis, in January, according to Vincent J. Bilotta, executive director of the Minnesota Alumni Association. He replaces Irene D. Kreidberg, who retired in January after having come out of an earlier retirement to manage the Club since its opening.

Formerly of Waterloo, Iowa, Bill returned to the Twin Cities area 21 years ago to begin a career in food service. A graduate of Minneapolis' West High School, he started at the bottom, so to speak, washing pots and pans at the Rainbow Cafe at Lake & Hennepin in Minneapolis.

His major restaurant affiliation in the Twin Cities has been with the Minnekahda Club, where he did everything, including caddying, and working as a houseman, meat cutter, food

buyer, food and cocktail waiter, bartender and assistant manager. He left the Minnekahda Club to manage the Minnesota Alumni Club because he saw the position as a "new challenge."

Bill, who has worked in many of the major gourmet restaurants in the Twin Cities, enjoys his work in food service because he is very people-oriented. He is anxious for input from Alumni Club clientele so he can understand their needs *and satisfy* them. He is working to make sure that the French service for which the Club's menu is designed is properly that kind of service.

Look for exciting changes and new programs at the Alumni Club from Bill — he is anxious to make the Club equally inviting to members' business acquaintances and friends, as well as for their families.

He is a family man himself and pledged to do the best job possible for you, the Alumni Club members.

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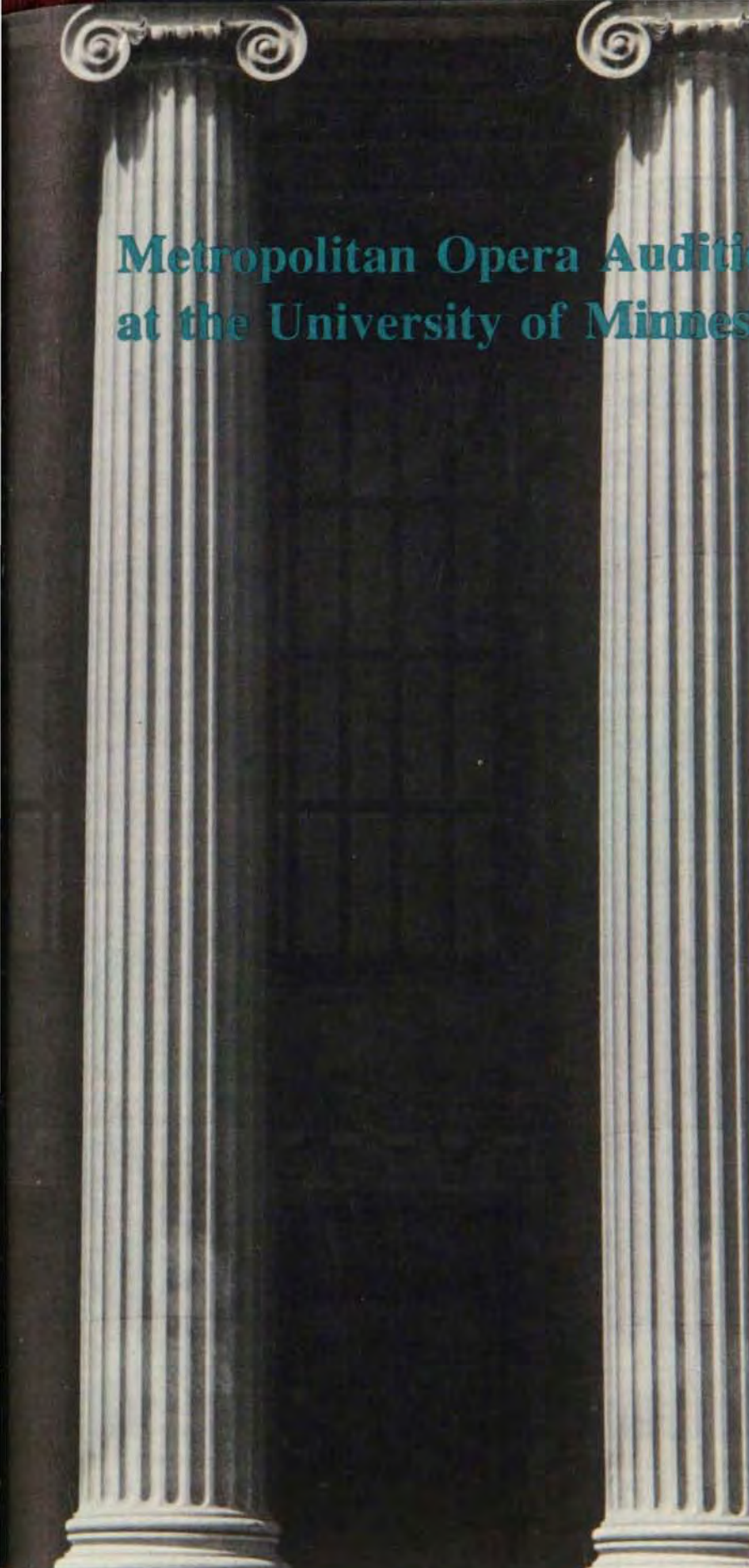
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By Irma Wachtler

Metropolitan Opera Auditions originated at the University of Minnesota 24 years ago

Moving

the Metropolitan Opera into Northrop Memorial Auditorium every May is like bringing in "the biggest show on earth." Because it is a monumental project, the opera's coming to the Twin Cities attracts a great deal of attention and creates that familiar stir in the air which says, "the MET is in town."

How many people are as keenly aware of the fact that "the MET is in town" every February, but in another form? The Metropolitan Opera Auditions, which also take place at Northrop Auditorium, assume occupancy in a manner which is not as flamboyant as that of the performing group. Their purpose, however, is of equal or possibly even greater importance; for from these auditions and all their counterparts being conducted across the country simultaneously come the young singers who will be performing in the Metropolitan Opera productions. In other words, these auditions are the feeding ground for the MET.

The Twin Cities and the University have played a major role in the continued growth and development of the Metropolitan Opera, for it was two Saint Paulites, Mrs. Frederick K. Weyerhaeuser and the late James L. Lombard, who was then chairman of the University's Department of Concerts and Lectures, who conceived the current plan for regional auditions. These two individuals organized and executed the first regional auditions at Northrop Auditorium in February 1954. (Prior to this, talent was secured through the "MET Auditions of the Air.")

Auditions have continued to be held at Northrop all these years during

which time the system of regional auditions has spread across the country following the pattern set by Mrs. Weyerhaeuser and Lombard. There are now 16 regions covering every section of the nation, including Puerto Rico, parts of Canada, Australia and Honolulu, and each is divided into districts.

Young singers between the ages of 18 and 33 are invited to participate. From the approximately 2,500 vocalists who enter the auditions, the field is narrowed down to about 12 finalists in each region. This means that every year nearly 200 singers from throughout the nation and abroad will be given an opportunity to sing for a representative of the Metropolitan Opera, an individual whose "close contact with the opera and his (her) knowledge of the quality in a singer which are necessary for a successful career make him (her) especially well-qualified to weigh the operatic potential of the contestants," according to the *Regional Auditions Handbook* developed by the MET's National Council. This representative selects one contestant in each region who has the greatest potential.

Initially, the singers must compete in their own districts from which a panel of judges selects two winners. These two then go on to regional auditions.

One winner is chosen from each region by a Metropolitan Opera judge to go to New York to compete in the National semi-finals. Winners of the semi-finals then audition in the final competition for a single National winner.

The

24th Annual Auditions begin with the Minnesota-Western Wisconsin district competition on February 5, followed by the Upper Midwest Regional competition on February 26 to be held at Northrop. Both are completed within one afternoon. What transpires here is the beginning of an orderly, progressive competition.

The Minnesota-Western Wisconsin district first place winner receives the \$250 John K. Sherman award established by the Apollo Club Foundation of Minneapolis, along with an invitation to perform as a guest soloist with

the Club. This is unique, as other districts give only cash prizes, and while the monetary awards are important, the opportunity to perform is invaluable and is coveted.

The second place winner receives the Bing Foundation award of \$250. In addition, cash awards amounting to another \$400 are distributed.

The two district finalists then compete with the finalists from the other six districts in the Upper Midwest Region when they come to Northrop Auditorium on February 26. The first place winner in the region receives the F. K. Weyerhaeuser award of \$300, plus an all-expense paid trip as guest of the Metropolitan National Council to compete on March 13 in the National semi-finals with the other 15 regional finalists at the Metropolitan Opera House in New York. The winners must be prepared to arrive in New York on the date specified by the national chairman of auditions and to remain there for coaching by the Metropolitan artistic staff until the semi-finals competition.

The second and third place regional winners receive the April Axton Awards of \$200 and \$100, respectively. Also distributed among the winners in this region is an additional total of approximately \$2,800 through various awards, which is local award money. The Weyerhaeuser award, April Axton awards and the trip to New York are given by the Metropolitan Opera National Council in each of the 16 regions.

From the regional winners, or semi-finalists, a committee of Metropolitan Opera officials selects those singers who are judged to be the most talented. These contestants then compete for the coveted honor of being a National Finalist. Each finalist is presented a \$2,000 award which will be placed in student training accounts for disbursements in connection with vocal lessons, coaching and so forth.

The candidates who qualify as finalists remain in New York for additional coaching in preparation for the National Finals competition on March

20. Those competitors will then appear before an invited audience to be judged again by the Metropolitan Opera's artistic and musical staffs for the final winner, possible Metropolitan Opera contracts and additional study grants.

Even though the number of actual winners is limited, participation in the auditions is a valuable experience for all the young singers. Representatives of important local and regional musical organizations who are looking for talent attend these district and regional competitions.

Monetary awards in this district and region alone last year totaled \$4,300. "With national winners receiving possible Metropolitan Opera Company contracts, and with other national and regional awards in excess of \$45,000, it is today's most important competition in the field of music and offers the coming generation of singers an opportunity to gain early recognition that is without parallel throughout the world," according to the *Auditions Handbook*.

"The selection of a contestant as a finalist, whether or not he (she) wins a major finals award, stamps him (her) as among the most promising young singers of the nation," the *Handbook* continues. "This, in itself, is a signal honor, and the Metropolitan Opera, in its desire to give maximum encouragement to these talented young singers, has adopted the following policy:

"Any national finalist or semi-finalist, irrespective of whether he (she) won one of the major national awards, will be granted upon request a re-hearing after a reasonable time has elapsed since his (her) audition. If the judges find his (her) progress warrants it, he (she) will be awarded a scholarship from the Educational Fund.

"The Metropolitan Opera is interested in watching the development of these potential opera singers. As the result of such follow-up, finalists who were not award winners have later been given contracts with the Metropolitan Opera, and others are now getting valuable experience singing leading roles in European and American opera houses."



JAMES L. LOMBARD, who died in 1970, was the chairman of the University of Minnesota's Department of Concerts and Lectures when he teamed with another Saint Paulite, Mrs. Frederick K. Weyerhaeuser, to conceive the popular plan for the Metropolitan Opera's Regional Auditions, the first of which would occur in Northrop Auditorium in 1954. These two pioneers were instrumental in establishing a stronghold of talent and support for the MET in the Upper Midwest area.

The

cooperation between the University of Minnesota and the Metropolitan Opera has provided good facilities for auditions as well as for performances. Over the years, it has been a happy relationship which has been an advantage to both the MET and the University. The use of the University facilities has made it possible to open auditions to the public without an admission charge, thereby generating broader support for and interest in the auditions and the MET in particular and the area's cultural aspects in general.

The Upper Midwest Region is recognized by the Metropolitan Opera National Council as one of its strongest — those two pioneers from Saint Paul, Vivian Weyerhaeuser and Jim Lombard, were undeniably instrumental in establishing it as a stronghold. However, the 70 members on the National Council from this region make it one of the largest representative groups in the country exceeded only by the Eastern Region. Figures show that the total in local cash awards from the Midwest Region is one of the highest in the nation. And it is one of the few places which opens auditions to the public without admission charge. It is also one of the few whose operations are closely associated with a college or university.

Its auditions are well known for their efficiency, smoothness of operation and high quality of artistic judging.

Because the auditions are the feeding ground for Metropolitan Opera talent, its casts are laced with many names of former auditionists. Among the well-known of these individuals are Risé Stevens, George Shirley, Rosiland Elias and Christine Wiedinger.

John Carpenter, who last year was the co-winner of the finals with Ashley Putnam (the first time in the history of the auditions that there have been co-winners), did receive a contract. He has won \$10,000 in cash, and this spring when "the MET is in town" he will sing Jonas in *Le Prophete*.

Lenus Carlson, who placed in the auditions at Northrop as a very young, beginning singer from this district, but

who was not an Upper Midwest Regional winner, went on to Julliard School of Music in New York. In 1975 he made his debut with the Metropolitan Opera and has been singing important roles since. Two years ago he portrayed Silvo in *Pagliacci* when the company presented it here in the Twin Cities.

From among all the singers who have auditioned in this region, there have been two who have won the National audition's first place award. Robert Goodlow, the 1964 winner, is under contract and performs regularly. Costanza Cuccaro won the finals in 1967, was not put under contract, but went to the Zurich Opera in Switzerland where she was the leading soprano for a number of years. She returned to the United States for her debut with the Metropolitan Opera in 1975 to sing Rossina in *The Barber of Seville*. She is in great demand in opera houses all over the world, and is going now to the Vancouver Opera to sing in a production there with Joan Sutherland.

It is interesting to note the present status of other winners of our Upper Midwest Region, who, by virtue of their winning here, were semi-finalists (and some became finalists) in the New York National Auditions. Some whose careers it has been possible to follow are accounted for here in chronological order of competition victory:

1954, Ethel Wagner DeLong, the first regional winner, will be a judge for this district's auditions on February 5th. She is a vocal teacher and has sung major roles with the Saint Paul Opera.

1956, Mary Ellen Jenkins has sung many major roles with the Saint Paul Opera.

1959, Theodora Andres went on to New York for a career there.

1963, Carol Stuart is now at Simpson College in Iowa on the music staff and is the leading soprano with the Des Moines Opera.

1971, Leah Beth Frey, now known as Lia Frey, placed in the National finals auditions and from there went to an opera house in Bern, Switzerland, for three years. At present she is in Flensburg, Germany, as the leading soprano and has recently received acclaim for her *Madame Butterfly* role.

1973, Carol Gutknecht is in Europe enjoying a singing career.

1974, Margaret Evans recently moved to Germany and last summer placed second in the prestigious International Vocal Competition in Geneva, Switzerland.

1975, Mark Madsen was accepted in the San Francisco Merola program for young, gifted singers. He is now studying and singing in New York City.

1976, Kathryn Henjum placed in the National final auditions.

A number of others who placed in our district or regional competitions are performing with local opera companies or oratorio societies.

When the excitement and tension surrounding the Metropolitan Opera auditions at Northrop set in, it is evident that "the MET is in town." What is even more stirring is the knowledge that this same electrifying situation is being repeated across the country; for all auditions must be completed within a minimum of two weeks prior to the semi-finals in New York.

Though the possibilities for prize money and other opportunities are many, perhaps one of the most important benefits is the singer's opportunity to test her/himself among her/his peer group. Her/his standing there can indicate quite clearly her/his potential, as well as her/his needs for study and work to achieve an operatic future.

Campus political involvement came after this 1927 class member graduated

When

the Class of '27 comes to town for its 50th Reunion on June 6, members will find Russell E. Backstrom '25BME '27MSME, co-chairperson of the reunion committee, waiting at the registration desk in Coffman Memorial Union.

On a subzero day in January, he spoke of plans for that reunion, leaving the final details for an upcoming article on his co-worker Helen Kiesner Riley.

Luncheon for the Class of 1927 in the Union at 12 noon follows the 11:00 a.m. registration. There is no planned program other than official greetings. When the microphone is passed, members will have a chance to identify themselves.

Later, a bus will take them on a campus tour with a final stop at the home of University President and Mrs. C. Peter Magrath, for tea.

A social hour at the University of Minnesota Alumni Club in the IDS Center, Minneapolis, will be at 6:00 p.m., with dinner at 7:00 p.m. Brief remarks will be made by former Minnesota Governor Harold E. Stassen, Gladys Haugen, immediate past president of the Federated Women's Clubs of America, and Roger Wheeler, Gopher football great — all members of the Class of '27.

Backstrom

came to the University of Minnesota as a freshman from Saint Paul Central High School and entered the College of Engineering. However, he spent the next two years in El Paso, Texas, when his family moved there, taking basic technical courses at the Texas School of Mines before returning to Minnesota.

Changing colleges makes participation in extracurricular activities difficult, but Backstrom recalls the

campus social life and the parties after football games at fraternity and sorority houses (he belongs to Triangle Fraternity where most members are in engineering). It was a time when the Big Bands played for the Junior Prom and Senior Ball.

It was also a time when engineering students spent more hours on books and in labs than in campus politics. Backstrom's scholastic efforts earned membership for him in a number of national honor societies: Pi Sigma Tau, mechanical engineering; Tau Beta Pi, engineering; and Sigma Xi, science.

A real involvement in University politics came for Backstrom in the mid-'30s, after he had received his master's degree. At that time the University's College of Engineering was a highly respected school as the Institute of Technology is today. The faculty was excellent. Civil, as well as electrical and mining engineering had new buildings, but mechanical engineering was overlooked. Aeronautical engineering classes were new to the curriculum and were crowded into whatever quarters were available. College of Engineering Dean Leland and then Lind and faculty members were not able to persuade the Regents to go to the Minnesota Legislature for money for more new buildings.

"Harry Gerrish '05BME interested a few of us in a project to promote engineering," Backstrom said, "and we organized the alumni."

Backstrom became chairman of the Mechanical Engineering committee and alumni from each of the other engineering departments also formed committees. Gerrish was overall chairman.

"We decided to concentrate on a building for mechanical and aeronautical engineering," he continued. "Our reports were effective and the Regents did request funds from the Legislature. However, at that point it was obvious that our work had just begun.

"We button-holed senators, lobbied representatives and attended committee hearings. Finally, after four years and two legislative sessions, the funds were appropriated. But WWII prevented construction.

"Now we need to expand the facilities," he said.

"We gave similar support to the University for the chemical engineering building which was constructed in 1950. I continued to work with the Institute of Technology committee and was elected its chairman in the '50s," Backstrom said.

Those

College of Engineering experiences brought him to election to the board of directors of the General Alumni Association. He was named the Association's national president in 1960.

Backstrom was asked about problems that confronted the alumni board at that time:

"Office space in Coffman Union was too limited for the work of the Alumni Association, but the University couldn't find any other place for us," he said. "We talked about an alumni building similar to those on other Big Ten campuses, but the University needed space on both sides of the river and we couldn't do much about a building.

"The football team made its first trip to the Rose Bowl while I was president, so, of course, I went to

Russ Backstrom looks forward to 50th Reunion on June 6 . . .

Photo by Paul Wychor



RUSS BACKSTROM, from the University of Minnesota Class of 1927, is co-chairing that group's Golden Anniversary Reunion this June.

Pasadena," Backstrom recalled. "I also traveled around the state and beyond with Ed Haislet, visiting alumni chapters — Tucson was one of them.

"When I finished my term of office, I was given the Alumni Service Award," he said.

Backstrom

used his engineering degree in his career. In 1927 he went into research with the Wood Conversion Company at Cloquet, Minnesota. Weyerhaeuser organized this company to develop and market so-called "waste" from its lumbering and paper-making operations in northern Minnesota.

Once established, Backstrom married Helen Parker '25BS who had studied interior design and architecture at the University. In 1930 they went to Washington, D.C., where he served on Herbert Hoover's national committee on wood utilization, an ecological group of specialists in different areas of wood uses, such as home building, wood furniture, chemicals, insulation made from wood fiber and so forth, who studied the complete use of the tree. Backstrom was a specialist on insulation and authored two government books on the subject.

Three years later he returned to the Wood Conversion offices in St. Paul, where he was involved in technical writing, product development and various phases of sales management at the district and national levels. The name of his company was changed to Conwed Corporation about 10 years ago.

Backstrom retired in 1968 after 41 years with the corporation. With time on his hands he went into a new business — helping a manufacturer's representative who handles accounts for office supplies and furniture.

The three Backstrom sons are Minnesota alumni, too: Donald is a Minneapolis attorney, Richard manages the E. J. Longyear Brazil operation and Douglas is assistant national manager of brokerage sales for International Multifoods in Minneapolis. — Wilma Smith Leland



Gymnastics is Katalin and Gabor

It's January 14. The Gopher women gymnasts are warming up for the third scheduled meet of the season with Bemidji State University here in Williams Arena. What is usually a basketball playing area— with giant electronic scoreboard suspended from the ceiling — has been transformed by the addition of mats, a beam, vaulting equipment, bars and scoring stands, into an arena for a gymnastics competition . . .

Minnesota's gymnastics team has been riding the crest of victory since last season (1975-76) when they took the state championship from rival Gustavus Adolphus of St. Peter, Minnesota. And the main reason for this success, after years of obscurity, is the dynamic duo at the helm: husband-and-wife coaches Gabor and Katalin Deli.

Since the Delis came to Minnesota — and America — four years ago, the University of Minnesota gymnasts have consistently qualified as a team for regional competition. In 1975, after capturing the state title, they then qualified for the national meet by taking third place as a team at regionals. The squad also captured third place at the prestigious Big Ten Championships.

Without a doubt the change in fortune has come through the expertise and dedication of Katalin and Gabor. Hungarian-born, both competed nationally and internationally for the Hungarian National Gymnastics Team. Married in 1970, they came to Minneapolis — as waves of countless immigrants before them — to find a better life. Luckily,

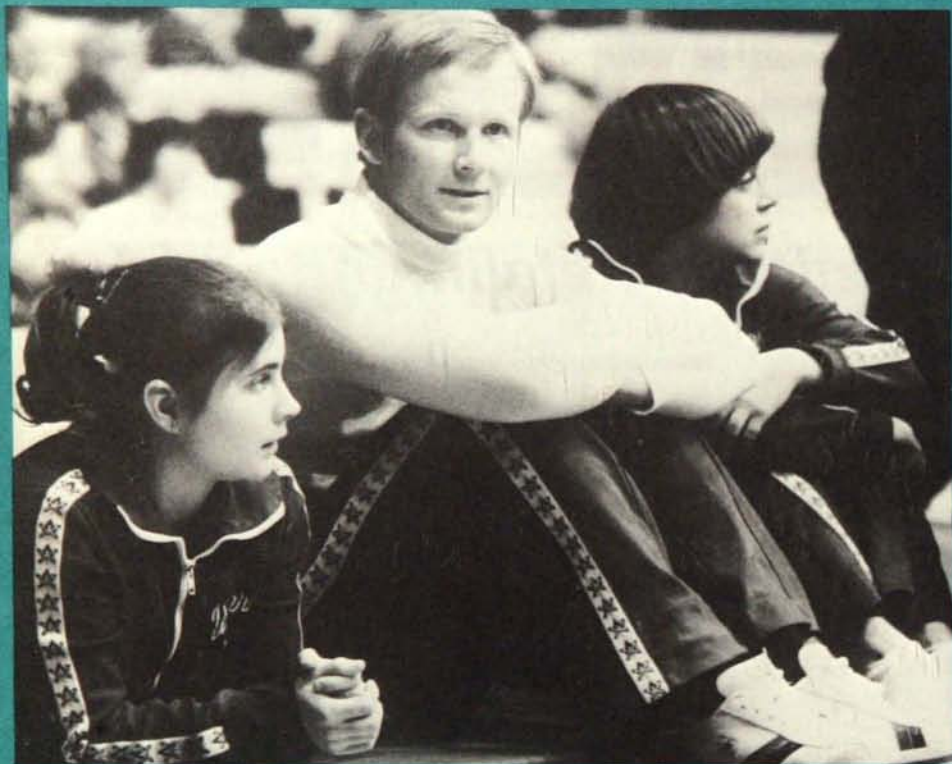


relatives in Minneapolis and the intervention of Senator Hubert Humphrey helped them make the voyage.

. . . Warmup is over and the meet begins. All the intense training and preparation will pay off. The young women watch eagerly as their colleagues compete on the balance beam, uneven bars, vault and in the floor exercise.

At the end, an exhilarated Gopher team has dominated the event and soundly beaten the Bemidji squad. Gopher Bonnie Berning has taken first place in all-around, bars and the floor exercise. Ribbons are awarded to the winners.

Even as the meet is ending, Katalin approaches one of her squad members with suggestions to improve a routine. And its "back to the drawing board" until the next competition . . .



Gymnastics is a family affair for the Delis – who include Gaborka (little Gabor), 5, and Gergely, 3.

The dedication of the Delis is evident in the work and reactions of the athletes – from warmup to performance.





*University of Minnesota
women gymnasts are
prospering – and producing
winners of prestigious events.*





Faculty Profile

Vivian Barfield, Director Women's Intercollegiates

Vivian

Barfield, who feels that athletics are among the greatest freeing experiences available to women today, is working to make the University of Minnesota Women's Intercollegiate Athletics program one of the top 10 in the nation.

The new director has already made Minnesota's leadership known in the field: since she came to the University in September 1976, her department has hosted one of the segments of the NAGWS* National Coaches Conferences which featured Mary Jo Peppler, considered the world's best female volleyball player, and Sue Gunter, assistant coach of the women's Olympic Basketball Team; sponsored a regional volleyball tournament; and, in March, will host the National Collegiate Women's Basketball Tournament.

The women are also active in the fund-raising sector, boosting the Patty

BOA AT BIERMAN

University student CeCe Cox, a member of the Gopher women's track team, visited Dr. Vivian Barfield, director of Women's Intercollegiate Athletics, this November with a special friend. She brought along a boa constrictor that she became acquainted with in her high school biology class.

"The snake knows me," CeCe said. She brought the snake to class on the University campus for a "show and tell" project. CeCe transported her in a sack since snakes can become chilled.

Although Dr. Barfield's initial reaction to the new visitor was particularly tentative, they soon became close friends. (Photos by Pam Smith)

Berg Fund, named for a Minnesota alumna who has contributed more to women's professional golf than any other woman. The Women's Intercollegiate Athletics department were co-participants with Men's Intercollegiates in the Annual Fall Winetaster and, in February, worked with the local Gamma Phi Beta Alumni group to stage a successful champagne brunch for scholarships.

() National Association for Girls & Women in Sports*

Women athletes are making it go at Minnesota

The women's department has joined an enthusiastic assemblage of community leaders, headed by former city councilwoman Gladys Brooks, on a Steering committee for the Patty Berg Fund and hired a part-time fundraiser in Kathy Kelly, former University of Minnesota student body president.

"We were given \$20,000 for scholarships this year by central administration, but asked to limit our scholarship recipients to sophomore, junior and senior students," Barfield said.

"Once we have shown a capability to generate money for scholarships, the University administration wants to hear our suggestions for a scholarship program and is willing to reconsider its current posture toward us. And I think this is super!" Barfield exclaimed.

Athletics for Women (AIAW) also imposes restrictions on the scholarships given to women athletes at Minnesota. The AIAW limits the number of grants in aid that can be given in each sport, so that Minnesota's total is 105 (in comparison, the NCAA allows the men's program to give 95 scholarships in football alone). *Yet, and more importantly, women's grants in aid are based on financial need.*

"This is where we really differ from the men's program," Barfield said. "And we haven't been able to give out all of the money we have available because the need factor doesn't exist among all of our athletes.

"Most women who are currently athletes come from backgrounds that can support their athletic endeavors. Look at the women tennis players. By

Barfield

is happy with the constraints that have been placed on women by their national intercollegiate organization. "They prevent us from going in some of the directions that the men have gone," she said. "I believe the men should begin to look at the model the AIAW is setting and see where they can tie into it nationally to help put athletics back into the educational community."

She does not foresee a merger of the men's and women's national organizations, particularly since the women don't want to be "swept under the rug without full consideration given to what they are trying to do in the athletic world."

In fact, Barfield feels that the Uni-



The attitude of University administrators is one of the major reasons why Barfield came to Minnesota: "I found that principles were not only something you could stand on at the University of Minnesota, but also something you could act on," she said.

The Association of Intercollegiate

the time they get into a college, their families have probably spent as much as \$10,000 on their tennis activities.

"We need to get out and spread the word that these scholarships are available so we have a greater pool of women athletes from which to select," she said.

versity of Minnesota's men's and women's programs, when it is considered what they are really all about, and with a great deal of openness and dedication, could put together a national model of cooperation for other schools to follow.

"My principal concern as an ad-

administrator is how to put women's intercollegiates into an academic context," Barfield said.

Even though the University may determine through administrative actions whether or not the women's program should be "owned by the community," Barfield wonders if there is any University program that is really immune from community control. "We belong to the public to some degree," she said, "and they want us to be ethical and principled and protectors of youth's privileges and rights."

"I would like to see the same kind of enthusiasm that exists in Iowa for women's basketball here in Minnesota, yet the people in the community must first know that what they are interested in is meritorious."

When

asked about parity between the men's and women's programs, Barfield said that her immediate interest is not so much in achieving overall budget par-

"If we have a swimming team that can compete against Big Ten schools and others of that caliber, are we permitted to schedule these competitions? These are the parallels I want to achieve."

"The realization of what women athletes should have is changing rapidly and changing in such a way that it should break out more dollars for women's programs," she said. "As to whether the women's programs need as many dollars as the men have . . . I don't know."

Even though the women's budget for intercollegiates rose from \$7,900 to \$312,000 over the past biennium, budget responsibilities have also shifted at the University so that those expenses for women's intercollegiates which had been a part of other University units, such as the coaches' salaries that had been paid by the Department of Physical Education, have now been clearly identified and provided for in the Women's Intercollegiate \$312,000 budget. Consequently, the budget increase was not as dramatic as it may have appeared.

want alumni to know about our program and our athletes and coaches.

"We have our share of the cream of the crop of women's coaches here," she said. "Three of them are professional athletes."

And, like Barfield, all of the coaches are extremely dedicated individuals, most working on part-time appointments, yet coaching teams and individuals that are achieving national recognition and All-American ratings.

Vivian

came to Minnesota from the University of Massachusetts where she had been assistant director of athletics. A native of Houston, Texas, she credits her son and daughter with the encouragement and help she needed to resume her college education 10 years ago.

"My children are the two best teachers I have ever had in life," she said.

Barfield initially attended college at Mississippi Junior College and spent



ity as it is in making sure that the women are permitted to schedule team and individual competitions at the same competitive level as the men are.

"We have an excellent and growing program for women at Minnesota," Barfield said, "and one that will be among the finest in the nation. We

one year at Mississippi Southern before marrying and putting her education aside to raise a family. Several years
(Turn to page 25)

Barfield, from page 24

later, when she found herself a divorced mother of two in need of a job, she realized that she had been very good in sports in college, and for the sake of expediency and rather than take a lot of courses to satisfy new requirements, went into physical education.

After earning a bachelor's degree in 1966 from the University of Houston, she went on for a master's while working days as a physical education teacher in elementary and junior high schools. She received a master's in education in 1969.

Barfield then pursued doctoral studies at the University of New Mexico in Albuquerque while on a graduate assistantship in health, physical education and recreation. She also worked as a substitute teacher in the Albuquerque school system.

She received her doctorate in 1972 and joined the staff of the Colorado Women's College in Denver for three years to direct its summer sessions and sport and recreation programs, while serving as an assistant professor in physical education and allied health. She joined the Massachusetts staff in 1975.

Barfield says that education has been the "most constant thing in her life," a constancy that holds her ambitions for women's intercollegiate at Minnesota in excellent perspective.

Letters, from page 3

Thank you also for calling the Annual Meeting of the Minnesota Alumni Association in June to my attention. If it should be at all possible for me to attend, I will certainly do so with much pleasure.

In the meantime, please convey my thanks again to all the fellow Alumni who made our recent visit to Minneapolis such a pleasant one.
Rudolph Pariser '50PhD
Director, *Pioneering Research*
E. I. du Pont de Nemours & Company
Wilmington, Delaware

(Editor's note: Dr. Pariser received the University of Minnesota's Outstanding Achievement Award at the Annual Meeting of the Institute of Technology Alumni Association on the date he mentions in his letter.)

Shared reflections on alma mater

It is highly unlikely that my employer — a state-supported institution of higher learning — will match my most modest gift to you (the University of Minnesota Foundation). I don't know why I am writing you at all. Perhaps it is because since you couldn't care less you hardly have to care more. But I have — to coin a phrase — such a soft spot in my heart for the University of Minnesota that after 30 years nearly I still wake up dreaming that I am walking into Folwell Hall.

I am sure that you know it, but I want to confirm you in your knowledge that you are working in behalf of a wonderful school. If *alma mater* still connotes generous acceptance then no place deserves the appellation more. I wish to commend with special gratitude Drs. William Howell, Donald Smith, Theodore Gilkinson (deceased) and a man named Fletcher, whose first name my memory cannot supply — superb teachers all and gentlemen.

Through association with these men and other no less worthy or memorable, I long ago received the unshakable conviction that the University is a place of learning with a heart as big and open as the great state it so nobly represents.

Please do not look for an "angle" in the evocation of these encomiums; there is none. A fairly rewarding life as a teacher has brought me into the autumn years with no more of the uncertainties than beset others of like age. Not everything has been utopian. However, I cannot resist the compulsion to make this acknowledgment, and even though I realize that you are essentially a business office chiefly concerned with accumulating funds for the on-going administration of practical affairs, I choose to send my message to you. Perhaps even in this institutionalized world, we would all be better off for saying "Thank you" now and then.

I wish you and the University every success in all of your enterprises.

Robert J. Hogenson
Proud Alumnus '51MA
Big Rapids, Michigan



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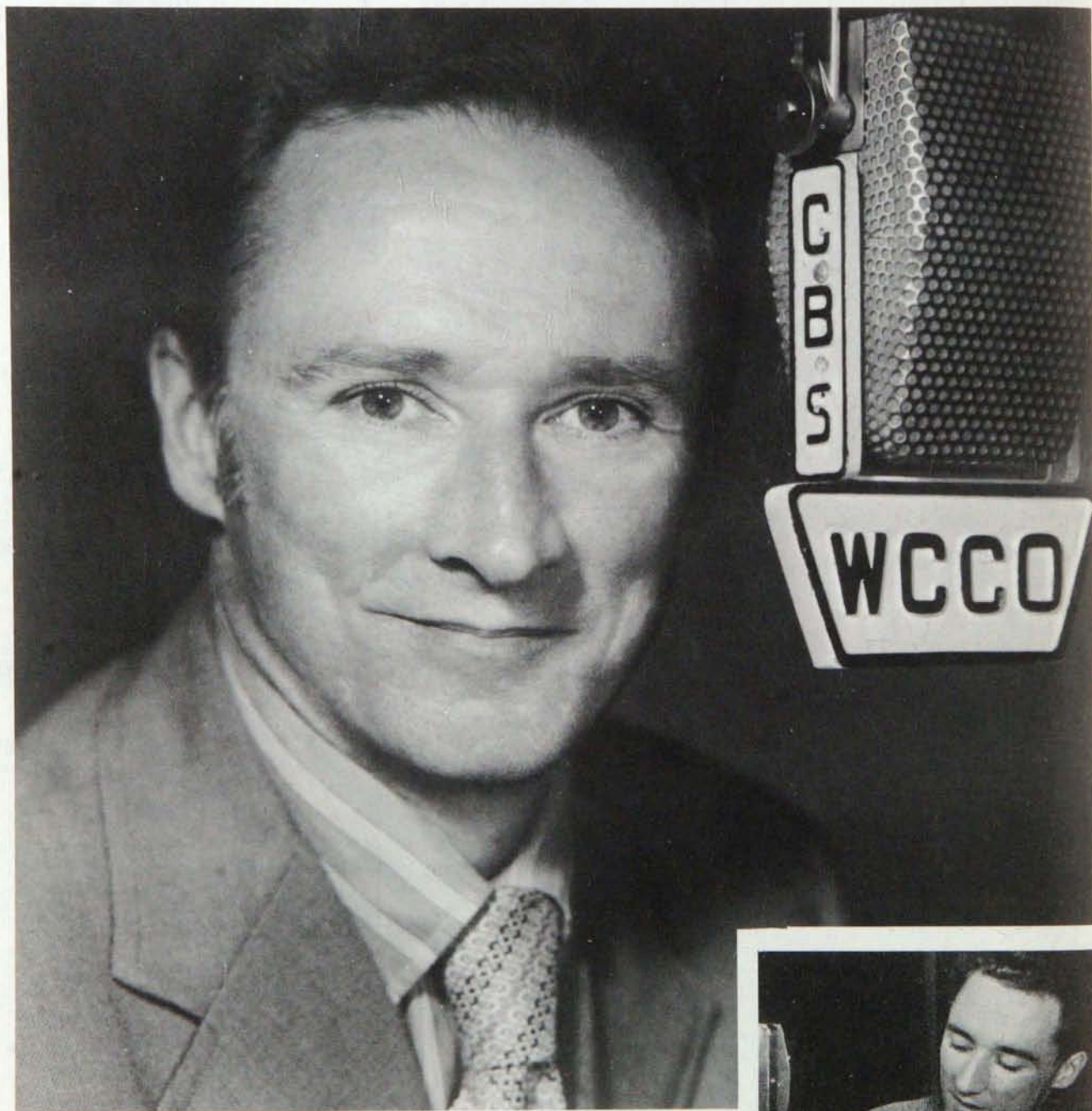
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*Remember the men and women
who have kept and keep the University young*



ALUMNUS RAY CHRISTENSEN, popular WCCO Radio announcer, feels that his whole life has been centered around the University of Minnesota. He told a banquet meeting of Pillsbury Fellows this fall that you don't have to take a class to learn from the University, you just have to open your eyes and ear, and your pores, to absorb what it has to offer. The inset is from the 1949 Gopher, showing Christensen as a student announcer at KUOM.



The following remarks were delivered by Ray Christensen '49BA, well-known University alumnus and broadcaster for WCCO Radio, at the University of Minnesota Foundation's Pillsbury Fellows Dinner in late 1976.

Christensen is known as an unusually versatile radio announcer who does equally well broadcasting big league and college sports, semi-classical music programs or moderating a debate between political candidates. According to the biographical material released by WCCO, he cannot be typecast as a sportscaster, though he does handle the play-by-play of University of Minnesota football and basketball on WCCO Radio. Nor can he be called a "host" in spite of the excellent job he did conducting the station's all-time favorite quiz show, "Honest To Goodness."

Christensen apparently can do anything well, and has done just about everything at one time or another on WCCO Radio.

. . . I feel my entire life has been centered around the University of Minnesota. As a baby, I happened to be one of many tested by the Child Growth Studies of the University — an every-five-year testing that gave me high intelligence grades, which embarrassed me then, but which I appreciate now.

I was one of the post WWII freshmen, and those were the best of all days — I had dreamed of going to the U throughout combat in Europe, and so had thousands of other returning veterans, and we had a collective thirst for knowledge that excited me.

There is a saying that "old universities never die, they only lose their faculties." I feel its faculties have kept the University of Minnesota young. . .

I had a speech class from Dr. Frank Rarig — there is a building named after him now. It was one of the last classes he taught at the University, and I've forgotten its name, but I'll never forget Dr. Rarig. He helped me lose many of the inhibitions that exist between the mind and the tongue. He was sharp, and he tolerated nothing but complete attention — and deserved it. Toward the end of a class hour, some-

one in the extreme front right corner of the room would sneak a look at his watch. Dr. Rarig, looking at the extreme rear left corner of the room would finish his sentence, pause, then ask, "Does it need winding, Mr. Martinson."

Dr. E. W. Ziebarth was (another) early teacher, and later I assisted him in his classes. He made it possible for me to teach radio speech and radio drama in the General Extension Division, an experience I have never forgotten. He has done more for me in my field, through encouragement, knowledge and example than any other person.

Dr. Lennox Mills taught one of my political science classes. I remember him as being about five feet tall. He had a British accent and was remarkably organized. The bell rang. His lecture began. He finished his last sentence a split second before the final bell rang. I always felt his lecture triggered the bell.

In the winter he wore a beaver hat that jutted up from his head a good foot or so, and he always carried long rolled-up maps in cases — round cylindrical cases — and they jutted up above the beaver hat by at least three or four feet more. When classes changed, and it was crowded then as now, you would know Dr. Mills was in the middle of that sea of humanity by the beaver hat and the extended maps that emerged above the crowd. It looked like a fur-covered enemy submarine.

I had a humanities class from Saul Bellow. He had a great reading list, and I was grateful to him for that, but he had some trouble in his oral presentation. He said at the time that he was considering doing more writing. Now, he has won the Nobel Prize for Literature.

Men such as Dr. Rarig, Dr. Ziebarth, Dr. Mills and Saul Bellow have left their stamp on me. Perhaps some of what I say, perhaps some of what I decide not to say, perhaps in being able to make that choice, is the result of their combined influence.

I was

extremely fortunate in becoming chief announcer at KUOM, the University of Minnesota radio station, while I was attending the University. I had a marvelous combination: I was studying there to become a radio announcer and I was working and being paid as a radio announcer at the same time.

At KUOM there was a budget for one and a half announcers — I was the one. At the same time I acted in, directed and wrote innumerable radio plays. I did characters ranging from Maxwell Anderson's George Washington to Betty Gurling's Robert the Tired Rabbit. Often I worked 16 hours a day and I loved every minute of it.

And I discovered there were people listening.

One afternoon an engineer was on his hands and knees in our large studio, checking out a problem of some kind. His name was Ken Matsumoto. A second engineer decided to play a small trick on him. He sneaked into the control room to the studio and, remaining hidden, pushed the talk-back button and said, "What the hell are you doing down there, Ken?"

What he didn't realize was that the studio was live and the comment made its way out over 770 kilocycles, 5,000 watts, over a normally sedate station.

What thrilled me was that we received several calls and letters, not protesting, but asking "What the hell was Ken doing down there?"

I think my one-on-one relationship with a radio audience came of age with that accident.

I remember, in the early 1950's, doing an experimental television broadcast. KUOM produced it, there was no channel 2 then, and it was carried over a commercial channel. We did it at the School of Mines, overlooking the railroad tracks, down behind Pattee and Burton Hall. I was the announcer, and I wandered from one mock set-up to another, learning from Dr. E. W. Davis about some idea he had for getting more iron ore than seemed reasonable, through a process called "taconite." I hardly realized the future of taconite when I did that broadcast, but Doc Davis did.

Through

the years I have worked at WLOL, where I was primarily a sports broadcaster, and, in 1963, (I went) to WCCO, where, fortunately, I am given the chance to do a little of everything — to interview some of the most fascinating people in the world, to do characters not too different from Robert the Tired Rabbit, to broadcast sports, to moderate controversial programs, to narrate classical concerts and a great many et ceteras.

And the University of Minnesota connections never end. The guests I meet and interview for WCCO so often have University roots — in the last year, Norman Borlaug, Walter Mondale, Gisela Konopka, Harrison Salisbury, Jeannette Piccard, Eric Sevareid.

The sports events have always included University of Minnesota football and basketball. Here, I have been so close to the University that I am occasionally too partisan. But the University has taught me so much that I feel my objectivity still holds sway over my partisanship.

My music background is rooted almost entirely at the University and at KUOM. The station itself was a classical station, and I was able to surround myself with concerts that were always available. When Mercury Records recorded the Minneapolis Symphony Orchestra, I was permitted to be general flunky, but a general flunky who soaked up knowledge. So much of the knowledge came through such an osmosis, but what a privilege to have it there at my fingertips and pores, ready for the soaking up.

May I add, too, that I met my wife at the University, at the Radio Guild at KUOM. . .

Even

today the University is a constant source of information to us at WCCO, but, I think more important, to everyone. As a family, the Christensens rent a double plot of land from the University at Gibbs Farm immediately north of the Saint Paul campus. For \$8.00 we plant corn and squash, potatoes and beets, tomatoes and onions, and we learn a little more about what the farmer goes through, on a much larger scale.



E. W. ZIEBARTH, among Christensen's early undergraduate teachers, made it possible for him to teach radio speech and radio drama in the General Extension Division, and, according to Christensen, did more for him in his field, "through encouragement, knowledge and example than any other person."

When we have questions, the University is an invaluable source. We still attend concerts at Northrop. We still visit the Museum of Natural History. We still attend plays at the University Theatre, although now they're performed on the West Bank, which was a place people went to drink beer when I was an undergraduate.

Most important to us now is that our oldest son is a sophomore at the University, in the Institute of Technology, and through him, we re-live many of our memories. He also plays in the University Symphony Orchestra, which is rewarding to me. The University's music program — and I have emceed several concerts with Dr. Benicuccio's bands and ensembles — has generated some of the greatest college spirit that I have ever shared, anywhere.

. . . Just

as the University has been close to me in so many ways, and continues to be close, so surely you must be able to relate, in your own way, to some of my experiences. Only, as Pillsbury Fellows, you do more than experience. You shape the future.

We are in a social and technological explosion, and if we are to keep up with it, we must turn to the University for the people, the experience, the knowledge, the facilities to cope with it and grow with it.

You shape the future through the teachers, permanent faculty and special guest faculty, you make possible. This University will never lose its faculties — those teachers will continue to teach and to influence others like you and me.

Culture will remain and grow as a vital part of our lives — a reminder to stop and hear a bird call or a clarinet solo, to see a sunset or water color.

Business and government have reached a stage where I'm not sure which will control which. But I am sure that the University will prepare people who will occupy key positions in business and government and will help us progress on a local, state, national and world level.

As we push to the future, we must never forget the past, for it is still our guide to what lies ahead, both the pitfalls and the promises. And the University continues to explore the past, archaeologically and in other ways, to give us that guidance.

We have grown incredibly in the field of medicine, but there are still so many unanswered questions. The University is a leader in the drive to answer such questions — its leukemia research is an excellent example.

But most of all, as Pillsbury Fellows, you provide for our most valuable resource — the human mind. The incredible, beautiful, inexhaustible human mind. Through scholarships, as a direct help, and through many other ways, you enable such minds to move forward, not sit, to think, not stagnate, and this is the greatest contribution of all.

... The University reaches out to every member of the community with its knowledge. You don't have to take a class to learn from the University — just open your eyes and ears and, yes, your pores, and absorb what it has to offer.

The Twin Cities are rich in industry, original industry, begun here and flourishing here, industry that started because of the University. The same is true of the arts, of sports, of people living in the Twin Cities, in Minnesota, because the University is a solid center for the community they chose.

I mentioned the beaver hat and the rolled-up maps of Dr. Lennox Mills that were thrust above the crowd on cold, winter days so you knew he was there. So, you know the University is there. It has an understanding State Legislature, without which it could not exist. But to thrust its way above the crowd, to achieve a margin of excellence which separates it from other institutions, requires the kind of help you give.

The margin of excellence, that tall beaver hat and those rolled-up maps, that is the shape of the world to come. That is the challenge of the University of Minnesota, a challenge it can grab on to, because of you.

The next time you sing "Hail, Minnesota," will you project the words "a beacon bright and clear" a little more than usual. That beacon reaches out to the house next door and to the hospital halfway around the world. It is a Northern Star of warmth, of friendship, of knowledge, of curiosity, of excitement and of great personal values.

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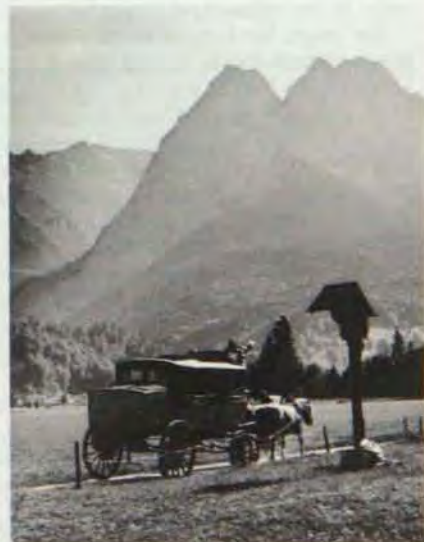
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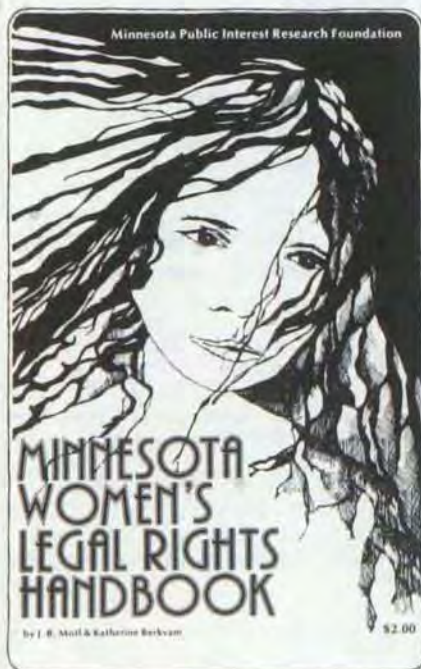
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Legal Rights Handbook will help Minnesota women

The Minnesota Public Interest Research Foundation recently published a handbook for Minnesota women and for those concerned with the legal rights of women. The *Minnesota Women's Legal Rights Handbook* (\$2.00) combines practical advice with a comprehensive guide to Minnesota's laws on employment, marriage, divorce, education, health, finance and rape.

The *Handbook* makes a distinction between what Minnesota laws literally provide and what the actual practice is under those laws. Information provided in the *Handbook* is especially important today because the laws concerning women's rights have changed dramatically in recent years.



As a further aid, legal citations for the laws and legal cases referred to in the text are included in footnotes as a ready guide for women and for lawyers who have occasion to work in the area of women's rights.

The *Handbook* was written by Jonathan R. Motl '70BS, with assistance from Katherine Berkvam. Both have been active in public interest issues for several years. Berkvam's work on the publication was done while she was a student intern for the Minnesota Public Interest Research Foundation.

The Foundation believes that this *Handbook*, the first of its kind focusing specifically on Minnesota law, should serve the needs of women in Minnesota. Copies can be ordered from the Minnesota Public Interest Research Foundation, 3036 University Avenue S.E., Minneapolis, Minnesota 55414. Quantity discounts are available.

A funny Rogerson at bay

The publishers of Ralph McInerney's ('52MA) latest novel, Harper & Row, claim it to be "one of the funniest novels to appear in ages." Maybe *Rogerson at Bay* (\$8.95) is that funny. However, we can't claim, as the *Chicago Tribune* did, that it is also serious.

Rogerson is 47, afflicted by middle age and too long tenure in humanities at a small Ohio college that is part of a larger university system. McInerney uses him to take pot shots at administrators, faculty union organizers and middle-aged married women who, like Rogerson's wife, get steamed up over adult education and those who teach such subjects. Rogerson has a tendency to moralize.

He keeps his tongue in his cheek at least part of the time and has a bad time of it the rest of the time. He suffers from prostate trouble and a parent's failure to have him circumcized as an infant. He has visions of cancer. His fictional surgeon is no one I know in the medical field — but perhaps McInerney knows one like him in South Bend. Rogerson's Dr. Heep is willing to trade his services to Rogerson for editorial work on a manuscript that is complete with illustrations of successful surgeries.

Rogerson's world falls to pieces when his wife and children leave to spend the summer in the cottage she has inherited and he stays behind to teach Milton in summer school and, without her knowledge, to have the surgery.

Having had "lust in his mind" and a delayed adolescent yen to experiment with drugs, he gets into a sorry fix. It is funny and perhaps a little silly.

The longer-than-four-letter obscenities in the conversations of faculty and administrators did not leave me laughing. Perhaps it is all a part of the caricature this professor of philosophy at Notre Dame has created. — WSL

Haycraft receives special Centennial Citation

A Special Centennial Citation was presented to Howard Haycraft '28BA, chairman of the board of H.W. Wilson Company, in New York City this past summer during the Centennial Conference of the American Library Association (ALA) held in Chicago.

Haycraft has been with H.W. Wilson Company since 1929. He served with the U.S. Armed Forces as a captain and major. Among his many honors, he has received the University of Minnesota's Outstanding Achievement Award, and the Francis Joseph Campbell Medal and Citation of the American Library Association. He has served on the Round Table on Library Service to the Blind and is a member of the President's Committee on Employment of the Handicapped.

The Centennial Citation presented to Haycraft reads in part:

"Howard Haycraft has given a lifetime of devotion to books and libraries. In over forty years of service to the H.W. Wilson Company he served successively as assistant secretary, vice president, president and chairman of the board of this publishing company whose reference works and indexes have made a major contribution to the improvement of library services to the ALA's first century. Under his leadership Wilson indexes have consistently increased their coverage and expanded their scope. With others he edited such familiar works as *British Authors of the Nineteenth Century*, *Junior Book of Authors*, *American Authors, 1600-1900* and *Twentieth Century Authors*.

"As author, editor and compiler Howard Haycraft has produced works as diverse as *Murder for Pleasure: The Life and Times of the Detective Story*, *The Art of the Mystery Story* and *Books for the Blind: A Postscript and An Appreciation*. The variety of his interests and the competence he brought to their study have brought him such honors as the Edgar Allen Poe Award for criticism from the Mystery Writers of America, the Outstanding Achievement Award from his alma mater . . . the Francis Joseph Campbell Citation for outstanding contributions to library service to the blind and election to honorary membership in the Special Libraries Association. He has served as director of the Forest Press, as a member of the President's committee on Employment of the Handicapped, as president of the Mystery Writers of America, and as chairman of the ALA Round Table on Library Service to the Blind . . ."

An illuminated portrait of a great-hearted man

"A truly penetrating story of a persistent idealist, and William Swanberg '30BA is the ideal person to tell it," writes Louis Untermeyer of *Norman Thomas: The Last Idealist* by Pulitzer-Prize-winning Swanberg. (The title for this review is also drawn from an Untermeyer statement.)

Norman Thomas, which was published by Charles Scribner's Sons in November 1976 (\$14.95, photographs), is the first full biography of the great socialist leader and contains material never before available.

Norman Thomas ran for president of the United States six times, yet the only election he ever won was to a New York school board. He was a socialist who criticized labor unions, a Presbyterian minister who died an agnostic. He was a man of integrity and courage and a man ahead of his time. He lived to see many of the programs he espoused become law. He was also a man of great wit and charm and an eloquent speaker.

In *Norman Thomas: The Last Idealist* Swanberg examines his career, his ideas and his ideals. He writes of Thomas' early days in Marion, Ohio, his student days at Princeton, his time as a clergyman in New York's slums, his marriage to Violet Stewart and his emergence as America's foremost socialist leader. From both a personal and a political perspective, he looks at Norman Thomas, the man who became "the voice of America's conscience."

The book has received extraordinary acclaim since its appearance: Louis Untermeyer also said that it is "comprehensive and compelling, direct and dramatic, (fulfilling) every promise of an important biography."

"Mr. Swanberg has helped us to see why Thomas could lose every election by accumulating a vast following . . . And there are fascinating glimpses of Thomas the private man. Altogether a readable book," according to Joseph P. Lash.

"A heart-winning, provocative and exciting portrayal of the man often called America's Conscience. Every American concerned with justice and freedom should read this book," said Harry Fleischman.

And, in *Publisher's Weekly*, "Its value is considerable. Swanberg portrays Thomas's career in its full scope."

Swanberg is internationally renowned as a biographer and historian. He won the Pulitzer Prize in 1972 for his best-selling *Luce and His Empire*. He is also the author of two other



WILLIAM SWANBERG '30BA, a Pulitzer-Prize winning biographer and recipient of the University's Outstanding Achievement Award, has recently been acclaimed for his newest effort, Norman Thomas: The Last Idealist.

best-selling biographies: *Citizen Hearst* and *Pulitzer*. His other books include *The Rector and the Rogue*, *Dreiser*, *Jim Fisk: The Career of an Improbable Rascal*, *Sickles The Incredible* and *First Blood: The Story of Fort Sumter*.

Swanberg, who was born in Saint Paul, has contributed articles and reviews to many periodicals, including *Life* and *The New York Times Book Review*. He now lives in Newtown, Connecticut.

Is there life after death?

University of Minnesota Professor Mulford Q. Sibley has explored the questions raised by many believers in the supernatural about whether there is life after death.

A political science professor, Sibley is interested in para-psychology, the study of phenomena such as telepathy and extrasensory perception, which are not explained by scientific laws.

He has summarized in a book some of the issues raised by para-psychologists who believe there is life after death of the physical body.

This book, *Life After Death?*, is the first in a series of publications on psychic explorations for junior and senior high school readers published by Dillon Press, Minneapolis (\$6.95). Sibley is general editor of the series.

"One of the hardest things to do in the study of life after death," Sibley wrote, "is to keep an open mind." This problem, he said, is common to the study of all psychic phenomena.

"Many of us desire to believe that we do indeed survive, and so we do not see the problems involved in proving it. Therefore, we tend to be what people call gullible — that is, we are easily deceived."

"On the other hand, many of us do not see how survival is possible, and therefore, we throw out with little examination any evidence that might exist," he wrote.

People who believe solely in scientific explanations are not the only ones to rule out the possibility of a life after death, but some parapsychologists can use their extra-sensory explanations to refute evidence of survival, Sibley said.

"Many think that alleged evidence for survival is not sufficient, or that it can be explained by methods which do not involve survival, such as clairvoyance," he wrote. "Clairvoyance is the capacity for perceiving physical events in a para-normal way or without the use of physical eyes."

The book discusses, without drawing conclusions, the possibility of ghosts and apparitions, "out-of-the-body" experiences, materializations, automatic writing, mediums and reincarnation. These methods, along with dreams, often have been cited by believers as ways people from beyond the grave have attempted to communicate with people still living, Sibley said.

"We live in a mysterious world," he wrote, "and the more we seem to know about it, the greater the mystery appears to be." — BH

Every Woman is a Winner

By Dru Ann Hancock, Women's Intercollegiate SID



A SURPRISE this season for Women's Intercollegiate Swimming coach Freeman has been the marked improvement of the breaststrokers. Freshman Marty Bopp has set pool and varsity records in the 50 yard and 100 yard breaststrokes, while three other swimmers are just off the record mark. (Photos by Pam Smith)

A special kind of dedication is required to excel in the sport of swimming. Practices are long and difficult, building endurance can be painfully tedious, and the gratification of improving one's own best time is very much an individual experience. Perhaps it is exactly that feeling of achieving a goal "by yourself" which separates a mediocre swimmer from a great one.

Whatever the motivation, Gopher coach Jean Freeman has assembled a team of talented, dedicated swimmers who have compiled an unblemished 10-0 record this season. Three All-American performers (senior co-captain Terry Ganley, senior Cheryl Swanum and sophomore Cindy Anderson) have been challenged by freshmen to make the squad even more competitive. Coach Freeman anticipates that as many as ten Gophers

could qualify for the Association of Intercollegiate Athletics for Women (AIAW) National Championships in March.

But before national competition the swimmers are priming themselves for the Big Ten Championships to be held February 17-19 at the University of Wisconsin. Last year the squad placed fourth in the annual event, being nar-

breaststrokers. Freshman Marty Bopp recently set pool and varsity records in the 50 yard and 100 yard breaststroke, while freshmen Sue Arne and Kay Gustafson and sophomore Kari Henningsgaard have been just off the record mark.

Diver Lynn Sawitzke and the 200 yard free relay team of Ganley Swanum, Anderson and newcomer

rowly defeated by third place Indiana University. Coach Freeman feels that Minnesota will do well to finish in the same position this time around, despite the fact that the team's performances are far better than last year's.

"Finishing in the top five at the Big Ten will be something to be proud of this year," Freeman said. She attributes the difference to scholarships at many Big Ten schools, which have attracted Olympic class swimmers to the Midwest area.

Freeman commented, "Michigan, Michigan State and Indiana are all giving scholarships to freshmen who are All-American caliber swimmers."

Even without the lure of full grants for her athletes, Freeman likes her team's chances. Minnesota has always been strong in the backstroke events with the likes of Ganley, Anderson, Gail Cording and Gail Griffin. But a pleasant surprise this season has been a marked improvement by the squad's



Jean Freeman, Swimming Coach

Sue Blosky have already qualified for the AIAW National Championships at Brown (Rhode Island) University. Swimmers who finish in the top 12 at that event are awarded the prestigious title of "All-American."

Coach Freeman is keeping her fingers crossed that by April she has ten individuals who have earned that distinction.

GOPHER TALES

(Editor's note: Regular columnist Dave Shama will return to this spot once again in the 1977 March issue.)

Barron joins Gopher staff

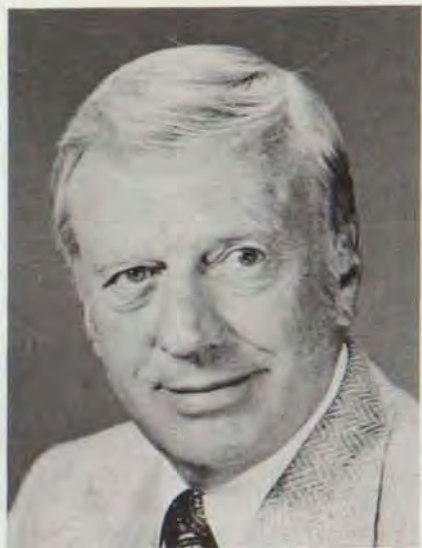
Tom Barron became the newest member of the University of Minnesota Men's Intercollegiate Athletic department staff when he joined Paul Giel's team this fall as director of the Williams Fund and development officer.

Barron is working with fund-raising, foundations, corporate gifts and special promotions. He is also assisting the Women's Intercollegiate Athletics department in an advisory capacity to the Patty Berg Fund and has a strong relationship with the University of Minnesota Development Office.

"We are delighted to have Tom on our staff," Giel said. "His experience and expertise in the business world, and the knowledge he has gained during the past 10 years when closely associated with Williams Fund projects, will be a real asset to us."

That experience and expertise have been gained through 30 years of sales, marketing and management in the Twin Cities area. For 5 years Barron served as sales representative with National Biscuit Company, for 22 years as sales representative, sales manager, vice president and general sales manager of Ed Phillips & Sons Company, and for 2 years as executive vice president of Display Fixtures Company.

Barron was born in Duluth, Minnesota, in 1922 and raised in Cloquet. He graduated from Saint Paul Murray



Tom Barron

High School in 1940 and, following four years of service in the U.S. Navy during WWII, graduated from the American Institute of the Air in 1947.

"I have long had a great interest in athletics and a particular interest in the Gophers," Barron said. "To indicate I'm thrilled to be a part of the Gold Country team would be an understatement. I am excited and optimistic about the program and truly delighted to be in a position to serve the University of Minnesota."

Barron's feelings about the University's Intercollegiate Men's program were probably best stated in a letter he wrote to Paul Giel in 1972 following his exemplary volunteer efforts for the Williams Fund during the Midland Hills Celebrity Golf Outing. He wrote:

"... Paul, in your letter you indicated disappointment in not thanking me publicly at the July 10 dinner for my part in the success of the event. Please dismiss it from your mind.

"I am involved in the Gopher program simply because I believe in it. Along with that belief, I feel a responsibility to contribute in some way to the overall athletic and academic excellence of the University. To me, this involvement is an investment in young people and whether that investment be in time, energy or dollars — I know the investment is very much worthwhile. I don't expect public recognition for my efforts. My satisfaction will

be, as it always has been, in watching and enjoying our Gopher teams perform. As they improve over the years and we win more often, and our athletes become better students and citizens, I'll know I have helped a little. . ."

The income generated through the Williams Fund has grown from \$100,000 in 1972 to \$350,000 in 1976, according to Giel. "We in men's athletics remain nearly 100% self-sustaining, and it is our strong desire to increase our Williams Fund revenues to \$500,000 within the next couple of years. That will be Tom's primary task," Giel said.

George Thomas, who is also assistant coach of the men's intercollegiate baseball team, will continue to work on the Williams Fund.

Gophers seek second Big Ten gymnastics title

Two key factors will be in Minnesota's favor this year when they defend their Big Ten Gymnastics title. The first is that the meet will be held at home, in Williams Arena, on March 11-12, in front of a home crowd. The second, and maybe most important, is that the Gophers return more competitors who have scored in Big Ten competition than any other school.

Leading the Gopher charge will be last year's Big Ten all-around cham-



Fred Roethlisberger, Gymnastics Coach

pion Tim LaFleur. Joining him will be teammates Jay Lowinske, who finished seventh in last year's meet, and Shawn Hayth and Joe Wickert. Another top performer for the Gophers is freshman Reid Goldetsky, an all-rounder with great potential in the vault and parallel bars.

As in past years, the top Big Ten teams include Michigan, winner of five of the last eight championships, Illinois, the third-place finisher last year, and Iowa, winner of two of the last five championships.

Competition for the Men's Big Ten Gymnastics Championships starts on March 11 with compulsories at 10 a.m. and optionals at 7 p.m. Saturday's competition starts at 10 a.m. again and the finals resume at 3 p.m.

Arizona-Minnesota Outing tees off February 21

You can take advantage of a week of "fun and golf in the Arizona sun" during the Second Annual Arizona-Minnesota Williams Fund Golf outing in Scottsdale, beginning Monday, February 21, with an 18-hole shotgun Williams Fund Tournament at the Pima Inn and Golf Resort.

A dinner with awards for the best among the day's golfers will follow the tournament. Dinner guests will include University president C. Peter Magrath, Men's Intercollegiate athletic director Paul Giel, head football coach Cal Stoll and the presidents of the University of Minnesota Alumni Association's Sun City, Phoenix, Tucson and Scottsdale chapters. Murray Warmath, former Gopher football coach and now assistant director of Men's Intercollegiate Athletics and radio commentator for Gopher football, will emcee the dinner program.

A special itinerary has been planned for those wishing to "make a week of it":

Sunday, February 20 — Leave Twin Cities via Western Airlines in the morning to fly nonstop to Phoenix. Day is open for practice round at Pima to prepare for tournament.

Monday, February 21 — Arizona-Minnesota Williams Fund Golf Tournament at Pima.

Tuesday, February 22 — Starting times reserved at beautiful Fountain Hills Golf Course for those who want to play.



HARRY (left) AND REUBEN LOVERING, both University of Minnesota graduates and alumni members of the campus chapter of Phi Sigma Kappa, will be honored at that group's Founder's Day celebration on March 28.

Phi Sigma Kappa celebrates Founder's Day, honors Loverings

Beta Deutron, the University of Minnesota's Phi Sigma Kappa fraternity chapter, will hold a very special Founder's Day celebration on Monday, March 28, at the University of Minnesota Alumni Club in downtown Minneapolis.

A distinctive tribute for outstanding service to fraternity and the University will be paid to Harry and Reuben Lovering, Twin Cities architects who had a hand in the design of the new University of Minnesota underground bookstore and the Law School building now under construction on the West Bank.

Harry received his bachelor's degree in civil engineering from Minnesota in 1914, while Reuben graduated in 1916 with a bachelor of arts degree.

Guest speaker for the Founder's Day banquet will be University president C. Peter Magrath.

This, the 67th celebration of the founding of the Minnesota chapter, will open with a social hour at 6:00 p.m., followed by dinner and the program at 7:30 p.m., at \$14.00 per person. Reservations are available

through Craig Anderson at PO Box 453, Hopkins, MN 55343.

Chapter members expect 75 to 80 alumni from as far away as Texas, Virginia, New York and Ohio to attend the event, along with many from the more than 55 living in the Twin Cities area.

Frank Moore, the executive director of the national organization, will also be present for the event.

Minnesota's Phi Sigma Kappa group has been very active on the Twin Cities campus. The young men hosted approximately 175 alumni and friends during Homecoming 1976 and barbequed 160 pounds of turkey to feed them.

The chapter placed second in overall competition for the 1976 Campus Carnival, and among its members count the Interfraternity council president, a retired student representative to the Board of Regents and a former Campus Carnival chairman.

Among their illustrious alumni is James Hodgson '38BA, former U.S. Secretary of Labor and recipient of the University's OAA.

Wednesday, February 23 — Free greens fees for those participating in the Ray Scott Invitational Golf Tournament at Rio Verde. Others accommodated, after payment of greens fees, as time and space permit.

Thursday & Friday, February 24 & 25 — Ray Scott Invitational Tourna-

ment at Rio Verde. All participants in Williams Fund Tournament invited to enter. For others, a day in sun and the exploration of Scottsdale and its environs.

Saturday, February 26 — Another full day to enjoy Arizona before leaving on an evening flight for the Cities.

Sunshine is advantageous energy source

By Jeannie, Hanson
University News Service Writer

Sunshine

as an energy source will probably be developed sooner than we thought, but not soon enough to solve this winter's fuel problems.

Solar energy has an important advantage over other sources of energy — an advantage not recognized by most people. Energy from the sun is more efficient than other energy sources for several major items on our national energy agenda, according to Ernst Eckert, University of Minnesota Regents' Professor Emeritus of Mechanical Engineering.

"Why burn oil in a furnace at 2000 degrees F to warm a room to 70 degrees F?" Eckert asked, adding that it is inefficient and wasteful to burn coal or oil to generate electricity for such "low energy" tasks.

"Low energy" work includes hot-water heating, home heating, air conditioning and some industrial processes — tasks which require heat at less than 200 degrees F. Together, these "low energy" jobs account for almost 40 percent of energy needs in the United States.

Solar energy arrives from the sun especially suited for low energy work. Basic, flat solar collectors, which are currently available, can absorb the sun's rays and use them to heat water or air to between 150 and 180 degrees F. A simple mirror can concentrate the energy and raise the temperature still more. Basic solar energy hits the Earth at a yearly average of about 12 watts of power per square foot over the entire planet's surface, Eckert said.

Energy from the sun is often spoken of as the major energy bank for the future — a future that may arrive much sooner than most people think. "Our first major solar energy plant could be ready by 1990," Eckert said.

The first of these plants probably should be built very near a city or industrial plant, where its clean and efficient low-energy output could be



Dr. Ernst Eckert, Regents' Professor of Mechanical Engineering

used conveniently, Eckert said. No battles would have to be waged over its location since, when sunshine "spills," there is no danger.

"No technological breakthrough is necessary for this kind of solar plant," Eckert said, since most of the technology is already in use in solar home-heating units. The mirrors or lenses needed for extra concentration of the energy are already in use, too — a solar furnace equipped with giant mirrors is now, in operation in France, creating heat at over 3000 degrees F.

However, this type of plant is much more expensive than the basic pilot plant Eckert envisions for this country.

In the future, more elaborate solar plants in the U.S. could turn sunshine into electricity or feed heat to conventional plants to do so. The "waste solar heat" could be used for nearby heating needs, Eckert said, and almost no energy would be wasted. "This would be a big improvement over today's nuclear plants that discharge two-thirds of their energy into the air as waste heat — or coal-fired plants which waste 60 percent of the energy they make," Eckert said.

Still further in the future is the use of very concentrated solar energy for high-temperature industrial processes such as metallurgy, he said. Sunshine also could be converted to hydrogen fuel, ushering in a "hydrogen economy."

And even further down the road is the use of huge solar satellites to collect solar energy from nearby space and beam it back to earth in microwave form. Solar cells to do this already have been developed and used in space flights, but now are much too expensive. "It would take a massive national commitment in the future, like the effort to reach the moon, to accomplish this project," Eckert said.

Ultimately, if the United States were to convert to solar energy completely, about 5,200 square miles of collectors would be needed.

But long before solar energy is used for ambitious projects like these, a basic and efficient solar plant could be built for our low-temperature energy jobs. "I hope the Energy Research and Development Agency (ERDA) continues to increase funds for solar plant development," Eckert said.

If so, the time may not be far off when the child who starts a fire with a lens and a piece of paper in the sunshine will be close to understanding a modern pilot solar energy plant. It may not be elaborate, but it can do the job.

Around & About

College of Liberal Arts

40 Dorothy Jorstad '40BSLibSci started her professional career as a librarian in 1930 at 20 cents an hour in Redwood Falls, Minnesota, working part-time while attending high school. She retired December 31 as head librarian at Kishwaukee College in Malta, Illinois. Following graduation from Minnesota, she worked at the University's Forestry library, and ten years later joined the staff of the South Saint Paul Public Library. She left in 1962 to go to Northern Illinois University and worked there in circulation and as a reference librarian before joining the Kishwaukee staff where she was named director of the library in 1974. She and husband Melvin will stay in Rochelle where they have lived for the past 14 years until he retires from his position with Swift & Company.

50 John R. Boulger '42BBA '50PhD, an industrial psychologist, has been occupying a unique place in American jurisprudence and in the Monsanto plant in St. Louis, Missouri. He is the first industrial psychologist ever ordered by any court to implement a court order. He has been conducting intensive counseling work among the plant's employees, evaluating and assessing the job skills and abilities of its 298 workers, to determine if they are in what the federal court has defined as their "rightful position." In cases where his procedure discloses that a person should occupy a higher position and would, but for discrimination, a recommendation is sent to the court and any action comes from the bench on a promotion.

61 Bruce R. Eide '61BA has joined the Atlanta (Ga.) office of Staub, Warmbold & Associates International, Inc., an executive search firm, as a senior associate. Previously he was corporate director of personnel and labor relations of Hospital Affiliates International in Nashville, Tennessee, and employed by the G. D. Searle & Company of Skokie, Illinois, and Control Data in Minneapolis.

66 Svens C. Milenbachs '66BA recently received a master's degree in December graduation ceremonies at The University of Akron in Ohio.

67 D. C. Callaway '67BA is the director of geological resources for Atlantic Richfield Company in Dallas, Texas. He joined the company in 1967 as a geologist at Bakersfield, California, and has since had work assignments in Alaska and the Gulf Coast.

70 Cheryl Ricksham Corneliusen '70BA, St. Louis Park, Minnesota, has been awarded a Fellowship Diploma by the Life Office Management Association for completion of the FLMI Insurance Education program. To qualify for the fellowship, a candidate must pass a comprehensive three-hour examination in each of seven basic subjects and a six-hour examination in management principles and a specialized field of interest. She is employed by the Prudential Insurance Company, Minneapolis, as a contract approver in the Group Insurance division. She joined Prudential in 1974 as a Group Insurance issue technician.

72 Craig E. Lewis '72BA has been elected assistant vice president-sales of Kidder, Peabody & Company, Inc., an international investment banking firm with offices located in Minneapolis.

73 Susan F. Hastay '73BA has been named a field sales representative for the Southeast Region of Monsanto Company's Plasticizers division. She will



McKenzie

Dentist receives medal

Dr. Neil McKenzie '70MPH, Bethesda, Md., a Public Health Service Commissioned Corps officer with the Division of Dentistry, received the Commendation Medal from the U.S. Department of Health, Education and Welfare (HEW) for developing a national program to train dental auxiliaries to assume a broader role in the delivery of dental services.

The Division of Dentistry, Bureau of Health Manpower, is part of the Health Resources Administration, one of the six agencies of HEW's Public Health Service.

McKenzie's award recognizes his leadership in developing and administering the Expanded Function Dental Auxiliary (EFDA) program. Through contracts with educational institutions, EFDA personnel train dental auxiliaries to perform tasks previously done only by dentists. Collectively known as "expanded functions", these tasks include specific dental procedures that supplement the dentist's work.

Prior to assuming the position of chief of the Dental and Dental Auxiliary section in the Division of Dentistry's Education Development Branch, McKenzie served in three of the Division's other branches. Previously, he had several assignments with the Public Health Service's Federal Prison Service and was a Dental Officer with the U.S. Air Force in Alaska and Florida.

locate in Wilmington, Delaware. She joined Monsanto in 1976 following graduation from Vanderbilt University with an MBA degree.

74 Robert B. Carroll '74BS, Norwich, New York, is training supervisor for the Norwich Products division of Morton-Norwich Products, Inc. He joined the company as a territory representative in the Saint Paul area in 1975. Previously he was associated with the Longyear Drilling Company International.

Janice Helleloid '74MFA, Saint Paul, currently an instructor at the Minneapolis College of Art and Design, has a one-woman show underway on sculpture and photography at Cotter Art Center at the College of Saint Teresa, Winona, Minnesota, through February 27. She was a departmental assistant at Saint Teresa's during 1969-70, a teaching assistant at the University of Minnesota from 1973-74 and an instructor at Macalester College, Saint Paul, from 1974-75. She has had one-woman exhibitions in sculpture, photography and drawings throughout the state in recent months.

75 Boy Lon Toy '75BS, St. Anthony Village, Minnesota, who currently teaches chef training at the Suburban Hennepin County Area Vo-Tech School, won a bronze medal in the 14th International Culinary Olympics held in Frankfurt, Germany, recently. Toy competed with 900 other chefs from around the world who prepared three platters of food that would serve a minimum of eight individuals. His prize winners included a platter of New York Strip steak, a cut of meat native to the United States, a second of hors d'oeuvres and a third of roast- loin of pork. He was part of the Minnesota Chef's Club team that won the U.S. Grand Buffet Competition in 1976 in Chicago. Toy came to the U.S. from Hong Kong in the late 1940's. He was 40 years old when he received his degree from the University.

Law

41 Stephen F. Keating '41LLB, chairman of the board of Honeywell, Inc., Minneapolis, is currently serving as chairman of the board of trustees of the Mayo Foundation, Rochester, Minnesota. A Mayo trustee since 1971, he joined Honeywell in 1948 and became its president in 1965. He has served as president of the Urban Coalition of Minneapolis and has been a leader in the Twin Cities in working to solve problems of race relations and poverty. The University of Minnesota has awarded him its Outstanding Achievement Award.

69 Rick F. Colvin '69JD recently became a member of the Mayo Clinic's (Rochester, Minnesota) Legal section. He was admitted to the Minnesota State Bar in 1969 and the Federal District Court of Minnesota in 1973. From 1969-72 he was a special agent with the Federal Bureau of Investigation, assigned to Washington, D.C., Houston and New Orleans. Since mid-1972 he has been an associate in the private practice of law in Rochester.

Medical

43 Dr. Joe R. Brown '43MS, a consultant in neurology at the Mayo Clinic in Rochester, Minnesota, since 1949, retired at the end of November 1976. Following service with the U.S. Army, he

served on the neurology staffs of the University of Minnesota Hospitals and at the Minneapolis Veterans Hospital and taught at the University as an assistant and then associate professor of neurology. Following his appointment to the Mayo Clinic staff as a consultant in neurology, he headed the section of neurology until he was named a senior consultant in 1956. By 1963 he had advanced to professor of neurology in the Mayo Graduate School of Medicine and became professor of neurology in Mayo Medical School in 1973 and helped to plan the neurology curriculum for sophomore students.

41 Dr. William H. Dearing '41PhD, a consultant in medicine at the Mayo Clinic since 1942, retired in December 1976. He served as head of Mayo's section of medicine from 1956-67 and has been a senior consultant since 1967. He was professor of medicine at Mayo Graduate School of Medicine from 1962-73 and at Mayo Medical School from 1973 until his retirement. He has maintained a particular interest in inflammatory diseases of the intestines, and one of his exhibits related to this interest was awarded a certificate of merit at the annual meeting of the American Medical Association in 1961.

48 Dr. John C. Lillie '48MS, a Mayo consultant in otorhinolaryngology, also retired December 31. His father, the late Dr. Harold I. Lillie, was a Clinic consultant from 1917-53. After practice in Janesville, Wisconsin, John Lillie returned to the Mayo Graduate School as a resident in otorhinolaryngology and was appointed a consultant in the field in 1952, as well as certified a specialist that same year. He is associate professor of otorhinolaryngology in Mayo Medical School. His primary interest has been in the diagnosis and management of organic voice disorders and he has become an authority on the endoscopic treatment of vocal cord cancer.

Agriculture

76 Brett M. Oemichen '76BSAg was recently promoted and transferred within Elanco Products Company, the agricultural marketing division of Eli Lilly and Company. An agricultural chemicals sales manager in the Saint Paul area for the last year, he has been promoted to sales representative and will reside in Mankato, Minnesota.

Business Administration

57 Hollis W. Rademacher '57BBA, Northfield, Illinois, a senior vice president at Continental Bank, has been named officer-in-charge of the national division of Continental's commercial banking services department. He joined Continental in 1957.

60 Darrell E. Tilleskjaer '60BBA, Plymouth, Minnesota, is president and chief operating officer of Paul Burke and Associates Inc. (PBA). He came to PBA as controller in 1971 from the Carlson Companies where he had held a number of managerial accounting positions. In 1975 he was named a senior vice president of PBA.

62 Thomas J. Towne '62BBA, Collinsville, Connecticut, is assistant director of individual insurance sales in the life and variable annuity marketing department of Aetna Life & Casualty. He joined the company's Minneapolis office as assistant regional manager in 1972.



Three Minnesotans receive American Farmer Degrees

Edward Slettom '42BSAg, left, executive director of the Minnesota Association of Cooperatives, and Owen K. Hallberg '46BSAg '47MS, president of the American Institute of Cooperation, both received the Honorary American Farmer Degree at the recent national convention of the Future Farmers of America (FFA). Slettom wore his FFA

blue corduroy jacket to receive his award — the same jacket he wore in 1939 when attending the national convention as a representative from Minnesota.

Dr. LaVern Freeh, assistant dean in the Institute of Agriculture, Forestry & Home Economics and head of Special Programs for Agricultural Extension at the University of Minnesota, also received the Honorary American Farmer Degree.

67 Anthony R. Trow '67BBA has been named director of European marketing for Pako Corporation, Minneapolis. He will headquarter in Belgium.

68 Robert L. Duffy '68BSB has been elected a principal of A.T. Kearney, Inc., international management consulting firm. Prior to joining the company as an associate in 1970, he had worked with Honeywell, Inc.

Graduate School

48 Willmar L. Thorkelson '48MA, Minneapolis, received the Faith and Freedom Award in Journalism from Religious Heritage of America at a December luncheon in Washington, D.C. The religion editor of *The Minneapolis Star*, he was honored for a series of articles he wrote for the *Star* last May on "Keeping the Faith," which dealt with spiritual renewal in Minnesota. The award has been given annually since 1956 and Thorkelson has been the first writer to win it twice; he also received it in 1959.

FOR ALUMNI CLUB MEMBERS ONLY. . .



Bring your family and friends
to a very special
San Francisco Night
February 19, 1977

That most popular buffet evening that your Alumni Club staged last year is being repeated for you in 1977, with the Club's staff outdoing the variety of ethnic foods from the Great Bay area that were served in 1976.

The buffet includes Monterey Cioppino (a Portuguese soup), Molded French Seafood Mousse, Ice Relish Trays with Curry Dip, Sliced Avocado Salad with Tomato (Mexican), Devil'd Eggs with Salami Coronets (Italian), Raw Mushroom with Sweet Onion Slices (Mexican), Tossed Salad with Choice of Dressings, Sourdough Shrimp, Carved Western Style Barron of Beef, Pacific Silver Salmon in Puff Pastry, Cracked Pacific Crab Legs Monterey, Baked Lasagne (Italian), Teriyaki Chicken (Japanese), Sweet/Sour Pork (Chinese), Steamed Rice, Fettuccine Alfredo, Mixed Garden Vegetables, Sourdough Bread and Assorted Petite French Pastries.

An a la carte menu, including among its entrees Tournedo Rossini, Prime Ribs of Beef, au jus, Supreme of Chicken a la Kiev, Broiled New York Cut Sirloin Steak and Broiled Great Lakes Wall-Eyed-Pike, will also be served.

Also set aside the evening of March 14 to celebrate Gala Night, your Alumni Club's Third Anniversary Dinner Dance, which will feature a five-course dinner with appropriate wines, and organ music by Frank Cammaratta. Wear your fancies. Reservations requested.

Contact Club Manager Bill Swain at 376-3667 to obtain reservations for or more information on the special Club events cited above.

Around & About

60 John H. Nelson '60PhD, who for 17 years has been closely associated with quality control, research and development at two major food companies in Minneapolis, has become a partner in Johnson, Powell & Company, a Minneapolis new product/new business development firm. He is currently engaged in a special project on behalf of the Kettering Foundation in Dayton, Ohio, working on the problem of increasing the yield of food plants to supply more food for mankind. Most recently he served as vice president for research and development and director of the Technical Center at The Peavey Company in Minneapolis.

69 Jerome C. Harste '69MA '71PhD, who is now an associate professor of education in the Department of Reading, School of Education at Indiana University in Bloomington, is taking a leading role in a university-wide effort to stimulate both federally

and privately sponsored research. He is chairman of a task force appointed to study federal resources.

74 Technical Sergeant Jean-Lorre Smith '74MA, Parksley, Virginia, has been named Outstanding Noncommissioned Officer of the Quarter at Wright-Patterson AFB, Ohio. An aerospace environmental analyst, he was selected for leadership, professional skill and duty performance.

Education

32 Mrs. Marion Moulden '32BSEd, La Crescenta, California, who has life teaching certificates for Minnesota and California and in Special and Adult Education, is currently teaching a Motor Development class at the YWCA for special children twice a week and working to get a vocational school in Glendale. One of ten finalists for the 1976 Women of Achievement in Glendale, she serves on the

boards of the Retired Teachers Association, Glendale Community Concerts and American Association of University Women and chairs the hospital committee of the latter organization. She also babysits her two young grandchildren and is active in her church.

42 Florence C. Potthoff '42BSEd, Colton, California, taught in Duluth, Minnesota, elementary schools in the 1930s and into the '40s while and after she received her degree from the University of Minnesota. After her marriage she moved to Colton and resumed her teaching career at Grant School, working there from 1949-64. She joined the faculty of the new Colton School in 1964 and taught until her retirement in 1972. She has been active in the Elementary Teachers Association of Colton, as president and on several committees, and in Delta Kappa Gamma Society International, as a charter member, corresponding secretary, chapter president and an area director, as well as on a number of state committees.

DEATHS



'20-'29

Dr. Oscar W. Alm '29PhD, Manhattan, Kan., an emeritus professor of psychology at Kansas State University, Manhattan, November 18, 1975, at age 88. Following service in WWI he taught at Pittsburg Kansas State College from 1919-1926 and, after receiving his doctorate, joined the KSU faculty in 1929. He retired in 1957.

Laura L. Clark '29BSNur, Phoenix, Ariz., August 7, 1975. Ms. Clark, who gave 30 years of her life in service to the Indians, received the Congressional Medal of Honor in 1962 for her work, the first active nurse so honored. She retired from her U.S. nursing activities in 1964 and from 1968-69 was in Guyana, South America, and in Trinidad with the American Leprosy Mission.

R. Gordon French '29BSB, Elmira, N.Y., October 9, 1975.

Sister Helen Angela Hurley '29MA, St. Paul, on October 1, 1975, at age 78. A local historian who taught history and sociology in Minnesota and North Dakota high schools, in the mid-30s she taught at the College of St. Catherine in St. Paul and also had taught at St. Margaret's Academy, Minneapolis; St. John's Academy, Jamestown, N.D.; and St. Joseph Academy, St. Paul.

Lloyd W. Mehlhouse '29BSB, Olivia, Minn., May 14, 1975.

Lewis H. Oehlert '29LLB, Fargo, N.D., on December 1970.

'30-'39

Ernest B. Christianson '30AMS, Sunland, Calif. William J. Haggerty '30BA, New York City, in 1975. The past president of State University of New York at New Paltz, N.Y., and active in international educational affairs for more than two decades, the SUNY campus he presided over for 22 years grew from 357 students to more than 3,000 when he retired in 1966. He is credited with introducing curriculum requirements for international studies which brought worldwide acclaim to New Paltz. He had served several terms as president of the International Council on Education for Teaching, was president and director of World Education, Inc., vice president of American Overseas Educators organization, was an educational consultant to the government of India, was a U.S. delegate to UNESCO Conference on free and compulsory education in 1952, was a consultant on higher education for several states and a member of the educational committee of the People to People program. In late November 1975 SUNY-New Paltz dedicated the William J. Haggerty Administration Building.

Emma C. Einerson '32BSNurEd, Hopkins, Minn., on March 16, at age 79. She had been an instructor in the University of Minnesota School of Nursing and had worked at Glen Lake Sanatorium.

Daisy G. Simonsen '32PhD, Monrovia, Calif., on June 15, 1975, at age 71. A biochemist at the City of Hope Medical Center, Durante, Calif., since 1955, she had also worked in the same capacity at Miller Laboratories in Los Angeles and Pottenger Sanatorium in Monrovia. She was an instructor in medicine and pathology at the University of Southern California Medical School, Los Angeles, from

1941-53; a chemist for Los Angeles County Hospital from 1943-53; and a consultant in clinical biochemistry for Pasadena's St. Luke and Huntington Memorial Hospitals, Santa Fe Hospital in Los Angeles and St. Joseph Hospital in Orange, Calif., over a period of years.

Dr. James A. Blake '34MD, Hopkins, Minn. Dr. J. E. Flynn, Jr. '34BSMed, Everett, Wash., on April 19 from cancer.

Pearl A. Kienholz '34BSEd, Minneapolis, in 1975.

William E. Westerdahl '34BSB, Minneapolis, on January 15.

Hazel L. Johnson '34BA, Duluth, Minn., on May 16, 1975.

Norman K. Fugelso '35BArch, Duluth, Minnesota, on November 19. He had retired from active architectural practice and was serving as a consultant to the firm of Fugelso, Porter, Simich & Whiteman in Duluth. Fugelso began his architectural work in Minneapolis with Perry Crosier. His career took him on projects with firms in Iowa, Duluth and California, before he returned to Minnesota to join Jack Hein of Albert Lea in the firm of Hein & Fugelso that became the project architects for the University of Minnesota's Agricultural School at Waseca, Minnesota. In 1954 he became a partner in Melander & Fugelso which reorganized to Fugelso, Porter & Simich in 1960; during those years he was project architect on the Miller-Dwan Hospital and Medical School, the Duluth YMCA, the Food Service and Dormitory buildings at Bemidji State University, North Shore Bank, Northwestern Bank of Commerce, Gogebic National Bank in Ironwood, Michigan, the Dormitory and Science buildings and Sommers Hall at the College of St. Scholastica, schools in Silver Bay and Two Harbors, Woodland Junior High School in Duluth, a United States Post Office, and buildings on the University of Minnesota, Duluth campus, including the Physics Classroom and Laboratory, Life Science Building, Performing Arts Center and the Administration Building and Library. He was a past president of the Northeast chapter of the American Institute of Architects and of the Service Corps of Retired Architects. All of his survivors are Minnesota graduates: his wife Harriet Christenson Fugelso '34BArch and sons Mark Alan '65BSME and John Norman '69BAEd (UMD).

John A. Madigan '35MA, St. Paul, on January 5 at age 76. He had retired as an associate professor of physics at the College of St. Thomas, St. Paul, where he was also an administrative staff member, in 1969. Previously he had taught and coached at St. Paul's Cretin High School.

William A. Bevan '36BSEd, Chisago City, Minn.

First Art Gallery director dies

Mrs. Ruth Lawrence, Santa Barbara, California, the first director of the University Gallery, died in early 1977 in California.

Mrs. Lawrence taught in the University's General College and directed the Little Gallery in 1933 before being named full time director of the expanded University Gallery in 1934, a position she held until retirement in 1957.

She studied art and architecture while on the University campus and received a degree from Minnesota in architecture.

The family has asked that all memorials be sent to the University Gallery.

Charles W. Doxtator '36PhD, who was with the American Beet Seed Company in Rocky Ford, Colo., on January 28.

Dr. John W. Schubert '36MD, Lewistown, Mont., on September 18, 1975. He had practiced medicine in his home community for 30 years and served as county and district health officer. He initially established a medical practice in Hardin, Mont., after graduation, moving to Lewiston in 1945. He was 69.

Mrs. Fred Agnich '37BA, Dallas, Texas, on November 15, 1975, at age 59. A native of Eveleth, Minn., she had lived in Dallas for 30 years.

Dr. Harold F. Carlson '37DDS, Robbinsdale, Minn., on April 7 at age 65. He was a 40-year member of the Minnesota Dental Association.

Margaret A. Pfund '37BSNur, St. Paul, on February 3 at age 59, from a stroke. She had worked at St. Paul's Miller Hospital for 38 years as an obstetrical nurse.

W. I. Stinger '37BChem, Naples, Fla., on September 8, 1975.

E. C. Kriesel '38BEE, Madison, Wis., on November 3, 1975.



Donald O. Swan '39BChem, New York City, a vice president of Exxon Corporation and president of Exxon Chemical Company, the worldwide chemical division of Exxon, died April 26 at age 60. He was director of the Manufacturing Chemists Association and a member of its executive committee; a member of the American section of the Society of the Chemical Industry; and a member of the Board of Visitors of Duke University's Graduate School of Business Administration. He joined Exxon in 1939 and had wide experience with the company in the United States and abroad. He was elected president of Exxon Chemical in 1968.

'40-'49

Leland R. Cooper '48MA, St. Paul, Minnesota and Wisconsin anthropologist and archaeologist April 2, 1975, at age 75. He had contributed greatly to the histories of Minnesota and Wisconsin in his diggings of mound sites and study of the Indians and pioneers who had been in this part of the continent. For 22 years, from 1944-66, he taught anthropology and sociology at Hamline University in St. Paul. In 1973 that school honored him with an honorary doctor of humane letters degree and established an outstanding senior award in his name. He was director of excavations and restoration for Fort Crawford in Prairie du Chien and later director of the museum there, and received grants from the Minnesota Historical Society for excavation of the Thomas Connor Fur Trading Post at Pine City. He received the Increase Lapham Medal Award from the Wisconsin Archaeological Society for his work on Madeline Island and La Pointe Village on that island. From 1965-66 he was senior research scientist at the Minnesota Historical Society and had been a University of Minnesota associate professor, supervising summer field study work. In his retirement he was curator of archaeology for the St. Paul Arts & Science Center.

LeRoy A. Entwisle '48BBA, St. Paul, August 6, 1974.

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- News of University programs and campus personalities
- Alumni activities and the leadership that makes them go
- And much, much more. . .

1977 MARCH



alumni news

PUBLISHED BY THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

Legislative support is crucial to University of Minnesota and higher education in coming 1977-79 biennium

In 1970, the Carnegie Commission on Higher Education conducted a study of fiscal conditions at 41 colleges. The report indicated that nearly three-fourths of the examined institutions — the University of Minnesota included — were either "headed for financial trouble" or were already there. The researchers further concluded that unless significant steps were initiated, the next decade would spawn "a new depression in higher education."

Seven years later, little evidence can be found which contradicts the Carnegie Commission's predictions. If anything, the financial plight of most universities has become more ominous than originally forecast.

Fortunately, however, there have been some exceptions. The University of Minnesota, for example, continues to be faced with a number of economic constraints — some of them severe. But when compared to the situation of several other of our nation's most important institutions of higher learning, the health of the University of Minnesota has to be considered good.

One of the reasons for the University's more favorable position is the popularity that education has traditionally commanded among Minnesota's citizens. Another important factor is the relatively healthy economy that the state has enjoyed over the past few years. A third reason is the support that members of Minnesota's legislative and executive branches have demonstrated in responding to the financial problems of the state's higher educational systems. Together such factors have softened the budget problems of the early '70s, as well as the inflationary blows of more recent years, thus enabling the University to cope with what otherwise would have been disastrous fiscal periods.

1977 Legislative decisions vital to University's financial future

Whether the immediate future will be as favorable, or whether the system will again be headed for financial trouble, are questions the 1977 Minnesota State Legislature must decide. The University depends upon the state for 37 percent of its current operating budget and, before the end of May, lawmakers will vote upon the level of that support for the next two years.

Legislative and University officials have already devoted considerable time to discussing the institution's proposals. Overall, the system is seeking a 27 percent increase in its legislative appropriations during the upcoming biennium. In percentage terms, this is the smallest requested increase in more than a decade, although in actual dollars the figure represents the largest appropriation in the institution's history. If the entire \$76.9 million increase were passed by the Legis-



Photo by Phil Schermeister, courtesy of the Minnesota Daily.

IT'S THAT FEBRUARY THAW . . . Two University of Minnesota students basked in the warm (the mellow 40's, according to Elmo, the Daily's weather prognosticator) sun of a February thaw on the Minneapolis campus Mall early in the month. With their snowy surroundings providing a convenient cooler for beverages, the two used suntan lotion to protect their still winter white bodies. The plaza in front of Northrop Auditorium, in the background, filled with other University students enjoying the balmy temperatures.

lature, it would raise the state's annual contribution to the University to slightly more than \$210 million by 1979.

Faculty salary increases lead priority lists

Central to the University's request are a number of priorities. Leading the list is a proposal for faculty salary increases of 11 percent in 1978 and 8 percent in 1979. (Civil Service salaries are negotiated separately between State and Civil Service representatives.)

The importance of this top ranked item is twofold: first, a dedicated, highly qualified and hard working faculty must be paid reasonable wages if morale is to be maintained; and secondly, a failure to offer competitive salaries can seriously threaten the caliber of instruction, research and service that the University is able to provide.

Both competitive and morale factors are essential in preventing the loss of valuable academic members to other institutions as well as in attracting outstanding educators into the University

system. A generous legislative appropriation in the first year of the current biennium allowed the University to make some advances in its faculty salary schedule. These gains, however, were eroded in 1976-77, as the University slipped in rankings with its traditional comparison group — the Big Ten, the University of Chicago and the University of California. A continued decline in Minnesota's ability to offer competitive salaries can only have adverse effects upon the University's quality of education.

(Turn to page 2)

University enrollment patterns point to additional staffing, more student financial aid . . .

Minneapolis Tribune photo

From page 1)

A second major concern relates to a substantial increase in University enrollments. Over the past two biennia, the student body has grown steadily to a record high of 55,761. This figure does not include another 38,000 students who register for credit courses in the Continuing Education and Extension division, nor another 28,000 students who attend during the Summer School session. If current projections bear true, the system can expect 3,600 more enrollees by the Fall of 1978.

The coordinate campuses at Waseca, Crookston and Duluth will be particularly affected if anticipated increases — 45, 22 and 21 percent, respectively — materialize. High growth rates are also expected in the College of Forestry, the College of Agriculture and General College.

A portion of the enrollment bulge will be offset by slight decreases in



other parts of the University and, presumably, enrollments across the entire system will stabilize in the early 1980s. Nevertheless, to meet currently projected demands, the University is requesting an additional 400 academic and 325 civil service positions during the 1977-79 period.



State's contribution to student financial aid must grow in face of federal cutbacks

Rising enrollments not only create a need for additional staffing; they also produce increased need for student financial aid. In 1975-76, about three-fourths of the 19,000 students who applied for financial aid actually received some form of assistance. The remaining 4,000 to 5,000 applicants had to be turned away, due primarily to more stringent assistance criteria and a shortage of available funds.

The number of students facing the latter problem will grow over the next biennium. In fact, the situation could deteriorate further if federal student aid is not increased.

What presently amounts to an unmet need of \$6 million in financial assistance could surpass \$18 million by 1978-79. To meet the expected unmet need and alleviate a portion of the problem, the University is seeking a \$3.5 million supplement in its student aid appropriation.



Together, the 21 separate "State Specials" will require a \$7.3 million increase over the next two years if present levels of quality are to be maintained.

Inflation continues impact on educational funding

The lingering effects of inflation necessitate additional funding in other University operations. Increases in the costs of fuel and utilities, repairs and maintenance, and telephone and bus service have severely eroded the system's purchasing power. In order to recover and to meet the rising costs of these services, the University is asking the Legislature to apply its Consumer Price Index formula for general price level increases. This would represent a 6 percent increase or approximately \$2½ million in 1978 and \$5¼ million in 1979.

University priorities address specific needs

Finally, the University's list of priorities addresses specific needs in the following areas:

- . . . Program improvement or expansion in the College of Home Economics, the Law School, University libraries and several Health Science fields;
- . . . Replacement of worn out or obsolete equipment in research facilities;
- . . . Development of computer systems for student registration, financial aid, library automation, space utilization and related needs;
- . . . Limited improvement in the administrative staff complement on the Duluth and Twin Cities campuses; and
- . . . Recovery of costs imposed upon the University in complying with OSHA, affirmative action, veterans' administration, and

alumni news

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Mary Lou Aurell '62BAJourn Editor
Vincent J. Bilotta '57BS Publisher

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Beverly A. Kees '63BAJourn, Minnesota Alumnae Club; Marion Reid Ryan '46BSHE, Colleges of Agriculture, Forestry & Home Economics; James R. Brandt '60BSB, College of Business Administration; Dr. William J. Dresser '52DDS '57MSD, School of Dentistry; Thomas R. Bergstedt '52BS '64MA, College of Education; Dr. John A. Nilsen '53BA '57MD, Medical Alumni Association; Edward C. Rainville, Jr. '64AA '66AMS, Mortuary Science; Dorothy Van Ausdaff Lindin '73BSN '75MS, School of Nursing; John W. Benson '72BSPhm, College of Pharmacy; Jean C. Schlemmer '68BA, College of Liberal Arts & University College; Everett H. Dale '49BEE, Institute of Technology; Dr. Wesley G. Schroeder '62BS '64DVM, Veterinary Medicine; Janet M. Hyllested '70-'72, General College; Jean Sampson Rushay '50BS, Division of Medical Technology; Dave Mona '65BA, School of Journalism & Mass Communication; Joyce Peltzer '57MSW, School of Social Work.

PRESIDENTS REPRESENTING NON-CONSTITUENT GROUPS

Richard A. Nordbye '47JD, Law Alumni Association; Paul M. Presthus '67BSB, "M" Club.

PAST PRESIDENTS COMMITTEE

Harry E. Atwood '31BA, Russell E. Backstrom '25BME, 27MSME, Victor Christgau '24BSAg, Franklin D. Gray '25BA, Waldo E. Hardell '26BSB, Albert H. Heimbach '42BBA, Harry Heltzer '33METE, Hibbert M. Hill '23BCE, Arthur R. Hustad '18BA, Oscar R. Knutson '27LLB, Francis L. Lund '31-'35, Virgil J. P. Lundquist '43MD, Joseph Maun '35LLB, Harvey Nelson '22BS '25MD, George T. Pennock '34BBA, Charles Judd Ringer '38-'41, Wallace E. Salovich '50BBA '56MHA, Glenn E. Seidel '36ME, James A. Watson '42BA, Edwin A. Wilson '30BEE, Wells J. Wright '36BSL '36LLB, Edgar F. Zelle '13BA.

HONORARY LIFE ASSOCIATION MEMBERS

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.



Construction well underway on new Law School building on Minneapolis West Bank campus.



Interior of new McNeal Hall addition, Saint Paul campus. Photo by John Ryan

other federal and state regulations.

In summary, there is little doubt that the University's legislative request is large. But it is important to realize that the proposal does not address all of the

institution's needs. In fact, less than half of the original requests from collegiate units survived the University's internal budget screening process and other substantial cuts were made following discussions with officials from Minnesota's Department of Finance.

At the same time, the University recognizes the fiscal constraints that weigh upon state legislators. The needs of education must be balanced with the public's ability to pay, but the pay-offs from educational investments have traditionally justified the original investment. One can only hope that legislators bear this fact in mind when reviewing the requests of the state's largest institution of higher education.

Miller named research fellow of Squibb Institute

Thomas E. Miller '62BA '64MA '66PhD, Princeton, N.J., has been named a research fellow of The Squibb Institute for Medical Research.

He was previously associated with the Trudeau Institute, Inc., Saranac Lake, N.Y., from 1967-76, where he worked on the development of new methods of growing and preserving BCG for use as an immunotherapeutic agent in the treatment of cancer. His work, conducted under a contract with the National Cancer Institute, was aimed at identifying the most effective strain of BCG and using it to develop a vaccine which is free as possible of unwanted side effects. The vaccine which Miller developed is being used in clinical trials.

The author of 19 scientific publications, he is a member of Sigma Xi, American Society of Microbiology, American Association for the Advancement of Science and the American Institute of Biological Sciences.

research, he added.

The University's request had anticipated an enrollment bulge between now and 1981 with an enrollment decline after that time.

University President C. Peter Magrath has requested 205 new, permanent faculty positions on the assumption that about 660 faculty members will reach retirement age during the 1980's.

Keller said he has problems with a proposed alternative of hiring temporary faculty during the period of enrollment growth. "You can't really get the best people for one year," he said. "You get those people who have to take a job."

He noted that the University has a "multiple focus" as both a state and federal institution, bringing in about \$53 million in non-state research money annually. "In order to draw our faculty, nationally, we have to be competitive in salaries. We also have to draw our students nationally. One of the greatest drawing cards for faculty is a good student body."

Keller supported the University's request for faculty salary increases of 11 percent the first year and 8 percent the second year of the biennium, which would include funds for merit increases.

Magrath said the \$37,551,000 the University is requesting for pay raises would keep the University competitive with "our traditional marketplace" of the Big Ten public universities and the University of California. "The salary request is the Number One emphasis and the Number One priority of the University in this biennial request. In general, there has been an erosion of faculty purchasing power if you go back ten years."

Governor Rudy Perpich has made no recommendation yet on faculty salary increases and his budget proposals recommended against the University's request for new positions.

Professor says U is not overstaffed

A spokesman for the University faculty took issue recently with charges that the University is overstaffed because enrollment has not increased as much as had been predicted. "We are simply forced to hire people who are not related to the student-faculty ratio," Ken Keller, chairman of the seven-member faculty consultative committee, said to the education division of the Legislature's House Appropriations committee.

That legislative committee met on the Saint Paul campus for the last of its hearings on the University's \$366.6 million biennial request to the 1977 Legislature. In earlier hearings, several committee members had said that the University is overstaffed because it prepared for more students than actually enrolled last fall.

Keller, a professor of chemical engineering, said the University must add expertise to improve its teaching offerings without cutting back in other areas.

"There is, for example, a request for a sculptor at the Morris campus," Keller said. "That program can't exist as a major without the teaching position. This request would not only improve the student-faculty ratio, but also improve the program."

"The fact that we are interested in solar energy and we add a faculty member with that expertise doesn't mean that we can remove that money from the study of coal gasification or other alternative energy sources. The hiring of someone who can do carbon-dating doesn't reduce the need for the classicist who goes to the archaeology site," he said.

Failure to fund enrollment-related requests, however, places an additional burden on faculty members who would otherwise be doing

Child Development gets national grant

A \$230,000 grant to sponsor national conferences on child development has been awarded to the Center for Early Education and Development which is part of the University's Institute of Child Development.

The grant from the Bush Foundation will be used to sponsor four interdisciplinary institutes in early childhood education and child development. Ranging from two days to five weeks in length, the sessions will occur in April, May, June-July and October 1977.

A national faculty will convene during these sessions to discuss current trends in early

childhood education, the political dimensions of early education, methods of encouraging competence in children and ways to evaluate early childhood education programs. Participants are to be selected from a pool of national applicants in fields such as elementary education, law, special education, clinical psychology and pediatrics.

Selected presentations during the June-July sessions on competence in children will be open to the public.

Directors of the project are Professor Shirley Moore, Associate Professor Richard Weinberg and Project Coordinator Donald Henry.



Alumni Center Activities Calendar

A chronology of organized alumni activity throughout Minnesota and the United States in which the Minnesota Alumni Association participates and to which Minnesota alumni are invited.

MARCH

- 14 (through the 28th) South Pacific Escapade, New Zealand, Australia and Tahiti

Redwood Falls (Mn) Alumni Annual Meeting, Deputy Vice President and Dean William Hueg, speaker
- 22 School of Social Work Alumni Association Annual Meeting, Professor Gisela Konopka, speaker, Minnesota Alumni Club, Minneapolis

Rochester (Mn) Alumni Annual Meeting, former Minnesota Governor and Board of Regents' Chairman Elmer Andersen, speaker, with Medical School Dean N.L. Gault and MAA Assistant Director Jim Barnum
- 24 Institute of Technology Alumni Board Meeting
- 31 MAA Executive Committee Meeting, Alumni Center, Twin Cities Campus

APRIL

- 1 General College Alumni Association Annual Meeting, Minnesota Attorney General Warren Spannaus, speaker, Midland Hills Country Club, Saint Paul

Detroit (Mich) Area Minnesota Women's Luncheon, Mrs. Joseph Daoust, Dearborn, hostess
- 6 College of Business Administration Alumni-Faculty Meeting, Minnesota Alumni Club, Minneapolis
- 12 Willmar (Mn) Alumni Annual Meeting, General College Dean Richard Bailey, speaker
- 14 College of Education Alumni Association Annual Meeting, Acting Dean William Gardner, speaker, Minnesota Alumni Club, Minneapolis
- 21 Division of Medical Technology Annual Meeting

B Day (Series of all day events sponsored on the Twin Cities campus by the College of Business Administration and the College's Alumni Association for students, faculty and alumni)
- 22 Wadena (Mn) Alumni Annual Meeting, Professor of Astronomy Karlis Kaufmanis, speaker
- 26 Institute of Technology Special Lecture and Awards Meeting, former RCA Chief Executive Elmer Engstrom, speaker, Twin Cities Campus
- 29 College of Liberal Arts and University College Annual Meeting
- 30 Spring MAA Board of Directors Meeting, Saint Paul Campus

MAY

- 2 School of Nursing Alumni Day, Twin Cities Campus
- 5 President's Seminar: Professor of Economics Walter Heller on "Carter's Policies and the 1977 Economy," Minnesota Alumni Club, Minneapolis
- 6 Detroit (Mich) Area Minnesota Women's Luncheon, Mrs. Harold Nielsen, Farmington, hostess
- 10 Mortuary Science Alumni Spring Social Hour
- 13 Chicago Area Alumni Annual Meeting, Basketball Coach Jim Dutcher, speaker
- 19 School of Journalism & Mass Communications Alumni Association Annual Meeting, Town & Country Club, Saint Paul
- 21 College of Pharmacy Alumni Association Annual Meeting
- 23 Class of 1937 Forty-Year Reunion (evening only), Minnesota Alumni Club, Minneapolis

JUNE

- 3 Detroit (Mich) Area Minnesota Women's Luncheon, Mrs. Wesley Schwieder, Bl. Hills, hostess
- 4 Minnesota Alumni Association Annual Meeting, Radisson Hotel, Bloomington, Minnesota
- 6 Class of 1927 Fifty-Year Reunion, All-day, Twin Cities Campus and Minnesota Alumni Club, Minneapolis
- 15 College of Business Administration Century Council Luncheon, Minnesota Alumni Club, Minneapolis

National assignment focuses agriculturist's efforts

By Irma Wachtler

"My testimony at hearings of the subcommittee of science and technology in October of 1975 is what led to my subsequent appointment to the National Science Board," says William F. Hueg, Jr., University deputy vice president and dean of the Institute of Agriculture, Forestry and Home Economics.

"I have been a severe critic of the science policy of the United States because it has, in my opinion, overlooked the term *applied* in its assessment of scientific research and programs. Agriculture is an applied science, and my contention is that adequate funding in agricultural research has been neglected.

"My objective as a member of the National Science Board is to help establish an appropriate balance in research among the physical, biological, and social sciences," he says.

Hueg goes on, "After the hearings in Washington, the recommendation was made that of the eight positions on the board to be assigned in the spring of 1976, one must be occupied by an agricultural scientist."

In April of 1976 Hueg received the telephone call asking if he would serve if nominated, in September his name was proposed by President Gerald Ford, and in October his appointment was approved by the Senate.

At present he is the only agricultural scientist serving with the 24-member group, with five years having elapsed since anyone from the agricultural community has served on the National Science Board (NSB). Of the 107 persons who have been members of this body over its 26 years of existence, this gentleman is the *third* appointee from the agricultural field.

The two other agriculturists who preceded him are Drs. Clifford M. Hardin and E. C. Stakeman. Hardin is an agricultural economist whose specialty lies in the realm of agricultural policy. He was chancellor of the University of Nebraska during his tenure on the NSB, from 1966-1970. Later he left Nebraska to become U.S. Secretary of Agriculture.

Stakeman, professor emeritus of plant pathology and botany at the University of Minnesota, was a member of the original board in 1950 and served until 1954. Stakeman emphasizes Minnesota's prominence in this area on the NSB.

Other University of Minnesota faculty members who have served on this prestigious board include the late Dr. Malcolm M. Willey, then vice president of academic administration, 1960-64, and Dr. Athelstan F. Spilhaus, a professor of physics, 1966-1972.

The National Science Board is the policy-making body of the National Science Foundation (NSF) which was established in 1950 as an independent agency of the executive branch of the Federal Government. Policies set by the board in support of science and the development of scientific manpower are implemented through the various programs of the Foundation.

The NSF assists Congress and the President in the evaluation of the impact of new technology. Its three major areas of concern deal with government, socio-economic effects and provision of technological innovation. The NSB's composition and purposes are defined in the following excerpt from the National Science Board handbook:

The National Science Board is composed of 24 part-time members



Photo by Paul Wychor

BILL HUEG, deputy vice president and dean of the Institute of Agriculture, Forestry & Home Economics, was recently appointed to the National Science Board. He will work to bring an appropriate balance in research among the physical, biological and social sciences.

and the director of the Foundation ex officio. Members are appointed by the President, with the advice and consent of the U.S. Senate, for six-year terms. They are selected because of their distinguished service in science, medicine, engineering, agriculture, education, public affairs or industry. They are chosen in such a way as to be representative of the scientific leadership in all areas of the Nation.

The officers of the Board, the chairman and vice chairman, are elected by the Board from among its members for two-year terms.

The principal role of the board is to establish policies for the NSF to fulfill its statutory roles to:

- *Initiate and apply scientific research and programs to strengthen scientific potential and science education programs;*
- *Evaluate the status and needs of the various scientific disciplines;*
- *Appraise the impact of research upon industrial development and upon the general welfare.*

The Board also assists in the formulation of major national science policies, particularly as they relate to the general state of science in the Nation. The Board initiates studies to identify promising areas of research to add to the fund of knowledge, to improve the quality of life and to assist in the solution of national societal problems.

The National Science Board is the only Federal body which has as its broad charter responsibility for the overall health of fundamental science in the United States.

The National Science Board assesses the status and health of science, including such matters as national resources and manpower and its various

disciplines in reports rendered annually to the President for submission to the Congress.

*In addition to formal reports to the President and the Congress, the Board also submits to the President from time to time its views on scientific subjects of major importance to the Nation and provides guidance to and assists the scientific and educational communities with matters of mutual concern through pronouncements of various types.**

To this assignment William Hueg brings a record of wide experience and impressive credentials. He is a Fellow of the American Society of Agronomy, a Fellow of the American Association for the Advancement of Science and is a member of several honorary societies. Scholastic honor societies to which he has been elected are Sigma Xi, representing scientific research, Epsilon Sigma Phi, extension research, Gamma Sigma Delta, agricultural achievement, Phi Kappa Phi, general academic accomplishment, and society of Phi Zeta for veterinary honors.

His farm experience comes from working as a teenager through high school and college on various farms in New York State. He earned his BS at Cornell University in Ithaca, New York, and both his MS and PhD at Michigan State University, East Lansing.

During the two years before he came to Minnesota in 1957, Hueg was a three-quarter time instructor in the Department of Farm Crops at Michigan State University. Prior to that, he was an assistant county agent in New York from 1948-50 and an instructor in crops and soils from 1950-55 at the State University of New York Agri-

cultural and Technical Institute at Alfred.

Hueg's first position at the University of Minnesota was that of an extension agronomist. Until 1962 he held that post along with an associate professorship and was responsible for the state extension program in all aspects of forage and oil seed crop production and management. His specialization in forage physiology and management and seed production resulted in a management system for improved forage quality.

From 1962 to 1966 Hueg was assistant director of the Agricultural Experiment Station and professor of agronomy. He had full responsibility for research coordination at the seven branch experiment stations and became the liaison with the Minnesota Legislature for the University of Minnesota and Institute of Agriculture. He has continued this liaison up to the present time. In addition, he was a leader of the People to People Agricultural Mission to Russia, Czechoslovakia and Northern European Countries in July 1964.

In 1966 he became the director of the Agricultural Experiment Station, and continued as such until 1975. During his tenure as director he held several regional and national posts related to agriculture and forestry research, and home economics. At the same time he headed the Saint Paul Campus Task Force for Facilities 1966-69. For the State of Minnesota he served as consultant and advisor to the Governor's Agricultural Study and Pesticide committees, respectively. He still serves actively on the Governor's Rural Development Council, and the Minnesota Agrigrowth Council as a charter member and director.

In June of 1974 he was appointed to

his present post, that of dean and deputy vice president for agriculture, forestry and home economics. In this position he serves as a central officer of the University, but also has coordinating responsibility for three colleges (Agriculture, Forestry and Home Economics), the Agricultural Experiment Station and the Agricultural Extension Service.

Academic responsibilities have not prevented this man from involvement in internal University affairs. He recently headed the search committee which brought Vincent Bilotta here as the executive director of the Minnesota Alumni Association. And for the University of Minnesota Landscape Arboretum he is an advisor as well as a trustee of its Foundation, and is on the board of directors for the Hormel Institute.

Hueg believes that "the first line of defense at home and abroad is food." He says, "Around the world, in the developing nations we have seen the seeds of revolution, if not actual revolution, because of lack of food. The stability of our government and economy even in its times of crisis was maintained because we had relatively abundant food. American agriculture is the envy of the developing world and a paradox in the United States . . . many national reports call attention to the need for expanded research and education in agriculture and related areas.

"The great challenge to the Congress — and to American agriculture — is whether we can develop a national food policy in this next year which will make it possible to meet the challenges for food in the remainder of this century at home and throughout the world," according to Hueg. "It is my concern that we will only concentrate on a new agricultural bill, and this may not be sufficient in scope and op-

Hueg feels that the first line of defense, at home and abroad, is food . . .

portunity in developing a policy related to food and fiber so necessary for the remainder of this century.

"International food policy must be high on the Carter foreign policy agenda."

Hueg is interested in International Agricultural Development programs because of the current world food situation. For the University's International Programs he acted as consultant to University of Minnesota agricultural program in Chile 1968 and to FAO (Food and Agricultural Organization of the United Nations), Project Hungary 7 April-May, 1972.

The 1975 title XII amendment to the U.S. Foreign Assistance Act calls attention to the opportunity for American research and education to assist developing countries with their food programs. (Hueg has been intimately involved in the development of an Institute of Agriculture in Morocco.)

In the current session of Congress there are no fewer than four bills in the House and Senate which address themselves to expanded research in agriculture and related areas — emphasizing an awareness of the critical world food situation in view of the doubled world population predicted in the next 23 years.

"With the tremendous land and climatic resources available to us, the willingness and skill of the American farmer and the attendant input and output industries which serve him, production agriculture will always be important in the United States," Hueg says. "Whether production agriculture receives the attention on the political scene that makes it possible for it to meet its full potential can only be determined by the action which the agricultural community is willing to take."

Hueg says, "We need a careful assessment of our national priorities. With a near doubling of the world's population in the remainder of this century, the challenge to agricultural scientists is greater than it has ever been before. Nature still holds tightly to her secrets of life, and it will be only with the strongest thrusts of basic and applied science that we will wrench those secrets from her bosom.

"The progress of agricultural science to date has made it possible for 800,000 farms in the United States to provide 88% of the United States' food and fiber production, and 25% of the world production."*

Minnesota Agriculture Commissioner Jon Wefald has said that "Agriculture is the number one industry of the United States and the world."

"There are about 2.8 million farms in the U.S. with the 800,000 which are the big producers, capitalized at approximately \$540 billion or about three-fifths of the capital assets of all U.S. corporations. By comparison, the automobile industry is capitalized at about \$80 billion annually," according to Hueg.

Hueg said his "presence on the NSB should help to communicate the importance of agriculture, forestry and home economics research and educational programs. A six-year term is ideal for effective service as it provides adequate time for orientation and then intelligent action. The 1978 budget has already been accepted, but I am having some input in the 1979 budget."

His new appointment requires six to seven days of time per month with three days spent in Washington D.C.; however, it is still difficult to judge its time involvement because as Hueg says, "You have a certain amount of work to do and you just do what you have to do — regardless of the time involved. I am accustomed to working a 48 hour day!"

From his past record of accomplishments it is evident that that has always been William Hueg's philosophy. It is also evident that he will have no trouble filling this post while carrying out his duties at the University of Minnesota.

Hueg's scientific and administrative capabilities, coupled with his enthusiasm for his new appointment, predict a more equitable distribution of attention to the various basic and applied sciences, accelerating public relations to focus public attention upon the working of the scientific community for the general betterment of mankind.

"This nation's continuing research programs have improved crop yields which are giving encouragement to a hungry world," says Hueg. "Our base is solid, our past contributions deserve great plaudits, but what we do in the future will determine the destiny of mankind.

"With some apparent mistakes in the past we have still made greater strides on a world wide basis because of scientific developments," to quote Hueg.

*The National Science Board Handbook
**Excerpts from a speech Hueg delivered to the 68th Annual Meeting of the American Society of Agronomy in November 1976.



REGENT EMERITUS RICHARD L. GRIGGS, left, Duluth, Minnesota, surprised the 75 guests at his 90th birthday party at the University of Minnesota, Duluth's (UMD) Kirby Student Center by presenting a \$50,000 check to Provost Emeritus Raymond W. Darland, right. Griggs said the money is to go into a "Raymond W. Darland All-American UMD Scholarship Fund" for outstanding UMD students.

At the December 8 luncheon Griggs was honored for his many contributions to UMD and the community.

A regent for 24 years, Griggs purchased the original 160 acres of tax forfeit land to give to the University for the UMD campus. He helped to raise money for the Kirby Student Center and was a major donor of funds for the 4,000-seat Griggs Field stadium, which was named in his honor in 1966, the UMD Campus Club for faculty and staff and several other major projects.

Griggs threw a second birthday party for himself and his friends in the Twin Cities on December 22. Among those attending from the University community to honor him were University President C. Peter Magrath, former Board of Regents Chairman Elmer L. Andersen, retired Vice President Stan Wenberg, former Minnesota Alumni Association Executive Director Ed Halslet and former Director of University Relations Bill Nunn. One of the first presidents of the Minnesota Alumni Association, Edgar Zelle, also attended the Twin Cities party in the Campus Club.

MINNESOTA

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Recapture the color, the tradition and the sounds of the University of Minnesota through its Concert and Marching Bands, its Glee Club and Chorus in this album of University of Minnesota songs.

The Minnesota Alumni Association is donating profits from the album to the University's Scholarship Fund.

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Do you recognize yourself in the cartoon?

Post office reunites Class of '41

You name it and the members of the Class of '41 have done it, been there and joined it.

Responding to the questionnaire sent out for their Reunion By Mail, they showed themselves to be inventors, writers, original women libbers, generous with time and talents, and travelers. They are the parents of the "baby boom" and they are proud of their offspring. Many of them, women as well as men, went from cap and gown to military uniforms or into war-related work. Some of them found careers in the service or worked in jobs related to their service experiences.

The Class of '41 has contributed well to the U.S. Department of Agriculture and its engineers have made their marks in the petroleum industry.

Ethel Lindsey Bovet, who went to Washington, D.C. as a WAVE, stayed on to work for the Potomac Electric Power Company, planning model kitchens. Now she is a school librarian. This career woman and mother of four reports, modestly, that of her two children who have master's degrees, one is with the World Bank, working in South America and Africa, while the other is with the Center for Atmospheric Research in Boulder, Colorado. Her youngest child is a freshman at North Carolina State. Her third offspring is also a college graduate, but she forgot to mention his vocation.

Ervin Denisen of Iowa State University is among the inventors, but you won't have much use for his strawberry harvester unless you raise the fruit. In fact, he and a co-inventor have patented three of the machines. His field is horticulture and he is an author and authority on the subject. The University of Bologna gave him a Medal of Appreciation for his work while he was a USAID consultant in Uruguay. His wife, Virginia Peyton Denisen, re-

ceived her degree in home economics from Minnesota in 1945.

Another Dinesen (note the difference in spelling), Harald Lauritz, also a graduate in agriculture, owns the Mankato Pet Clinic in Mankato, Minnesota. He is a doctor of veterinary medicine and has taught as a vocational agriculture instructor.

They are doctors, lawyers, postmasters, teachers and inventive engineers . . .

There are also a number of postmasters in the Class of '41. Stanley Forbes Drips lives in Rochester, Minnesota, where he is sectional center manager postmaster. His work with the Boy Scouts earned him the title of Scouter of the Year. If you don't find him in the Post Office, look for him chairing the mayor's parking and traffic committee.

Baraboo, Wisconsin, had a second Class of '41 member as its postmaster — John Frederick Scharnke — until he retired in 1973. He has since traveled to 45 states, 9 Canadian provinces, 4 states in Mexico, the islands of the Caribbean and to 7 foreign countries.

The women of the class have contributed their share in distinguished careers. Sister Annette Walters is professor of psychology at Ambrose College in Davenport, Iowa. A former academic dean at St. Catherine's in Saint Paul, she serves on the board of St. John's Mental Health Institute for Clergymen and has authored *Persons and Personality*. She was a Fulbright Research Fellow at the University of Louvain in Belgium.

Laura Lilly Zetsche has worked with the blind in Portland, Oregon, first in the public schools and then at Portland

State University. She retired in 1975, having been chosen Portland's Woman of Achievement in 1973. She was with the American Red Cross Field Service during WWII. The U.S. Department of Health, Education & Welfare and the American Foundation of the Blind have issued pamphlets she has written. Her work with the blind came out of her experiences as a social worker, yet she was trained at Minnesota to be a librarian.

Patricia Jessie Snyder calls herself "an itinerant teacher of the visually handicapped." She works for the Portland Public Schools and is a Braille volunteer. Also a traveler, she has spent weeks in South Africa, England and Ireland. Looking for rocks? She and her husband belong to the Mount Hood Rock and Mineral Club.

Then there is the Olson who married an Olson — Helen Genevieve Olson married Robert T. Olson in Rush City, Minnesota. Helen is the principal senior laboratory technician at the University of California, Santa Cruz.

Minnesota women of '41 are also in the medical field: Mary Muedeking Gula is a research associate in microbiology at the School of Biological Sciences, Oklahoma State University, Stillwater. She and husband Edward have four children. She ran for Congress in 1970.

Elizabeth Cavert Miller is professor of oncology and associate director of the McArdle Laboratory for Cancer Research at the University of Wisconsin. In 1975 she was president-elect of the American Association for Cancer Research. She has received the University of Minnesota's Outstanding Achievement Award.

Theodora Ooyman Dunn's and Bea Feickert Farmer's career grew from their WWII nursing service. Teddy is coordinator of the injury control programs in the Division of Public Health, Department of Community Services, Saint Paul. She won the Pfizer Award of Merit in 1973. Bea won the Clara Barton Award given by the American

Red Cross in 1974. Hers has been a volunteer's career in Los Angeles. She worked at Camp Pendleton as a Red Cross volunteer nurse processing Vietnamese refugees.

Lois Robertson Engel is a high school nurse in Edina, Minnesota. She and husband Walter, who is retired, summer on the Rainy River.

Arline Alrick Castleberry received her degree in interior design and architecture. Her business is called "Arline Castleberry, Building Designer" in Burlingame, California. She and her husband, a 1948 Minnesota PhD, have lived in Beirut and in Uppsala, Sweden, where they also taught. They have two children.

Alaskan woman serves on Board of Regents, neighbor is soil scientist . . .

We don't know what D. B. Rosenblatt, Inc. is, but Phyllis Banks Rosenblatt is its president. She has time to do volunteer work for Brandeis University, act as a tour guide at the Walker Art Center in Minneapolis and is interested in Continuing Education for Women at the University of Minnesota. She is also a grandmother.

Teachers? Of course, both male and female. Margaret Jane Gray Hall knows what it is like to live in a changing Alaska. She teaches special education classes in the Kodiak Island Borough School District. She also serves on the Board of Regents of the University of Alaska. Her classmate husband, Hugh, is the Episcopal priest at St. James Fisherman Episcopal Church in Kodiak. The couple has also lived in the Alaskan communities of Wrangell, Seward and Ketchikan.

An Alaskan neighbor, Winston Means Laughlin, is a soil scientist for the U.S. Department of Agriculture in the Agricultural Research Service at Palmer. He was Kiwanis Layman of

the Year and has authored 50 scientific publications.

Wonder whether Roger Oberg and his wife visited their Alaskan classmates when they camped in the Arctic last summer? They had been living in Oslo, Norway, temporarily where Roger taught organization management at the Northern European Management Institute. His home base is Michigan State University, Lansing, where he is professor of management. The Obergs parked their camper in Russia during a two-week jaunt. "It was like a prison camp or an Army post with police and red tape," they wrote. Camping in Turkey, Greece, Spain and Italy was different.

Like mother, like son. Mary Evelyn Brodt Trittle is the music teacher for the Brookings, South Dakota, public schools and is a member of that state's High School Orchestra committee. The elder Trittle son, Thomas, is co-principal in the horn section of the Rio Janeiro symphony. Robert, the younger son, is a first lieutenant in the U.S. Army Nursing Corps. Papa James is a dentist from the Class of '43.

State man has designed special equipment for the handicapped . . .

The engineers have patents for things in the up-yonder and the down-under. Gerald Syrovoy holds seven patents on nuclear power reactors and gas turbines. He is with General Electric in Culver City, California, as senior member of the technical staff there. Carl Harden patented citrus processing machinery. He writes a syndicated column for American Features from his home in Newport Beach, California. On oranges, grapefruit and tangerines? He doesn't say.

George Peter Masologities, Olympia Fields, Illinois, is a modest fellow, he is manager of research and development for the Atlantic Richfield Company, inventor of petroleum and petrochemical processes and the author of technical papers on the same. (Footnote: he is considered a World Authority on petroleum.)

Washington Scientific Industries, Inc. develops and produces home appliances. Its vice president, William A. Andres, Hopkins, Minnesota, was involved with the development of the Lillehei-Kaster heart valve at M. H. Graham Corporation of which he was a founder. Microfilm readers, which his company developed for the U.S. government, are used by the visually handicapped.

Eight patents in petroleum are held by William J. Baral who lives in Long Beach, California. He is associate director of research for Union Oil Company of California. Frank Beach is a staff engineer and equipment coordinator in exploration and development for Cities Service Oil Company of Tulsa, Oklahoma. He has published widely in petroleum journals.

Among the doctors and dentists is Robert W. Brandes, an obstetrician in Peoria, Illinois. His commitments, he says, are to his family of six children, ages 10 to 27, to community and to medical practice. Dr. Norman Carlson practices medicine in Fall River Mills, California, solo.

Muriel Brunt Poirrier and her husband, Maxime, practice pedodontics, or children's dentistry, together in Jacksonville, Florida. She is his assisting nurse. They have worked on the staff of five hospitals caring for handicapped children. One of their sons is a Navy dentist, another a high school

University will control enrollment growth

Enrollment growth at the University of Minnesota will be controlled through "fine tuning" of current admissions policies beginning with the 1977-78 biennium. The limiting procedures will affect only the undergraduate programs at the University of Minnesota, Duluth (UMD) and the College of Liberal Arts (CLA) and General College (GC) on the Twin Cities campus.

"There should be no fundamental or significant change in the current admission standards of the University of Minnesota," University president C. Peter Magrath said. "There should be as few changes as possible in our current admissions procedures."

The major technique to be used in controlling growth will be an application deadline of April 15, 1977, for the fall quarter this year, Magrath said. The deadline had been July 15.

This early application deadline, combined with the publicity already given to the University's limited resources and enrollment pressures, should be enough to reduce the number of applicants, Magrath said.

biology teacher, a third a college student, and then there is a 10-year-old.

Class of '41 members are joiners. Stan Wenberg, a University of Minnesota vice president until his retirement in 1974, belongs to the Minneapolis Dunkers Club. Elizabeth Boyle, former supervisor of the Home Service department of Minnegasco in Minneapolis, works with retired people in St. Paul and volunteers time for KTCA-TV when that education station has its annual auction to raise funds. Parks Dahlgren, a turkey farmer in Morton, Minnesota, belongs to the Elephant Club. Since he is in Republican politics in the sixth district that makes sense.

After years with Proctor and Gamble in Cincinnati, Ohio, Eben Martin joined the fruit farmers in Michigan, at Northport. Donald J. Greb, manager of the measurement standards laboratories for Lockheed Missiles & Space Company, Sunnyvale, California, runs "Grebs' International" as a side line. Once a year Greb and his wife Zita sponsor a golf tournament or tour.

Walter Miller, a CPA, is an office manager at the J. K. Auto Parts, Inc., in Bailey Crossroads, Virginia, during the week, but his heart is in the Montgomery County Coin Club. Treasurer of the Metropolitan Washington Numismatic Association, he wrote that annual coin shows have netted as much as \$30,000 for retarded citizens' organizations.

Among the many outstanding graduates in the Class of '41 are Victor Cohn, science and medical reporter for the *Washington Post*; Erick Schonstedt, president and founder of the Schonstedt Instrument Company in Reston, Virginia; Robert Hefty, director of public information for the Ford Company; Carl V. Olson, senior patent counsel for the RCA Corporation in Princeton, New Jersey; Victor Powell, dean of Wabash College, Crawfordsville, Indiana; J. Grandel Jones, vice president of CBS, who lives in New York;

E. Dudley Parsons, a retired consultant in Audio-Visual education headquartered in Minneapolis; and Harry A. Wilmer, a professor of psychiatry at the University of Texas Science Center in San Antonio.

Many of the class members have been boosters of the University of Minnesota in local chapters.

UMD will not turn away qualified students

The University of Minnesota-Duluth (UMD) does not expect to turn away any qualified students who seek admission during the next two years if adequate funding is provided by the Minnesota Legislature.

Provost Robert L. Heller said that the enrollment limitations approved by the Board of Regents for 1977 and 1978 "will allow us to continue to grow at the rate of about 300 students per year in a manner similar to our current growth pattern."

"In light of the continued growth of the University system and particularly UMD, we are hopeful that the 1977 Legislature will look with favor on our requests," Heller said. "If we are to continue to meet the educational needs of a growing number of students, we must have funds to hire the necessary faculty and support staff."

UMD's 1976 fall quarter enrollment was at a record high of 6,561 students, up 5.7% over 1975. The Regents have set a UMD enrollment limit of 6,892 for fall quarter 1977 and 7,195 for fall quarter 1978.

"We can live comfortably with these ceilings," Heller said. "We could have a freshman class next fall of up to 2,100 students." The freshman class in 1976 was 1,900.

The UMD admission office urges students interested in attending UMD next fall to apply before the application deadline of April 15, 1977.

"We are talking about a system that would reject and hopefully divert to other educational institutions approximately 1,300 students in 1977-78 and 2,100 students in 1978-79," Magrath said. "I should emphasize that this is a small number of students in terms of our total base of undergraduate students that come to the University of Minnesota."

If moving up the application deadline is not enough to control growth, the University president said, the institution would then begin discouraging community college students from transferring to the University until after their second year.

"Many of these students, we believe, could remain in their community colleges for the full two years, thus easing enrollment pressures on the University," he said. "We are in touch and we will work closely with the community colleges on this."

If all of these procedures are not enough, Magrath said, then the University would begin scrutinizing students who have dropped out of the University and are applying to return.

"All students applying for re-admission will be individually counseled, and those judged unlikely to make adequate academic progress will be advised of potentially more suitable educational alternatives," he said.

A black student representative to Regents' committees expressed his concern that the publicity on enrollment limits would scare away marginal students from minority groups who may be thinking about attending the University.

Magrath said that there would be enough scholarship money to continue programs which emphasize the recruitment and retention of students from minority groups.

The University proposed enrollment controls in 1968 and, because of the publicity the idea generated, the number of applicants declined so much that the controls were not necessary, Magrath said.



C. Peter Magrath Photo by Tom Foley

"There is some indication that the publicity surrounding our proposed enrollment controls for 1977-79 might be leading to the phenomenon that was experienced in 1968-69," he said.

The enrollment limits have been incorporated into the University's request to the 1977 Legislature and are intended to hold a potential 67,247 enrollment peak in 1981 at about 61,000 in order to control the University's physical growth during the expected enrollment bulge in the next 15 years.

Waseca student enrollment is four years ahead of projections

Enrollment projections for the University of Minnesota Technical College, Waseca, have been based on reaching 1,000 students by 1980-81. However, the college's enrollment has reached this projection with an official registration of 996 students for winter quarter 1977.

This year's winter quarter enrollment compares with 843 students registered a year ago.

"We've come a long way since the college opened in the fall of 1971 with 131 students enrolled for the first quarter," Provost E. C. Frederick remarked. "We continue to show our highest enrollment for the year during the winter quarter. The 1977 winter quarter enrollment shows an increase of 145 students over fall quarter 1976."

"This is a pattern which has existed since the college opened and reflects its agricultural mission. A number of students stay at home or on the job for fall harvest and then return to classes in the winter months. This is also when part-time students, primarily farmers, have time in their busy schedules to take courses at UMW where they are encouraged to enroll."

"As a consequence," Frederick continued, "a number of courses are scheduled in the evening because of tight scheduling during the day. These offerings are no different from those in the day program. Both full-time students working in a degree program and part-time students attend evening classes."

According to Jim Hesch, supervisor of Admissions, Records & Financial Aids, a breakdown of the winter quarter enrollment figure shows that there are 863 students attending classes on the Waseca campus, while the remainder are attending courses held at the Rochester Consortium, or in Hayfield and Amboy. These off campus classes are a direct result of the college's Rural Outreach program that is designed to make the courses, services and facilities of the University available to farmers and farm families in southern Minnesota.

Is this the year best-ever really is?

The following article, which appeared on page four of the March 6 St. Paul Sunday Pioneer Press Sports Section is reprinted here through the courtesy of the St. Paul Sunday Pioneer Press and its executive editor, John Finnegan.

By Charley Hallman,
St. Paul Pioneer Press Staff Writer

Will the University of Minnesota ever escape membership in the "Little Eight" conference?

In football, where the supposed Big Ten has become the "Big Two" and "Little Eight" the past decade, Ohio State and Michigan annually smell roses, while Minnesota and its seven partners in misery dream of returning to respectability.

Starting in 1933, the glorious Gophers finished 4-0-4, 8-0, 8-0, 7-1, 6-2, 3-4, 9-0, 8-0 and 5-4 in a decade of football long remembered by University of Minnesota fans.

Five unbeaten seasons, four national championships, six Big Ten titles, five of them outright.

But since then: Two shared Big Ten titles, in 1960 and 1967. And only two trips to the Rose Bowl, in 1961 (the Gophers lost to Washington, 17-7) and 1962 (Minnesota beat UCLA, 21-3).

Next fall will be Cal Stoll's sixth season as University head football coach. Every year since Stoll took over the Gopher reins, we've received promises the glory days are again around the corner.

And every fall we've been disappointed. Stoll's five-year record is 27-28. His best season was 1973. The Gophers were 7-4. But even in '73, the Gophers suffered humiliating defeats at the hands of Nebraska, Ohio State and Michigan. The combined score of those three games was Opponents 138, Gophers 21.

Every spring, we're told the Gophers have just had their best-ever recruiting year — stars of the future to play Moses and lead Minnesota out of 40 years of wandering in the Big Ten desert.

Well, Stoll and the publicity office at the University are out beating the drums again about the current crop of recruits who have signed national letters to attend Minnesota this fall.

The Gophers have recruited 14 out-of-state "Superstars," 10 in-state "Superstuds" and added five others, four transfer students and one walk-on, to the scholarship rolls.

"Incredible recruiting year," chortled one who annually tells of such things. "Cal Stoll's best ever."

Again.

The Pioneer Press tracked down the 14 out-of-state athletes, contacting various newspapermen in the area to get unbiased assessments of them.

The Gophers have traditionally lacked strength at running back (lack of speed), defensive line (not enough quickness) and at the receiver positions (although the past couple of seasons, the receivers have been quite good).

Here are the opinions of various reporters of Gopher prospects:

Bob Viggiano, Camden (N.J.) Courier Post — All three kids Minnesota recruited out of New Jersey (Glen Howard, Roger Artis and Chester Cooper) were named to the All-South Jersey team our paper selects. Howard and Cooper were teammates at Paulsboro, which won its conference. Howard played offensive and defensive end his first three years at Paulsboro but was shifted to quarterback his senior year — and also played middle linebacker on defense. He's a big strong kid, very agile, completed 50 of 94 passes for 754 yards and rushed for 693. A very gifted kid.

Cooper is a thin kid, plays receiver on offense and safety on defense. He's a burner, he's run the 100-yard dash in 9.8. I think he's the best college prospect. Caught 33 passes for 633 yards and nine touchdowns and intercepted seven for four more scores. Artis is a big, strong tailback who played at Hadden Heights, which had a dog of a team. Still scored 27 touchdowns in three years. A very quick starter, has run a 4.5 40-yard dash in football suit. Three of our four or five best players in the area. Frankly, I thought all three were headed to Penn State or Pittsburgh.

Taylor Bell, Chicago Daily News — I cover the Chicago area prep beat. Of the four kids Minnesota recruited in the area (Dana Noel, Duane Gregory, Kurt Mangum and McKinley Nash), Noel is definitely the best. I

think he's the best runner in the Chicago area. Everyone was after him. I thought he was going to Michigan for sure. I've seen him play seven or eight times. Played at the same school (Wheaton Central) that Red Grange did. Very fast kid, 9.8 in the 100, very agile. Was All-Chicago and All-State.

Nash is a super prospect who was hurt most of last year. He's simply a giant (6-5, 240) and has bench pressed 450 pounds. When he wasn't hurt, was the best lineman I saw. But some question his motivation. The other Evanston kid (Mangum) is a throw-in. A fairly-sized kid but there are a lot of them around.

Gregory played for Proviso East. The only game I saw him play he was stopped cold. But he does have a pretty good reputation and was All-Chicago.

Dick Denny, Indianapolis News — Minnesota recruited one boy in Indiana, a kid named Jeff Snodgrass from Valparaiso. He didn't make the first three all-state teams but we've been wrong before. Dick Dellihan (coach at Carmel, which played Valparaiso) remembered the kid, though, as a big, ornery lad who improved a bunch between his junior and senior seasons.

Michael Lyons, Waco (Tex.) Times Herald — I was really surprised to hear Garry White from Rockdale was going to Minnesota. We all thought he was going to either USC, Rice or Baylor. He was the best runner in our area when he was 'on.' He missed six of his team's 15 games but came back to lead Rockdale to the state Class AA (Middle-sized schools) title. He had an incredible final game, scored three touchdowns, two on long interceptions.

Hal Schram, Detroit News — Minnesota got a couple of pretty good boys in Detroit, particularly Ken Dallafior, a first-team All-State tackle from Madison Heights. Just last weekend, he finished runnerup in the state wrestling tournament, losing on a referee's decision in the finals. Michigan really wanted him.

The other kid, Marion Barber from Chadsey, is a big, quick running back, one of the top 20 recruits in the state but not one of the top couple of backs. He did make All-Detroit and second team All-State. He does the 100 in less than 10 flat but I don't know just what his figures were.

Ron Buckli, Eau Claire Leader — Minnesota signed the brother of a kid they signed last year. Brent Harms from Rice Lake is Scott Harms' brother, and their younger brother, Dana, will be a senior next year. We didn't feel Brent was as good as Scott but he was a tough, power-running back. I didn't see him, I'm judging him on the basis of information we received that fall.

Of the Gophers' 10 in-state recruits, all but three made last fall's Pioneer Press all-state team. The players that didn't are Bill Prairie, a defensive back from Rosemount, tight end Jim Fahnhorst of St. Cloud Tech and linebacker Dave Vanzo of Wayzata.

"Prairie is an exceptionally-quick defensive back," says Stoll. "He's capable of doing the 100 under 10 seconds, as is Kevin Peters, one of our other state recruits from Cloquet."

"Fahnhorst was hurt much of last year but is muck like his brother, Keith, who played very well for us and now plays with the San Francisco 49ers in the NFL. Vanzo? We're afraid we could lose him in the spring. He's an exceptional all-around athlete, a tremendous baseball player who hit over .600 in the Lake Conference last year. His dad Fred was an All-Big Ten quarterback at Northwestern in the '30s."

Stoll does rate this crop "as one of our best. With some of the kids we have returning like Roger Frazier and Elwin Burdette, plus kids like Noel, White, Cooper and Barber, we'll have fine quickness at skilled positions, better than we've had at the University."

"When you add in transfers like Elmer Bailey, Rick Bowen and Jim Marcella, we've had a great year. Bailey is going to be a very fine Big Ten player," Stoll added.

But was this the best ever?

Will this '77 group enable the Gophers to sneak out of the "Little Eight" and into dreaming of roses again?

It's hard to tell. But for one, this University recruiting effort had landed something Gopherdom has never had before — speed.

And if one or two of the flashy, fast backs can play the game, maybe, just maybe, Memorial Stadium will be full every Saturday in a couple of years.

GOPHER FOOTBALL RECRUITS

IN-STATE

Player	Hgt.	Wgt.	Position	School
Anderson, Jim	6-3	227	Off. Tackle	Fairbault
Bebel, Chris	6-4	228	Off. Tackle	St. Thomas
Dowd, Scott	6-4	225	Linebacker	Park Center
Fahnhorst, Jim	6-5	200	Tight End	St. Cloud Tech
Johanson, Tom	6-3	210	Linebacker	Cloquet
Peters, Kevin	5-11	205	Halfback	Cloquet
Prairie, Bill	6-0	175	Def. Back	Rosemount
Pylatiuk, Greg	6-3	175	Qutrbck	Columbia Heights
Orgas, Mike	6-4	235	Off. Guard	Park Center
Vanzo, Dave	6-1	235	Linebacker	Wayzata

OUT-OF-STATE

Artis, Roger	6-2	180	Tailback	Hadden Heights (NJ)
Barber, Marion	6-3	195	Halfback	Chadsey (Mich)
Cooper, Chester	6-0	175	Receiver	Paulsboro (NJ)
Dallafior, Ken	6-5	252	Def. Tack.	Mad. Hghts. (Mich)
Gregory, Duane	6-0	215	Halfback	Proviso East (Ill)
Harms, Brent	6-3	205	Linebacker	Rice Lake (Wis)
Howard, Glen	6-2	210	Linebacker	Paulsboro (NJ)
Mangum, Kurt	6-2	210	Linebacker	Evanston (Ill)
Nash, McKinley	6-5	240	Middle Guard	Evanston (IH)
Nielson, Mike	6-6	215	Off. Tackle	Sturgeon Bay (Wis)
Noel, Dana	5-10	175	Halfback	Wheaton Ctr. (Ill)
Odegard, Brad	6-5	220	Off. Tackle	Agoura (Calif)
Snodgrass, Jeff	6-4	240	Off. Tackle	Valparaiso (Ind)
White, Garry	5-11	185	Halfback	Rockdale (Texas)

SPECIAL CATEGORY RECRUITS

Bailey, Elmer	6-1	185	Receiver	Mechanic Arts*
Bowen, Rick	6-4	220	Linebacker	Tartan*
Hoffman, John	6-0	210	Def. Back	Morgan Park**
Kuduk, John	6-0	220	Middle Guard	Edison*
Marcella, Jim	6-2	200	Receiver	Virginia*

*Transfers, who all have three years of eligibility. John Kuduk has two.

**Walk-on.

Intercollegiate Athletics spending revealed

At the end of February, University officials revealed how they would spend the more than \$2.5 million that Governor Rudy Perpich has recommended for intercollegiate athletics at the University if it were appropriated by the 1977 Legislature.

Walter H. Bruning, vice president for administrative operations, defended the \$1.25 million the University requested for the next two years as necessary to bring it into compliance with federal law requiring similar opportunities for both men and women in sports.

In his biennial budget message, Governor Perpich recommended an equal amount for Men's Intercollegiate Athletics, which the University has not requested.

Bruning said the University would spend \$917,495 of the money for men's sports on the Twin Cities campus over the next two years and divide the rest between the other four University campuses for use in Men's Intercollegiate. Funds used for the Twin Cities campus would pay for the "non-revenue" sports which have previously been

supported by income from football, basketball and hockey.

Bruning said that the money would allow the University to pay \$100,000 a year toward the \$450,000 deficit in men's sports, pay \$75,000 a year toward the Bierman Field Athletic building debt, pay off anticipated deficits, pay off the new turf in Memorial Stadium and remodel existing facilities on the Twin Cities campus.

Money for Men's Intercollegiate Athletics on the other campuses would be divided as follows: Crookston, \$52,889, for the two years; Duluth, \$190,600; Morris, \$47,507; and Waseca, \$56,109.

Women's Intercollegiate Athletics would be made equitable with the men's programs in the areas of coaching, travel, meals and lodging and equipment. "We think it's only fair that women have equal opportunities to travel to out-of-town activities as the men have," Bruning said.

He believes, however, that no women's intercollegiate program is directly comparable to the men's football program, so that the University doesn't plan to provide a budget for women equal to that of the Gopher football program.

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THE MANY FACES of Women's Intercollegiate Basketball Coach Jenny Johnson are seen in these pictures by Pam Smith. Though the exuberance of the coach and her 1976-77 charges was unparalleled for the season, the Gopher women finished second in the state tournament, losing for the third time to arch-rival Saint Cloud State University.



By Dave Shama

Twelve months ago Jenny Johnson became the first coach to secure a place for her team in the 1977 Association for Intercollegiate Athletics for Women (AIAW) national basketball tournament.

When the University of Minnesota was selected as the host school for the tournament, Jenny's Gophers received an automatic tournament berth. So while other schools across the country have to worry about winning state and regional competitions to qualify for the 16-team national championship games in Minneapolis on March 23-26, the Gophers know they'll be there.

And that, of course, is just what Jenny had in mind when the opportunity to host the event came up last year. "Belmar Gunderson (then women's athletic director) came by my office one day and asked me kind of casually if we should host the AIAW tournament," Jenny recalled. "I said, 'Sure, let's host it.'"

"I knew the tournament would be a once in a lifetime opportunity for the kids and would help create interest in our team."

Jenny is willing to use words like "monumental" and "turning point" when she describes the importance of the tournament to Minnesota women's basketball program which is still in the developmental stage. A chance to play in a national tournament against the powers of women's basketball is obviously a plus for the University, according to Jenny.

She had hoped the Gophers would win their state and regional competi-

tions and qualify for the AIAW tournament, instead of riding in as the host team. However, the team lost in the final game of the state tournament and now must face the No. 1 seeded team in their first game of the national tournament. That could mean trying to match up against defending national champion Delta State.

GOPHER TALES

"We might have to work awfully hard to avoid being embarrassed in a game like that," Jenny admitted. "But we could look on that game, or any other in the tournament for that matter, as a challenge. I would hope our attitude would be, 'Let's go out there and knock them off.'"

Jenny, 26, is convincing when she says that the responsibility of coaching in the national tournament doesn't awe her. She will be seeing some of the name coaches in women's college basketball, such as Cathy Rush who has coached tiny Immaculata College (650 students) to three national titles.

"Coaching against her would be like coaching against John Wooden," Jenny said. "But we're all coaches, including me."

Jenny has had coaching aspirations since she was in the fourth grade back home in Milan, Indiana. "I've always had a lot of natural ability in sports and had some success," she said casually. "And I've always liked the idea of spreading my knowledge."

As a youngster she played sports informally with her father and a younger brother. Naturally, basketball was a major interest. She and her brother would shovel off the snow on an outdoor court in the winter so they could play.

"We lived about 50 miles from Cincinnati and one of my childhood memories is going to a pro game there and buying a book about how to play basketball," Jenny said. "I remember that for a long time after that I worked hard on learning to use my left hand for dribbling, as well as my right."

Athletic opportunities for girls at her high school were almost nonexistent, but Jenny found amateur softball and basketball teams in Cincinnati to play on as a teenager. Later at Franklin (Ind.) College she played field hockey, volleyball, basketball and softball.

And since leaving college she has continued to compete in softball and field hockey. She plays on a men's intramural softball team and also on a women's team which won the U.S. Slowpitch Softball World Tournament last year. Jenny was named the Most Valuable Player in that tournament.

After receiving her undergraduate degree at Franklin, she went to Indiana University to work for a master's. During that time she coached basketball for the first time, at no salary for a local high

school girls team. Apparently she was well received by her players because at the end of the season they collected \$75.00 and gave it to Jenny as a gesture of appreciation.

In 1974 she went to South Dakota State where she coached basketball and softball. Then she came to the University where she took over as basketball coach. She is also assistant softball coach and teaches three physical education classes during the school year. Her salary of \$15,000 is paid from the women's intercollegiate budget.

Jenny's salary, which is bigger than the entire women's intercollegiate budget was a few years ago, is indicative of the increased support intercollegiate athletics for women is receiving. Some women, including three basket-

MINNESOTA'S KATHY ELLAND (#15) goes high after a rebound in Women's Intercollegiate regular season play. The Gophers did not make it to the national tournament through regular play-off channels, but will have a tournament berth because they are the host team for the 1977 event.

Photos by Pam Smith



SCHEDULE OF EVENTS for Williams Arena

Wednesday, March 23
First round games at 1, 3, 5, 7 and 9 p.m.

Thursday, March 24
Quarter final games at 1, 3 and 9 p.m.

Friday, March 25
Championship semi-finals at 7 and 9 p.m.

Saturday, March 26
Consolation finals at 12 noon
Third place playoff game at 2 p.m.
Championship finals at 4 p.m.
Awards and Closing Ceremonies at 6 p.m.

Sixteen outstanding women's basketball teams will play in this, the most prestigious women's basketball event of the year, the 6th AIAW National Basketball Championship. Currently hundreds of college and university women's teams are playing in regional competitions for these national tournament berths.

The tournament is a single elimination event, with a consolation bracket. Teams losing in the second round also enter the consolation bracket.

First round games will also be played on Wednesday, March 23, at the Bierman Field Athletic building at 2 and 4 p.m. And all consolation games will be held at this facility. Due to limited seating available at Bierman, tickets for games there are sold only at the door. Bierman ticket prices for first round games are \$3.50 for adults and \$2.50 for students; all other games are \$2.00 for adults and \$1.00 for students.

1977 AIAW NATIONAL BASKETBALL TICKET APPLICATION

Mail to: Linda Wells, Tournament Director, 238 Bierman Building, 516 - 15th Avenue S.E., University of Minnesota, Minneapolis, MN 55455

Reserved Seating:	Adult	Student	TOTAL
Series (general admission to all games at Williams Arena, plus reserved seating for all Saturday contests)	@ \$12.00	@ \$8.50	\$ _____
Sat., March 25 (reserved seating for all Saturday contests)	@ \$ 5.00	@ \$4.00	\$ _____
General Admission: (for all games played at Williams Arena for date purchased)			
Wed., March 23	@ \$ 3.50	@ \$2.50	\$ _____
Thur., March 24	@ \$ 3.50	@ \$2.50	\$ _____
Fri., March 25	@ \$ 3.50	@ \$2.50	\$ _____
Sat., March 26	@ \$ 3.50	@ \$2.50	\$ _____
Postage & Handling			\$.50

Total Remittance

Make checks payable to the University of Minnesota. Tickets are assigned on first come, first served basis and will be mailed about 10 days prior to championship. Counter sales will begin March 7. Group orders must be enclosed in same envelope to assure block seating. For further information, call 373-2255.

Name _____
Address _____
City _____ State _____ Zip _____

Gopher Tales . . .

(From page 9)

ball players, have athletic grants based on financial need. The maximum grant is \$800 per year.

Although travel by land is still the norm for the women's teams competing in games and meets away, the basketball team flew to the Big Ten championships for the first time this year.

Thus far Jenny has not been pressured by the public to be a winning coach, but the responsibility of coaching provides pressure in itself. "We've got more basketball ability on this year's team than at any time previously," Jenny said. "We have 12 or 13 players who can play. I feel pressure for us to win because of this situation."

Although the team is having a winning season, Jenny is not satisfied with the Gophers' consistency. "I feel responsible for that," she said. "Maybe we play this way because we're a young team with no seniors. These girls were all stars in high school. Here they have had to learn to play together and they can't do that alone."

The Gophers have no players over 6 feet tall. All, except one of the women, are from Minnesota. "Some schools are starting to recruit and a few are coming up with some tall girls," Jenny said. "One school in Georgia has recruited a 6-foot-7 player who is 34-years-old."

Thus far basketball and other women's intercollegiate sports are fairly low key, with little emphasis on recruiting and the general commercialism that characterizes men's big-time intercollegiate athletics. Jenny reflected on yet another low key approach the women are taking:

"I seldom yell at my players," she said. "Instead, I prefer to drop clues for them. Unfortunately, they don't pick up on them as quickly as I would like."

Sometimes her players think she should be tougher. A player told her once, "I want you yelling at me all the time."

Frequently, the players have challenged the young coach's knowledge of the game. "Especially when the girls get to be a little older, they start to think that maybe they know as much as the coach, but I take that as a challenge to show them that I know more," Jenny said.

And the Gophers should listen to Jenny. After all, she got them to the national tournament.



Every Woman is a Winner

By Dru Ann Hancock, Women's Intercollegiate SID

Lucy Harris is a popular, attractive young woman who is on the dean's list at Delta State University. Voted Delta State University's Homecoming Queen last fall, Lucy enjoys cooking, reading and sewing. But more than anything else, Lucy Harris loves basketball. And why not? She is considered by many to be the finest female player in the country, and largely because of Lucy, Delta State has won the past two national championships.

The achievements made by Delta State's basketball team are nothing short of remarkable. After a 40 year layoff Delta State University renewed women's basketball four years ago. Delta's coach is Margaret Wade, who at 63 came out of a 14-year retirement for a chance to work with young athletes. Over the past three seasons, the Lady Statesmen have won two regional titles, a pair of national championships and have compiled an amazing 77-3 record.

The University of Minnesota has received the bid to host the sixth Association of Intercollegiate Athletics for Women (AIWA) National Basketball Championships. Assuming Delta State University again qualifies by winning its region, Delta State will be the number one seed in the 16-team tournament. The championship will be held at Williams Arena on March 23-26. Area basketball enthusiasts will have their first chance to see the best women players in the country competing for the national title.

Making it "three in a row" will not be an easy task for Delta State. The skill level and quality of the women's game has improved greatly in only a few years and there are several other teams with Olympic players who are capable of beating the defending champions.

Immaculata College, which had won three consecutive national titles before being knocked off by Delta State in the finals for two straight years, has an excellent chance to dethrone the Lady Statesmen. The "Mighty Macs" are currently ranked third in the country with a 17-2 record.

Another top contender is Wayland Baptist, a Texas team which has been rated at the top of the polls for most of the season. Wayland, now 19-2, has competed in several AIWA tournaments but has never come out on top.

California State-Fullerton, with Olympian Nancy Dunkle, is one of two California schools with a good chance to qualify from its region. The other is UCLA, which is led by All-American Ann Meyers, also an Olympic player.

The tournament promises four days of exciting basketball. Because of the rotation schedule of national events, Minnesota's region will not have an opportunity to again host the championship for another ten years.

As hosts of the championship games, the University of Minnesota receives an automatic berth in the tournament. The Gophers could help their own cause by winning the AIWA Region 6 title, which would give the host berth to another school from this region. If not, Minnesota has the unenviable chore of meeting the #1 seeded team in the tournament's first game. Most experts pick that team to be — you guessed it — Delta State.

For further ticket information on the national championship at Williams Arena, call the Women's Athletic Department at 373-2255.

← THE 1977 NATIONAL TOURNAMENT could well be a shootout between Delta State and Immaculata. Last year Delta State won it all despite Immaculata offensive efforts from Denise Burdick (55) who shot over Delta State's Debbie Brock (22) for two points.

Photos by Laurie E. Usher

→ TWO MAJOR COLLEGIATE COACHES are Margaret Wade, in photo at bottom right, advising Delta State's Debbie Brock (#22), and Immaculata's Cathy Rush, bottom left, discussing plans with Susan Martin (#30). Wade, at age 63, came out of a 14-year retirement to coach her young athletes to two national championships in the last three seasons. Rush led the "Mighty Macs" to three consecutive national titles before they were dethroned by Delta State's "Lady Statesmen."

Independent study program for mental health administrators started by University

The first-independent study program in the country for mental-health administrators has been established by the University of Minnesota's program in hospital and health-care administration.

The three-year program will give practicing mental-health administrators an alternative to full-time on-campus study. Two-week residential on-campus sessions will introduce each of three one-year courses, and a one-week on-campus session will conclude each course.

In addition, the courses will include monthly "student-preceptor dialogues," regional workshops and monthly unit lessons.

Graduate credits (15 credits each for the first two years and 25 credits for the third year) can be applied towards a master's degree in hospital and health-care administration.

Each student will be assigned a preceptor from his or her geographic area, who has had extensive experience in mental-health administration. The preceptors will be given clinical faculty appointments by the University of Minnesota.

Minority women's enrollments increase

Enrollment of minority-group women at the University increased fall quarter 1976, but the number of minority-group men enrolled declined and the actual number of minority-group students remained nearly the same as last year, according to a report released in January by the Office of Student Affairs.

From ethnic background information supplied by better than 90 percent of the University's student population at the time of application for admission, or through minority survey cards distributed at the time of registration, University officials arrived at a count of 1,182 minority-group women and 1,566 minority-group men this fall — which when taken together accounted for 4.9 percent of the total fall quarter enrollment of 56,138.

Minority enrollment figures for the 1975 fall quarter were 1,128 women and 1,655 men.

The minority-group women's enrollment increase was an extension of a system-wide

The University's program in hospital and health-care administration offers independent-study programs for hospital and health-care facility administrators, patient-care administrators (directors of nursing services), trustees and long-term care facility administrators.

Further information about the mental-health administrator course is available by writing Mental Health Administration Training, University of Minnesota, 2829 University Ave. SE., Suite 332, Minneapolis, MN 55414.

increase in women's enrollment that accounted for the University's entire increase in enrollment from a year ago.

Specific increases of women were reported for blacks, whose enrollment totaled 539 (an increase of 43), Hispanic-surnamed Americans, 112 (an increase of 23) and American Indians, 217 (an increase of 7). The only increase in minority-group male students occurred among black students, with a total enrollment of 595, up 15 from last year.

On the Twin Cities campus, black students accounted for the largest increase among the minority groups, with a fall quarter enrollment of 1,068 compared to 987 in 1975. The only other increase was among Hispanic-surnamed Americans with an enrollment of 292, compared to 278 in 1975.

The University of Minnesota Technical college at Waseca reported the only increase in minority-group enrollment among the coordinate campuses. Though such enrollment declined at Duluth, the number of minority-group women on that campus increased.

Since 1972 minority-group enrollment at the University has increased by 35 percent, according to the Office of Student Affairs report. During that same period, total University enrollment has increased by 12 percent.

The largest minority-group enrollment has been among Asian Americans at 45.2 percent, followed by American Indians at 43.7 percent, blacks at 30.9 percent and Hispanic-surnamed Americans at 16.1 percent.

LUCY HARRIS, in the dark uniform, driving past a Wayland Baptist defender in this photo, is considered by many to be the finest female college player in the country today and a major reason behind Delta State's two recent national championships.



DELTA STATE'S scrappy defense will excite those who attend the national tourney at Minnesota in March. Here Lady Statesmen Sheri Mayres (5) and Kathy Lewis (43) sandwiched Penn State's Nancy Carlson for a jumpball.





Notes from East- cliff...

By Sandra Magrath

"official family photographer," she fiddled with lenses, light meter and range finder as I followed the guides, listening to the spiels, so that later we could match facts to pictures. She took pictures everywhere with complete freedom, enough good ones, in fact, that she can now use them to give slide lectures on her Russian trip.

One of the places we saw on the tours for the women was the Andrei Rublev Museum of Ancient Russian Art, located in Andronikov Monastery, where Rublev, a monk known as a great painter of religious pictures, or icons, lived and worked. Icons tell stories of Jesus Christ and the saints and were intended to be worshipped by the illiterate people.

Now surrounded by a quiet residential area of the city, the monastery, dating from the 1400s, has the oldest church in Moscow, the Archangel Church, on its grounds. One of the other buildings, bare and plain outside but well-kept inside, is used as a museum for icons, which have been carefully researched and restored. The guide in the museum spoke good English and was knowledgeable about the history and significance of the icons.

The grounds of the monastery, enclosed by the buildings to form a square, were like a small park with easy public access through an arched gateway, but I was surprised to find the grass uncut and the walkways rough and unkempt. The old church was a bare ruin inside with only a mere fragment of a Rublev mural showing in the destruction.

Another tour took us through part of the grounds of large, public Gorki Park. We walked through a rose garden full of big, beautiful blooms, but saw again uncared-for grass and pathways. There were small restaurants, boating ponds with ducks and swans, and, a wonderful sight to me, a huge, 165-foot-tall ferris wheel. Although it was a gray, windy day, with far too biting a chill for an August day, I and a French woman, along with two indulgent, but long-suffering, guides rode around several times on the wheel, becoming colder and colder as we swayed back and forth at the top, 165 feet up, while passengers were let on and off. The tour group moved gradually away to the warm, waiting buses, but there we four were, holding everyone up, waiting to come down while we gazed, near freezing, over the city of Moscow from a ferris wheel.

On another more sunny day we toured on the Moscow River aboard one of many boats that serve as water buses. Ours was reserved specially, and took us for an hour's ride through the main part of the city. Our hotel, the Rossiya, a huge block-long and block-wide building adjacent to Red Square, overlooked the river.

Moscow architecture is quite eclectic in styles, but we saw several buildings, overwhelmingly grandiose, in about eight locations. They were all alike, but served very different uses, such as a hotel or an office building. One was the site of Moscow State University. These buildings are snidely called "Stalin Gothic" in style in an English guidebook we had and were indeed built during the Stalin period. Apparently he wanted more "traditional" buildings than the modern style he saw the architects developing.

So the architects devised these buildings, 20 or more stories high, composed of a central building connected to two side wings of equal size, all designed in plain style from the ground to the roofedges. However, from the roofs rose amazing spires equal to the loftiest cathedrals.

Somewhere we heard that the architects played a vengeful joke on Stalin, giving him buildings that would indeed be credited to him and would never be repeated elsewhere, for no one would want them.

Someone in our group noticed that there were almost no children to be seen — except for very small children and babies — anywhere in Moscow. We were told that they were all outside the city in Pioneer camps for the summer — Pioneers being the name of the youth organization to which all the children belong.

We went one afternoon to a Pioneer building, one that I feel was a showplace for what the Pioneer leaders hoped to be able to do for all the children, but which was not the usual kind of building used for activities that are found all over the city for most Pioneer groups. There were drawing, photography, language, space science, handcraft, sewing and auto driving classes

in the building, as well as a kindergarten room with many toys. A pool with plants and goldfish had a place in the foyer floor, and a bust of Lenin, flags and political posters decorated a side hall. A young boy in Pioneer uniform spoke to us in English about his language classes. Examples of all the classwork hung in the various rooms. The children who went to this building after school were indeed privileged youngsters.

The Tretyakov Art Gallery contains examples of every kind of Russian art. It is a large Victorian type of house, once owned by a private art collector, Tretyakov, that was taken over by the state after the Revolution. It is well maintained, but the pictures crowd the walls from below eyelevel upward.

Here, on the day we toured, were gathered family groups with their smaller children, spending an afternoon away from home. As our group of women followed our guide through the crowd, some of the children tagged along, watching us and listening to the guide, even though she spoke in English. This guide was unusual, a very old woman with white hair drawn back in a bun, dressed in a plain gray knit dress and wearing a pair of ballet-style shoes on her feet. Her face was not a handsome one, and I thought a couple of her teeth were missing. However, she spoke excellent English and dwelt at great length on her critiques of the various pictures she showed us. After a while I began to find her quite tiresome and noticed that she went to only one or two pictures in each room and said very little about the remaining ones. I wondered, too, if she had memorized only the material about these few pictures and if perhaps she did not know anything at all about the others. She took us very quickly through one or two rooms and ignored the huge canvasses hanging there of workers and factories so typical of Soviet art during the Stalin era. Slipping away from our loquacious guide, two other women and I went to find the small collection of Rublev icons that were in another part of the gallery, rejoining our group when they finally came to where we were.

My mother persuaded me to go with her to the V. I. Lenin Museum just off Red Square. At first impression it was showcase after showcase of letters and pamphlets by and pictures of Lenin, the great father of Russian Communism, whose picture also adorns the walls of buildings and whose bust or full statue is seen in public places everywhere. But there were also surprises in store for us. On an upper floor was a full reproduction of Lenin's study in the Kremlin, right to the last pen tip. In an alcove just off the study was the Rolls Royce car he had been given by his English followers. Then down the hall in a small auditorium we saw movie scenes of his life, pictures of him at the Kremlin and speaking to the public. The narration was in Russian, but as the movie ended and the narrator became more emotional and the music more stirring, we heard the eerie sound of Lenin himself talking, and we too became moved by it.

When the conference was over, the men then joined us for a weekend of city touring. These two days, during which we saw the subway system and the Armoury, led to the highlight of our Soviet visit, for they culminated in a grand reception for the entire group of delegates in Saint George's Hall in the Kremlin.

The subway, or Metro, is much like systems in other cities, except that six or eight of the major underground stations have been decorated with mosaics, tiles, glass, steel and statuary to make them appear like hallways in public buildings. Often the name of the station, i.e., Revolution Square, is a key to the theme of the decor. In a sense, then, they are commemorative stations.

The Armoury, a state museum located within the Kremlin walls, is open to tourists through Intourist, the state travel agency. There we saw many of the treasures of the czars of Russia. Great swords, helmets and shields; jewel-studded thrones and crowns; fur robes; an immense collection of silver platters, tureens, candelabra, dishes and wine decanters, offered mostly as ambassadorial gifts to the czars and made primarily in England and Germany; and a grand collection of coaches of many kinds, painted with scenery and flowers, and often gilded, made up the majority of the priceless items in the museum. The contrast between the opulent life of the

czars and the bitter, harsh life of the Russian peasants is a lesson the Communists have been quick to impress on the Russian public.

Peter and I had received separate invitations to the grand Kremlin reception, but my mother had not received any. We decided she should go anyway. We gave her my invitation to carry, Peter took his and I had none. Having learned by this time that Russia is not known for its efficiency, we took our chances. Upon coming to the door we found three soldiers, one holding a huge book of names and trying quite unsuccessfully to check off the names of the people pouring into the building. My mother had her invitation conspicuously in her hand and went right in. When a soldier pointed at me, Peter said firmly, "This is my wife." Since I was wearing the official badge, the soldiers did not bother to question us, and we walked quickly forward and up the grand staircase with the crowd. We had beaten the system!

Walking down a broad corridor, we then entered a spectacular room. Easily three stories high and three ballrooms long, it was a blaze of light. On a wide molding about three feet down from the ceiling was a row of electric candles which went all around the room. These were reflected by a line of large chandeliers running down the middle of the ceiling. The walls were white marble or granite with large, long, many-paned windows at intervals. Engraved in long lists on the stone panels between and next to the windows were the names of the military regiments and individuals that belonged to the order of Saint George. At both ends of the hall within large circles on the walls were bold reliefs of Saint George himself on horseback about to slay the dragon. The wooden floors were bare and polished and covered with painted decorative designs of folk quality. At one end were long tables set on carpet runners and covered with hors d'oeuvres and bottles of wine, vodka and a lemon-flavored soft drink. The hors d'oeuvres were plates of smoked fish, eggs, bread, cheese and cold cuts, and bowls filled with whole tomatoes and cucumbers or fruit were here and there.

After a brief ceremony during which the deputy minister of education greeted us in Russian, which was translated, a response was made by the head of our delegation, also translated, and a toast between each man was offered, we all made onslaught on the tables. As the three of us started to think about leaving, waiters began bringing in platters of hot food. But, by then we had already eaten enough and left, along with many of the others. If the conference is ever held in the United States, I wonder what hall in Washington, D.C., or elsewhere, could even equal this marvel we had seen.

After the weekend we left with about 90 other delegates for an Intourist guided tour by air to the cities of Kiev and Leningrad. We were told by United States health officials before going to Russia not to drink the water of Leningrad and to use mineral water instead. This made our brief stay there a little more difficult. We had full tours of both cities, enjoyed a folk dance show in Kiev and toured the grounds of the summer palace of Peter the Great on the shore outside Leningrad. The gilded statuary there was most impressive, and the hydrofoil boat ride out to the palace was a new experience for us.

Coming back by bus through the countryside, we were shown the ruined villas of former royalty that had been destroyed by the Germans in World War II in their long siege of Leningrad.

Before leaving Leningrad, the old capitol city with its many canals — "the Venice of the north" — we visited the Hermitage, the former winter palace of Peter the Great and the place where Catherine the Great amassed a fortune in European art, much of which hangs on the walls, as it is now a state art gallery. The gilded decorations on the ceilings and walls and the gilded pillars in the audience room are carefully maintained with gold, although again the Communists make sure to point out that all this was done for the czars at the expense of the people. It is my strong belief, however, that national Russian pride in their historic past is what maintains the monuments of Russian royalty, not the Communist doctrine.

These are our memories of Russia. It is a country with strong character and a rich history. I may never return there, but I feel I shall never ever see it as an enemy.

The legislative budget session keeps us close to the home fires during these winter months. This could be said quite literally at Eastcliff, for with nine fireplaces to choose from, we have endless possibilities for fireplace sitting and fire watching. We do not indulge in this pastime often, but thinking of it takes me back to dreaming by the fireplace as a child. Then family activities often centered around a glowing fireplace, and even the cats would draw near to warm their stretched-out bellies on the floor.

If I dreamed now by firelight, I might think of faraway places we have visited in recent years — places never even considered in my childhood dreaming. One such trip was a two-week visit to the Soviet Union in August, 1975. This is a country in the world that mixes the cultures of East and West, that appears to us as a rival, even an enemy, and that at the same time makes the overtures of a friend. A traveller feels drawn to the Soviet Union, but also apprehensive.

The American Association of Universities (AAU), of which the University of Minnesota is a member, was the impetus for our trip to the Soviet Union. In turn AAU is a member of the International Association of Universities (IAU), comprised of universities around the world. In 1975 Moscow State University was official host to the Sixth International Conference of IAU — a conference for presidents of the member universities held every five years to discuss problems of common interest.

Ostensibly, this was the purpose of this conference, but the Russians and other members of the Communist bloc used the opportunity of the conference sessions to propagandize about the virtues of their educational systems under Communist governments. Many long hours each day the delegates sat, fighting sleepiness, with earphones whispering out translations of these persistent and boring speeches.

Meanwhile, the wives, grateful to be nonparticipants, took far more interesting tours on specially provided buses, with language students as guides, to various museums, parks and other places of note around Moscow. My mother, Ruth Hughes, accompanied us on the trip and as

Campus Carni supports social service

Carni '77 will be held April 14-16 at the Field House on the University of Minnesota Twin Cities campus. A traditional event, this, the 29th annual Campus Carnival, has a long history of fund-raising.

The *Minnesota Daily* and Alpha Phi Omega started Carni in 1948 to raise money for the Williams Scholarship Fund. However, since 1974, the proceeds from Carni have been donated to Twin Cities area charities.

"I'm not sure Carni appreciates the impact of its donations," says Gerald Orr, executive director of the American Lung Association (ALA) of Hennepin County.

"The money we received from Campus Carnival helps make possible the expansion of important programs undertaken here. It would be great to have more special events funding like Carni provides."

Last year Carni raised more than \$12,000 for the ALA. The money was used to finance Camp Superkids, a summer camp designed for children with asthma.

"We like the exposure we get from Campus Carnival," Orr said. "It is really a big shot in the arm for us."

Established in 1904, Hennepin County's ALA is the oldest volunteer health agency in the country. It was originally formed to combat the white plague and tuberculosis. The organization has since expanded to work on a broad spectrum of contemporary concerns.

The Metro Clean Air committee, Association for Non-Smokers' Rights and the Minnesota Clean Indoor Air Act are among the projects undertaken by the ALA.

Its family asthma program, begun in 1967, is a national model. The spinoff, Camp Superkids, is the first camp of its kind in the United States.

Utilizing volunteers, Hennepin County's ALA puts together numerous advisory committees carrying the expertise of volunteer health professionals and other knowledgeable individuals.

Research in neo-natal respiratory diseases, professional education and the training of health science personnel, occupational and hobby health risks from inhalation of dangerous fumes, and emphysema clinics all concern the ALA.

"Our span of programs really cover the waterfront," Orr said.

"This year's Carni represents a trend towards a revival of social service projects among



Photos by John Ryan

college students," says Mary Jane Plunkett, director of Volunteer Services for the University.

"Carni is unique because it is the largest fund-raiser of its kind run entirely by students," notes Carol Nygaard, co-overall chairperson for the Campus Carnival executive committee. "More than 2,000 students are involved each year."

A wide array of entertainment is traditional to Carni. There will be more than a dozen professional and amateur bands, dance routines by more than the same number of different groups of girls, many excellent skits and numerous Carnival games to play, not to mention the variety of food available, at this year's Carni.

"Carni is really a spectacular show," says Douglas Leu, Nygaard's counterpart on the executive committee. "Many thousands of hours are put into building elaborate sets and producing original skits and dancelines. For the executive committee, it is a year-long planning process."

Carni will be open on Thursday night, April 14, from 6:00 to 11:00 p.m., and from 6:00 p.m. to 1:00 a.m. on Friday and Saturday nights, April 15-16.

The admission price is \$2.00 at the door or \$1.50 if tickets are purchased during the advance sales. Tickets are currently available at MSA TOO in Coffman Memorial Union on the Twin Cities campus.

Come, celebrate Carni '77 and rally support for some very worthwhile ALA projects. — Sue Sandell



CAMPUS CARNI plays an important service role in many of the programs of the American Lung Association (ALA) of Hennepin County. Last year the ALA was the recipient of \$12,000 earned by University of Minnesota students in their three-day carnival extravaganza staged in the Field House on the Minneapolis campus. Donations such as this have enabled the ALA to continue important work with asthmatic children, such as the special training in breathing seen in the photo at the right, with individuals having emphysema in measuring lung capacity (left), or with the Association for Non-Smokers' Rights. The proceeds from Carni have been donated to local charities since 1974.



GISELA KONOPKA, University director of the Center for Youth Development and Research who has received numerous national and international awards for her work, will be the featured speaker at the School of Social Work Alumni Association's Annual Meeting on March 22. She will also be honored with the Annual School of Social Work award.

Alumni cite Konopka

The School of Social Work Alumni Association will hold its 11th Annual Meeting and Banquet on Tuesday, March 22, in the Minnesota Alumni Club atop the IDS Tower in downtown Minneapolis. A social hour will begin at 6:00 p.m., followed by dinner and the program at 7:00 p.m.

Gisela Konopka, director of the Center for Youth Development and Research and professor of social work at the University of Minnesota, will be the keynote speaker. Konopka is the author of 10 books, including *Adolescent Girl in Conflict*, *Social Group Work* and, recently, *Young Girls: A Portrait of Adolescence*. Her speech topic will be "Understanding the Adolescent Girl: Impact for Practice."

The annual University of Minnesota School of Social Work Award will be presented to Konopka in honor of her long and distinguished career.

Tickets for the banquet may be purchased from the Minnesota Alumni Association office at 2610 University Avenue, Saint Paul, MN 55114, telephone 373-2466. Ticket price for Alumni Association members is \$10.00 and for non-members, is \$11.00.

professor of physiology and biophysics at the University of Miami, is a pioneer in the study of biochemical aspects of aging of organisms. He is a noted author and editor of several scholarly works, including the standard reference, *The Physiology of Insects*.

The awards were presented by C. Peter Magrath, president of the University of Minnesota. Guest speaker for the event was William F. Hueg, Jr., deputy vice president and dean of the Institute of Agriculture, Forestry and Home Economics.



constituent and club news



Morris Rockstein

Ag, Forestry & Home Ec alumni honor five distinguished graduates in March

Five distinguished University of Minnesota graduates received University of Minnesota Outstanding Achievement Awards on March 3 at the 19th Annual Meeting of the Institute of Agriculture, Forestry and Home Economics Alumni Association in the Minnesota Alumni Club, downtown Minneapolis.

The Outstanding Achievement Award is presented to alumni or former University students who have attained distinction in their chosen fields, professions or in public service.

Among the recipients at this meeting were: Myron Brakke '43BS '47PhD who is a professor in the Department of Plant Pathology at the University of Nebraska, Lincoln. His work on characterization of viruses led to better understanding of the mechanism of viral infection in plants. Brakke is a respected researcher who has developed cell fractionation techniques and novel analytical tools.

Fred E. Dickinson '38BSFor, Richmond, California, is the director of the Forest Products Laboratory at the University of California.

nia. A leader in forestry and forest products education and research, he is past president of the Forest Products Research Society and International Academy of Wood Science.

Edgar E. Hartwig '37BS, research agronomist for the Agricultural Research service in the U.S. Department of Agriculture, Stonesville, Mississippi, is responsible for developing soybean varieties and cultural practices that have made soybeans a major crop in southern states. A leading authority on soybean genetics and production, he has aided developing nations with soybean improvement programs.

Mary Ellen McFarland '43BSHEcEd, Saint Paul, has distinguished herself as a professional in home economics through her long career first as a teacher and later as a professional in wide ranging service at local, state and national levels. She is currently president of the American Home Economics Association.

Morris Rockstein '48PhD, Miami, Florida,



Myron K. Brakke



Edgar E. Hartwig



Fred E. Dickinson



Mary Ellen McFarland

Norman Borlaug will attend his class reunion on May 23

The program for the Class of 1937 Fortieth Reunion on May 23 was completed when Nobel Prize winner and class member Norman E. Borlaug said that he would be present, according to Jane Speakes Hawthorne, co-chairperson. He will join Charles (Bud) Wilkinson, football great from Oklahoma City, Malcolm Moos, former University of Minnesota president now living in Saint Paul, and Peg Lynch Ronning, television writer and actress from Beckett, Massachusetts, on a panel emceed by Curt Carlson, Minneapolis hotel entrepreneur.

That's the dinner program planned for class members and friends who attend the reunion festivities at the University of Minnesota Alumni Club in the IDS Center. They will be listening to tunes of the '30s played by the Joe Jung Trio. And there will be plenty of "What have you been doings?" and "Where do you lives?"

Jane reminisced about her student days at the University one afternoon between preparing for a United Nations program for the League of Women Voters and talking about a trip to Mainland China last year. (She went to China with 16 American women on a program called "Friendship Among Women.")

With the *Gopher* on the table in front of her, she talked about the University student body, WSGA, the YWCA, Dean Anne Dudley Blitz, the seriousness of the students of the late '30s, the scarcity of money and the scramble for jobs.

The depression still influenced the economy when she was an undergraduate. Students who might have gone east to colleges, stayed home. Although many joined fraternities and sororities on the Minnesota campus, non-Greeks were prominent in student affairs. The merit system of choice of candidates offered independent students opportunities that were not available when the organized students dominated campus politics.

"WSGA offices were in Shevlin Hall," Mrs. Hawthorne said. "We had lots of meetings there. We ate in the cafeteria — soup and lots of crackers. Lunch cost 13 to 15 cents. I belonged to Alpha Phi, but because of my board work on WSGA and YWCA, I was excused from eating lunch at the house.

"Dean Blitz' office was in Shevlin. And she would often invite us in, so we became well acquainted with her. She really helped us," Mrs. Hawthorne said.

Many of those who worked with WSGA (Women's Student Government Association) were not involved in campus politics and other campus action groups. "I remember when Dick Scammon led a protest against ROTC, gathering a crowd on the Mall," Mrs. Hawthorne said. "My brother was in ROTC and I wasn't against it, so I didn't pay much attention to the movement against the military.

"I was in education, studying child welfare. Most of my classes were in Pattee and Burton Halls, others were in Folwell. I did take Vetta and Harriet Goldstein's classes in design. The old trolley ran to what we called the 'cow campus' then. I had to take some art classes and I hated those in 'cardboard and paper-cutting.'

"The Goldstein sisters' courses in color and design were different. They were wonderful," Mrs. Hawthorne recalled.

What other faculty members did she remember?

"Marcia Edwards was on the education faculty. Keith Hedley gave a course in kindergarten demonstration. I didn't like kindergarten work. I preferred the first and second grades. Later I taught first grade in Bayport (Wisconsin) and then in an Edina (Minnesota) school.

"Dora V. Smith taught a marvelous course in children's literature," she said.

"I was fortunate to have Dr. Albert Jenks for anthropology. I'd never had any philosophy and I took a course from Dr. George Conger. It was wonderful. I had poli sci from Dr. William Anderson. All of these men were superior teachers.

"Although we had a good social life despite the fact that we had little money to spend, we were serious students," she said. "Jobs were scarce, and good grades were important to get a job."

And what was that "good" social life like?

"It was the era of BIG Bands. On Monday nights after sorority and fraternity meetings, we went over to the Lowry Hotel in Saint Paul. For 50 cents we could dance to the name bands playing there. For a little more we could get a sandwich or a drink — the fizzes were popular then — but most of us paid the minimum.

"We had our spring formal at the Radisson Inn on Christmas Lake or at the White Pine Inn in Bayport," she remembered. "I led the Junior Prom with Allan Wash. It was given at the Lowry Hotel. He was a member of Sigma Alpha Epsilon so we had dinner at that house and breakfast at the Alpha Phi house.

"Jan Gerber played for that prom. It was on February 11 and, according to the *Gopher*, there were 350 couples at the party. Garber's was the 'Music Goes Round and Round' orchestra, which was Marilyn Monroe's favorite, according to publicity.

"We town girls who lived at home didn't date as much as those living on campus. Most of the men didn't have cars and street cars were not too popular as transportation," Mrs. Hawthorne continued.

"A gathering place on campus was the old post office. That was in what is now Nicholson Hall. It was also the coldest spot on campus — between Northrop and Nicholson. We didn't have the kind of winter clothes we have now. And we were also such ladies that we wouldn't wear those awful ski pants unless we were about to freeze.

"There were forums on current affairs conducted on the floor above the post office. Barbara Brewer Peet led us in cultural pursuits at her house where we read Shakespeare. We followed the Golden Gophers and managed to have money enough for football tickets. After the games we went to the Varsity across from Folwell. Some of the girls got jobs as waitresses at Dayton's Tent or in the basement of the Dungeon, both in Dinkytown, so we would also go to those places. Or sometimes there were tea dances at the Union," she said.

Where are those classmates now that she worked with in WSGA or knew in sorority?

"They are scattered," Mrs. Hawthorne said. "We hope many will come back for the reunion. Jessie Aslakson Wold lives in Mill Valley, California. Jean Myers Sims, who was president of WSGA, is in Washington, D.C. Kay Regan Schulte is also in D.C. Marna Maland MacPhail is my neighbor and Peggy Wolfe Brimcombe lives in Minneapolis, too.

"There were others in Mortar Board and all of us were friends. It didn't matter whether we belonged to sororities or not. We worked together and enjoyed each other.

"There's one point I want to emphasize," she said. "We worked hard at the University of Minnesota. We had to get through as quickly as possible and get jobs. Teachers now would laugh at the salaries. In my first year as a first grade teacher, my salary was \$90 a month. The next year I had a raise — to \$105!"

The reminiscences at the Class of 1937 Reunion no doubt will sound something like Jane's. Just come and join the fun. Further information on reunion activities is available from the Minnesota Alumni Association at 2610 University Avenue in Saint Paul, telephone 373-2466. — Wilma Smith Leland

General College alumni to meet in Saint Paul

Warren Spannaus '58BBA '63LLB, Attorney General of the State of Minnesota, will receive the University of Minnesota's Outstanding Achievement Award from its president, C. Peter Magrath, at the 11th Annual Meeting of the General College Alumni Association on Friday, April 1. The meeting, which will be held at the Midland Hills Country Club, Saint Paul, will begin with a social hour at 6:00 p.m., followed by dinner at 7:00 p.m.

After a stint with the U.S. Navy during the Korean War, Spannaus served as special assistant to Minnesota Attorney General Walter Mondale from 1963-65 and was a member of Mondale's Senate staff from 1965-66. Later, while practicing law in Minneapolis, he served as state chairman of the Minnesota Democratic-Farmer-Labor (DFL) party from 1967-69.

Spannaus was elected Attorney General of the State of Minnesota in late 1970 and reelected again in 1974.

He will be the featured speaker at the General College Alumni Association's Annual Meeting.

Dancing will follow the dinner and program.



CLASS OF 1937 REUNION CO-CHAIRPERSON, Jane Speakes Hawthorne, reminisced about her University of Minnesota campus days while announcing plans for 40th reunion.

Reservations are available for the event at \$10.00 per person from the General College Alumni Association, University of Minnesota, 2610 University Avenue, Saint Paul, MN 55114, telephone 373-2466.

Janet Hyllested '76AA is the current president of the General College alumni group. Raymond Engstrand '73AA '74BA is the vice president and Gary G. Wilmer '63AA the secretary-treasurer. Serving on the board of directors are Gertrude Donaby, Fred Dresser '55AA, William E. Dykema, Fredricka Frey '71AA and Catherine S. Harris '73BSA.

Grants total \$1.3 million

More than \$1.3 million in grants and contracts were awarded recently by the National Institutes of Health (NIH) to 16 University of Minnesota researchers.

The largest grant, for \$376,600, went to Victor Grambsch, principal systems analyst, to establish a nutrition coding center for multiple risk factor intervention trials and the lipid research clinic.

Patty Berg comes to town



Well-known professional golfer and Minnesota alumna Patty Berg flew into Minneapolis on Monday, February 7, to prepare for the special fashion show, "Sportsmania," sponsored by the Twin Cities chapter of Gamma Phi Beta sorority for the Patty Berg Development Fund and Women's Intercollegiate Athletics at the University of Minnesota. In the photo above, Gladys Brooks '36BA, left, chairwoman of the Patty Berg Fund Steering committee, Dr. Vivian Barfield, director of Women's Intercollegiate at Minnesota, Patty Berg and her long-time friend, retired University men's golf coach Les Bolstad, gathered for a reception for Patty at the Minneapolis Women's Club on February 7. Brooks, who has received an Outstanding Achievement Award from the University, is a former Minneapolis city councilwoman who is currently a member of the Metropolitan Council.

Staged on February 9, "Sportsmania" raised \$5,000 for Women's Intercollegiate Athletics, according to Barfield. More than 900 persons watched as Dayton's presented spring fashions for men and women, while those who came early enjoyed a visit with Diana von Furstenberg, author of a recent book on beauty.

While she was in town, Patty also announced the 1977 dates for the Patty Berg Golf Classic, a popular local tournament named for her three years ago, that draws many of the nation's top women professional golfers. This year's tourney will take place on August 26, 27 and 28 at Saint Paul's Keller Golf Course.

Dresser is new School of Dentistry alumni president

Dr. William J. Dresser '52DDS '57MSD, Edina, Minnesota, who practices oral surgery in Minneapolis, is the new president of the School of Dentistry Alumni Association. Dresser has served on the board of the alumni group for the past three years.

In addition to his group practice, he is on the staffs of Fairview Southdale, Methodist, North Memorial and Children's Hospitals in the Twin Cities area.

A past president of both the Minneapolis District Dental Society and the Minnesota Society of Oral Surgeons, he also holds professional membership in the American Dental Association, Minnesota Dental Association, International Association of Oral Surgeons and American Society of Oral Surgeons.

Dresser and his wife Mavis have three sons.

Four new board members also named

Four new members were recently named to the Dentistry Alumni Association's board of directors:

Dr. Edward T. Nelson '59DDS has been in general dental practice in Thief River Falls, Minnesota, since his graduation from the University. He is a past president of the Red River Valley Dental Study Club and the Northwestern District Dental Society. A former director of MINDENPAC, he currently serves on the Dental Education committee of the Minnesota Dental Association and is a member of Omicron Kappa Upsilon, honorary dental society.

In his home community, Nelson is chairman of the United Way and a director of the Chamber of Commerce. He is a past president of the Thief River Falls Rotary Club and the Concert Association, and former head of the Pennington County chapter of the Minnesota Alumni Association.

He and his wife Helen have four children.

Dr. Oscar C. Nord '43DDS, who practices in Grand Forks, North Dakota, has raised a Minnesota dentistry family. His daughter Nicki Nord Lindahl is a graduate of the University's School of Dental Hygiene and his twin sons, John and James, both graduated from the School of Dentistry.

Nord has practiced all but one year in Grand Forks since his graduation. That year away was spent in Boca Raton, Florida. Professionally he holds memberships in the North Dakota and Minnesota Dental Associations.

A life member of the Dentistry Century Club and a member of the University's President's Club (formerly the John Sargeant Pillsbury Foundation), he served as a director of the First Federal Savings & Loan Association of Grand Forks for nearly 15 years and presently is on the board of that community's First National Bank. Nord is also active on the vestry of St. Paul's Episcopal Church.

Dr. Sherman H. Miller '44DDS was in private dental practice in Saint Paul from 1947-58 following service with the U.S. Army Dental Corps. He also served as a teaching assistant in

Gaustad heads alumni

Dr. Harley Gaustad '36DDS, president of the Wright County chapter of the Minnesota Alumni Association, has practiced dentistry in Cokato, Minnesota, since his graduation.

In his home community, he is a director of the First National Bank, a past president of the Rotary Club, past master of the Mason's and a member of the Shrine. A former member of the Viking Council of the Boy Scouts, he has received both the Silver Beaver and the Lamb awards.

Gaustad has served on both the Cokato Council and School Board, and was a member of his church's council.

He holds professional memberships in the Academy of General Dentistry, Prosthetic Society, Children's Dental Society, American Endodontic Society, the Tri-County Dental Society, the Minneapolis District Dental Society, the Minnesota Dental Society and the American Dental Society.

Gaustad, who lists his hobbies as painting, golf and tennis, has three married children.

Serving with him during 1976-77 are vice president Dale Johnson, Buffalo; secretary Audrey Thiesse '46BSHE, Howard Lake; past president Dr. Ed Henk '67DDS, Buffalo; and board members Mary Ourada '40BSED, Buffalo; Gerhard Splittstoesser '57BBA, Rockford; Don Gilmer '39BBA, Delano; and Warren Krause '59BSAG, Buffalo.

The chapter is planning an annual meeting for October that will feature University of Minnesota Athletic Director Paul Giel as the speaker.



Dr. William J. Dresser



Dr. Reuben J. Tieszen



Dr. Oscar C. Nord



Dr. Sherman H. Miller

the University's School of Dentistry from 1949-50.

Miller was ordained an Episcopal priest in 1958 and served as rector of Saint Nicholas Episcopal Church, Saint Paul, from 1958-69.

Following a residency at the Western Institute of Group Psychotherapy in California in 1969, he became a consultant for the Johnson Institute and the Minneapolis Psychiatric Clinic and resumed private dental practice in Minneapolis in 1970. He is also a staff member of Saint Mary's Hospital.

Miller has served for four years on the American Dental Association's Membership committee and is presently chairman of the Ethics committee of the Minneapolis District Dental Society.

He and his wife Carol Hocking Miller, have two children who are both married.

Anderson will speak at Rochester meeting

Elmer L. Andersen, Minnesota's governor in 1960-62 and former chairman of the University's Board of Regents, will speak at the annual dinner meeting of the Rochester (MN) chapter of the Minnesota Alumni Association on March 22 at the Hoffman House. According to Chapter President Warren Schoon, Andersen's experience in state government and on the Board of Regents gives him the background and the perspective to define the role that the University plays in the lives of the people and institutions of Minnesota.

The chapter's Fourth Alumni Award will also be presented at the dinner meeting. This award is given annually to a local University of Minnesota graduate for achievement in his/her field of work, for service to the community or for continued support of University programs. Nominations for the award recipient were open to the public and submitted by individuals and community organizations. The final selection was made by the alumni chapter's board.

The first alumnus to receive the award was Melvin Voxland '27BSEd '37MS, Rochester educator who is the former principal of Central Junior High School and a past president of the Minnesota Education Association. Ruth Tews '39BSLibSci, a local librarian who is nationally known for her development of bibliotherapy with hospital patients, received the award in 1975. And Dr. Norbert Hanson '38BS '41MS '42MD, a physician, organizer and long active member of the Rochester chapter, was the 1976 award recipient.

Tickets for this year's event are available from Chapter Vice President Tom Elkins, a Rochester attorney and ticket chairman for the meeting, and from all other members of the alumni chapter. The banquet is open to the public.

Nursing alumni host U faculty buffet

The School of Nursing Alumni Association board held a special buffet dinner for School of Nursing faculty members on March 10 at the Campus. The meeting, which has become an annual event to acquaint alumni board members with the School's faculty and current objectives, featured a new film about the University's School of Nursing.

Dr. Reuben J. Tieszen '52DDS, Sioux Falls, South Dakota, is also an Army veteran who served with the Signal Corps during WWII. Following his graduation he practiced dentistry in Salem, South Dakota, for six years and was president of that community's Commercial Club. After moving to Sioux Falls, Tieszen joined the Pierre Fauchard Academy and also holds membership in the Rotary Club and Central Baptist Church.

He has been president of the Southeastern District Dental Society and a delegate to the South Dakota Dental Association. Tieszen currently is a member of the South Dakota Council of Dental Health and vice president of the South Dakota Dental Association.

He and his wife Donna have a daughter who is a sophomore at the University's School of Dentistry.



Jim Brandt

Brandt elected head of Business alumni

A 1960 graduate of the University's College of Business Administration, James R. Brandt, Litchfield, Minnesota, is currently president of that college's Alumni Association.

After receiving his bachelor's degree, the Minnesota native joined Arthur Andersen & Company in its Minneapolis office. He worked in the Audit division until 1968 when he joined the Office Administration staff to concentrate on personnel and recruiting. He became a partner of the firm in 1974.

Brandt, as a member of the Minnesota Society of Certified Public Accountants, has served on that organization's board and Public Relations committee. He is also a member of the subcommittee on Public Relations for the American Institute of Certified Public Accountants.

In his home community, Brandt is active in the Calvary Lutheran Church, currently as a member of its executive board, vice president of the congregation and a member of the Church Council.

He has served on the College of Business Administration Alumni board since 1975 and has been a member of the college's Accounting Department Advisory Council since 1976.

Brandt and his wife have two children.

Engstrom to speak

E.F. Johnson will receive OAA in April

The Outstanding Achievement Award of the University of Minnesota will be presented to Edgar F. Johnson, chairman of the E. F. Johnson Company, Waseca, Minnesota, during a special program on the evening of April 26 in Coffman Memorial Union Theater on the University's Minneapolis campus.

The award is presented to graduates of the University who have attained unusual distinction in their chosen field. Johnson is a 1921 graduate who received a BS degree in electrical engineering.

The E. F. Johnson Company, under his leadership, has been a major manufacturer of amateur radio equipment since Johnson began the company in 1923. Recently, it has led the nation in the manufacture of Citizens' Band equipment.

The award presentation will be made in conjunction with a talk by Elmer W. Engstrom, former chief executive officer of RCA Corporation. Engstrom, who will speak on the progress in radio communications during his lifetime, will derive most of his material from personal experiences in the development of radio and television while he held various research positions with RCA.

Engstrom is also a Minnesota graduate, holding a BS in electrical engineering which was granted in 1923. He received the University's Outstanding Achievement Award in 1950.

The 8:00 p.m. lecture and ceremony is sponsored by the Institute of Technology (IT), the Department of Electrical Engineering, the University of Minnesota and the Institute of Technology Alumni Association, and is open to the public.

For more information, please call the IT dean's office at 373-2955.

Wisconsin group active

The Association's Madison, Wisconsin chapter opened an active program year with a football brunch for Minnesota Alumni prior to the Minnesota-Wisconsin game in Madison. Minnesota Alumni Association Executive Director Vince Bilotta joined the gathering.

Byron D. Rasmussen '52BSB is president of the Madison chapter. Serving with him are vice president Steve Ludwick '72MS, Windsor, Wisconsin, secretary-treasurer Michael G. Mudrey '73PhD, and Altin R. Paulson '66BA, Fort Atkinson, Wisconsin.



The Gray Eagle is dead

The legendary Bernie Bierman, the man who made Gopher football golden, died on Monday, March 7, four days before his 83rd birthday, in Laguna Hills, California.

Known to many fans and former Gopher players as the Gray Eagle, Bierman captained the 1915 Big Ten champion Minnesota football team in his senior year. He returned to the University in the '30s and built a spectacular coaching record from 1932-41. During those years the Gophers won five national titles and six conference championships.

Job market is better for Education grads

According to *Points*, the College of Education newsletter, a large majority of the 1976 College of Education graduates with BS degrees have found employment, according to a recent survey conducted by the Education Career Development Office (ECDO). Among the high number of respondents (98 percent), 91 percent of the job-seekers found full- or part-time work, over half of them in professional positions of an educational nature (62 percent). Most of the graduates who sought a teaching job were successful (74 percent); of these, 55 percent are employed full-time and 19 percent part-time.

However, the study shows significant variations in employment rates by program or subject area, with mathematics, science, agriculture and industrial education claiming the highest full-time employment (80-88 percent) and second languages, physical education, home economics and social studies the lowest (23 to 44 percent).

Comparisons with the first ECDO annual employment survey figures of 1973 show increases in full-time educational employment, particularly in science (up 33 percent from 1973), mathematics (up 14 percent) and art (up 15 percent). The report also notes that the number of graduates available for teaching positions dropped from 610 in 1973 to 516 in 1976, a decline of 15.4 percent.

For all graduates who answered the survey, the median income of full-time employment is \$9,125, an increase of \$661 over last year's median salary.

UMD establishes Northeast Area Center

Establishment of a Northeast Minnesota Area Research Center on the University of Minnesota, Duluth (UMD) campus has been approved by the Board of Regents. Under an agreement between the Minnesota Historical Society and UMD, the center will collect and hold manuscripts and other historic materials.

The center will be set up in the UMD Library and be operated by the History department faculty. Acting director will be Judith A. Trolander, associate professor of history on the Duluth campus.

"The center will prove most valuable in the years to come as a research facility for students and historians," according to UMD Provost Robert L. Heller. "It also will complement the holdings of the Saint Louis County Historical Society."

The agreement provides that the center will receive, hold and use materials and items given to it by donors. Budgetary support will be provided by the University and the Minnesota Historical Society. The state group also will provide technical advice, instruction for center personnel and occasionally may make loans or gifts of materials or special equipment.



THE CLASS OF 1933 REVISITED . . . More than 40 years ago University of Minnesota School of Nursing classmates Louise Bachman, left, Marcella Healy, Eleanor Bergland and Alta Kenady posed for a picture on the windy roof of the then Northern Pacific Hospital on Charles Street in Saint Paul. In those days University student nurses not only trained at the Charles Street Hospital, but also at Glen Lake Sanatorium and the old Minneapolis General. These four classmates met again in 1976 during a summer class reunion, according to Louise Bachman Barrow of Glendale, California.



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—Will Rogers

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Date _____ X _____ Signature _____

Basketball Gophers have record-breaking season

Minnesota was still chasing the Big Ten Basketball title, along with Michigan and Purdue, in the last week of regular season play this March. But even though the Gophers came from behind to win a gutty 64-61 battle with the Badgers at Wisconsin on Thursday, March 3, and then completely overwhelmed the Northwestern Wildcats 105-82 at Evanston on March 5, it was not enough.

Gopher Coach Jim Dutcher said that his team would have been tough to beat in their final game of the Big Ten schedule — a game which was a tremendous finale to a record-breaking season — but the Wolverines of Michigan proved to be tougher.

The Gophers ended in second place in the Big Ten with an excellent 15-3 record, just one game behind title-winning Michigan which finished 16-2.

The team had started a drive for the title in late February, bouncing back from a loss to Michigan, to end a string of three consecutive overtime losses to Purdue by beating the Boilermakers in overtime at Williams Arena 84-78. When "Sugar Ray" Williams missed a free throw in that thriller, he snapped a string of 24 consecutive gift conversions, but led Gopher scoring with 29 points. (Minnesota bowed to Purdue twice in the previous season in overtime games, 111-110 and 94-87.)

The Gophers had lost to Michigan in Ann Arbor on February 19 despite Mike Thompson's 32 points. They were playing their seventh game in a 14-day span and the pace finally caught up with the travel-weary team, according to Dutcher. "We played tired," he said. "We had gone through a difficult stretch and unfortunately our final game of that period came at Michigan. It caught up with us."

Following the Purdue win, Minnesota squeaked by Illinois in their home finale 72-70. "Flip" Saunders, a 5-11 senior, played his 101st game as a Gopher against the Illini and registered his 100th start.



MINNESOTA'S PREMIER CENTER, junior Mike Thompson, was usually head and shoulders above the crowd during the 1976-77 Gopher basketball season. Scoring in double figures in all but one of the seasonal contests, Mike closed out his junior year as the top scorer in the Big Ten, the first junior to score more than 1,000 career points in Big Ten play and as Minnesota's all-time leading scorer.



THEY CALL HIM "SUGAR", and that's how sweet many of the basketball moves senior Ray Williams displayed on his way to leading the Big Ten and all Gopher players in assists. Often Ray appeared to float through the air and past defenders, as seen in the photo above, on his way to two points.



JUNIOR OSBORNE "GOOSE" LOCKHART often combined in a dazzling foot race with teammate Ray Williams on the Gopher's fast break. Here Goose drives for a two-pointer.

accurate free throw shooter in Minnesota history. In four seasons he converted 170 of 210 gift shots, for a record .809 percent.

Junior Osborne Lockhart set a Gopher season high in free throws, converting 67 of 77 for .870 percent.

Mike and "Flip" were honored by their teammates at a special awards banquet in March. Mike was named winner of the Most Valuable Player Award for the season, an award he shared last season with Ray Williams. And "Flip", who scored a career 842 points at Minnesota, was recipient of the Most Improved Player Award.

The Gopher squad returns all but seniors Williams and Saunders next season, and, with the prospect of some excellent recruiting, could have realistic 1978 NCAA title aspirations.

Their 1976-77 scoreboard shows:

Gophers	Opponent (home games in CAPS)	Score
101	N. DAKOTA ST.	68
104	Detroit	80
96	N. MICHIGAN	50
66	Nebraska	58
96	VERMONT	61
66	Marquette	59
62	KANSAS STATE	60
84	Cornell*	54
102	Montana*	81
78	IOWA	68
83	Illinois	69
64	Purdue (OT)	66
82	WISCONSIN	64
75	MICHIGAN STATE	70
79	Indiana	60
77	OHIO STATE	67
79	NORTHWESTERN	53
80	MICHIGAN	86
91	Ohio State	65
61	Iowa	58
65	INDIANA	61
99	Michigan State	77
79	Michigan	89
84	PURDUE (OT)	78
72	ILLINOIS	70
64	Wisconsin	61
105	Northwestern	82

(* Pillsbury Classic games (OT) Over time

last game at Purdue without Rickey Green and won. Michigan deserves the title," Dutcher said.

The fans now can only wonder what the Gophers might have done in NCAA competition. Their current NCCA probation excluded them from post-season play this year, but they will be eligible again in 1978. And the Gophers are looking for an NCAA championship title in the coming season. After all, they beat four of the teams picked for the 1977 NCAA regional competition this season: Purdue, Marquette, Detroit and Kansas State.

The Sunday after the Wolverines beat Purdue for the 1977 Big Ten title, they took on the Marquette Warriors at home and edged them 69-68. Minnesota beat Marquette in Milwaukee 66-59 in a pre-season contest.

Likeable Gopher squad sets a season of records

By winning its last two road games, the 1976-77 Gopher team ended the season with an overall record of 24-3, the best mark ever set by a basketball team at Minnesota, beating the 1972-73 team record of 21 wins.

This team's 15 Big Ten victories were also a new record for a Gopher cage team, passing the mark of 11 set in 1974-75.

"We're delighted to have set those records this year," Dutcher said. "I told our players that it has been a really fun year, and I'm sorry we can't go on to tournament play. But our record certainly establishes us as one of the top teams in the nation."

At season's end junior center Thompson became the most prolific scorer in Minnesota basketball history with a three-year career total of 1,529 points. He has also scored the most field goals (629) and owns the best single season field goal average by shooting .606 percent from the floor.

Mike rammed home 24 points in the season finale at Northwestern to win his first Big Ten scoring title with 410 points, an average of 22.8 per game. He needed 6 points in that final game to best Indiana freshman Mike Woodson for the scoring title.

The Gophers also lead the Big Ten in shooting accuracy as a team, hitting .513 of their shoots.

Senior Ray Williams added a record 166 assists this year to his career total, bringing that two-year mark at Minnesota to 296, and winning this season's Big Ten assists record.

Mr. Hustle, "Flip" Saunders, set two career records; he appeared in a record 103 games in a Gopher uniform and was the most



"FLIP" SAUNDERS, a senior guard whose enthusiasm more than made up for his lack of height, sparked the Gophers to victory numerous times during his four-year career at Minnesota.

Dutcher hoped for 15-3 and a piece of the title

"I told our players at the start of the season that a 15-3 record could get a share of the title," Dutcher said. "We went on the road (in early March) knowing we had to win our last two games at Wisconsin and Northwestern . . . and we also knew that we needed help from someone like Purdue."

"We did what we had to do. We won our two, but Purdue couldn't beat Michigan. Obviously we are disappointed in not getting a share of the title, but you have to give Michigan credit. It beat its top challengers (Minnesota and Purdue) twice. And it went into that

Legislative committee considers stadium in current session

The Minnesota House of Representatives opened hearings on March 7 on plans for a new sports stadium to be built in the state.

The first major proposal was made by Representative James Casserly, DFL, Minneapolis, and called for the construction of a domed stadium near downtown Minneapolis in an industrial area between the University of Minnesota's West Bank and downtown. Its estimated cost would be approximately \$61 million and the facility could be used for football, baseball and soccer.

A second plan was offered on March 8 by the Minnesota Sports Area committee, a group of 40 business, community and government leaders from the southwestern metropolitan community of Bloomington. They suggested building a football-soccer stadium next to existing Metropolitan Stadium in Bloomington which is currently used by the Twins and Vikings. This new stadium construction, with a dome, would cost \$38 million. The group also suggested that another \$5 million be spent to repair Metropolitan Stadium.

A third, "Site-Neutral" stadium bill, was offered by Representative Al Patton, DFL, Sartell, Minnesota. He suggested that the Legislature create a Metropolitan Sports Commission consisting of a total of seven members, including a chairperson and two others from outside the metropolitan area, all appointed by the governor. He said that by August 1 the commission would begin to consider "design specifications for a (65,000) seat sports facility at not more than three alternative sites." Patton said that the Metropolitan Council should be authorized to issue revenue bonds and impose an on-sale liquor tax in the metropolitan area, to finance the stadium, depending on its cost.

A similar no-site proposal was made by Representative Joel Jacobs, DFL, Coon Rapids, but he advocated that a stadium be built in Coon Rapids, suggesting that it might then qualify for federal funding.

No action was taken on any of the proposals. The chairman of the House committee asked the authors to reach an accord among themselves by the coming week.

Watch for more news on the stadium proposals in the next issue of Minnesota Alumni News.