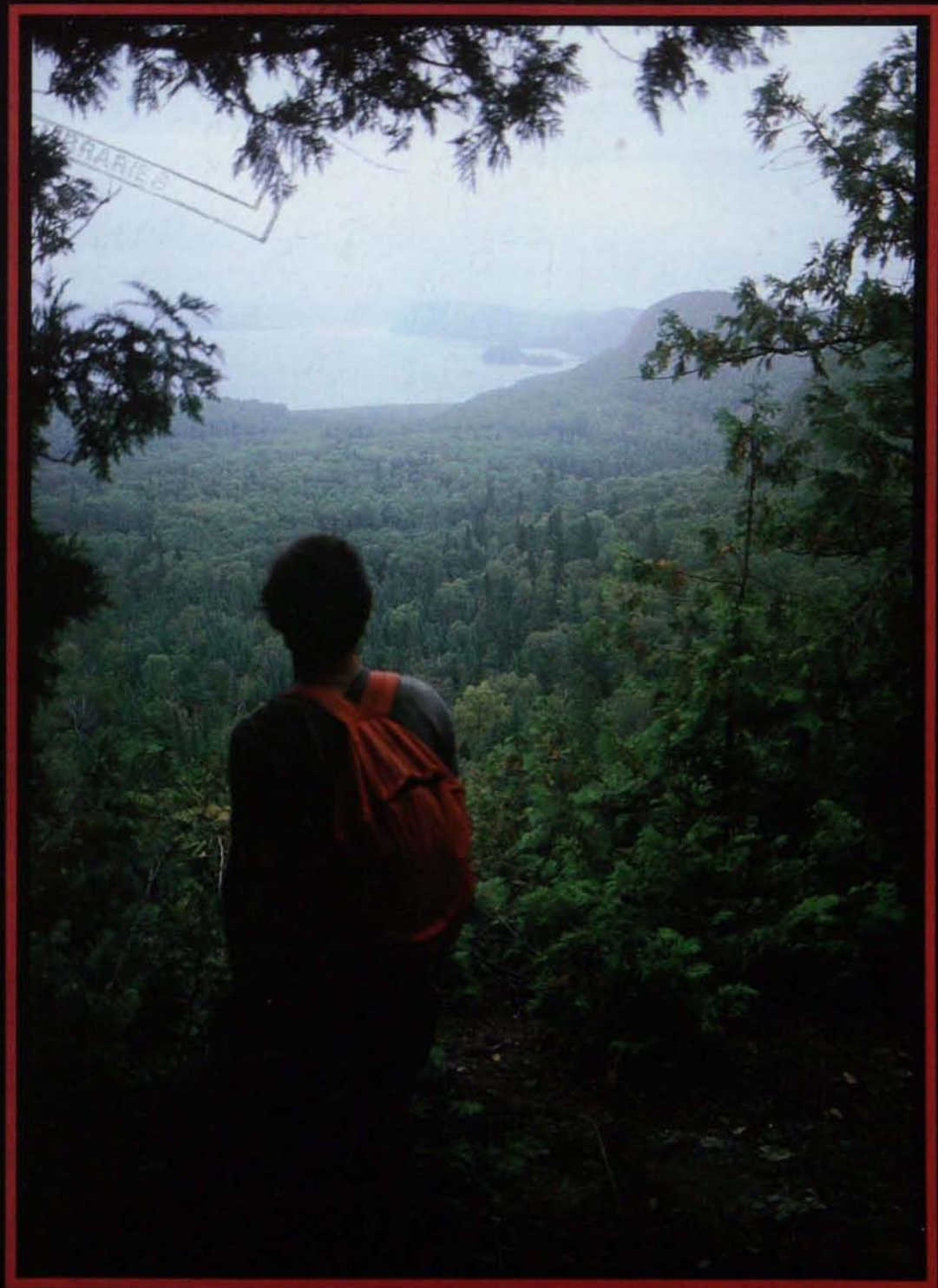


MINNESOTA

University of Minnesota Alumni Association

November 1981





Contents

Editor
Richard D. Haines, '76

Associate Editor
Chuck Benda

Assistant Editor
Steve Baker

Design Director
Christia Blomquist

**Minnesota Alumni Association
Executive Committee**

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

Vice President
John W. Mooty, '43, '44

Secretary
David Mona, '65

Treasurer
Charles M. Osborne, '75

Members
Thomas E. Holloran, '55
D. Wayne Jimmerson, '42
Viola May Kanatz, '44, '71
Harvey MacKay, '54
Pamela Lind Nichols, '67
Penny Winton, '74

Past President
Ronald L. Simon, '54, '74

Executive Director
Stephen W. Roszell

Minnesota (ISSN: 0164-9450), November 1981, Number 3, is published monthly from September through June, except January and February, by the Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street SE Minneapolis, Minnesota 55455 (612-373-2466). Second-class postage paid at Minneapolis, Minnesota, and additional mailing offices. *Minnesota* is sent to dues paying members of the Minnesota Alumni Association. Member of the Council for Advancement and Support of Education. Postmaster: Send form 3579 to *Minnesota*, 100 Church Street SE, Minneapolis, Minnesota 55455. © by Minnesota Alumni Association. *Minnesota* is a continuation of *The Minnesota Alumni Weekly* founded in 1901.



8 Clearing the Longest Trail

by Chuck Benda

It took eight years of whacking through underbrush to clear a 75-mile trail for backpackers.



12 Return to Gods Country

by Eric Severeid

In 1930, Severeid and a high school companion started out on a canoe expedition from Minneapolis to Hudson Bay.



14 Experiments With Cattle Cloning

by Gordon Slovut

Superior beef and dairy cattle may be produced, laboratory style.



18 The Last House Decorations?

Photography by Gary Wicks

If the Minnesota Gophers move to the new dome stadium in Minneapolis, the traditional Homecoming house decorations may give way to floats.

Departments

Steve Roszell	4
At the 'U'	5
Sports	24
Minnesota Alumni Association	26
Colleges & Schools	28
Calendar	34
Class Notes	36
Once Over Lightly	46

Cover: Gerhard Geiss enjoys a view of South Fowl Lake, and, in the far distance, Canada from an overlook on the 75-mile Border Route Trail, a backpacking trail built by the Minnesota Rovers. Photo by Chuck Benda.

Inside Front Cover: It only took a few seconds to level Powell Hall, home of the School of Nursing since 1933. At 1 p.m. September 13, the building was imploded to make way for the new Health Sciences Unit J, which will house hospital beds and clinical services. Photos by Glenn Osmundson of the *Minnesota Daily*.

STEVE ROSZELL

Volunteers: A Minnesota Tradition

The Gopher victory over Purdue on a recent Saturday, capped a winning day for the University of Minnesota. That same morning, more than 110 alumni leaders representing alumni societies throughout the University and from chapters across the state and the nation, gathered at Coffman Memorial Union for the Minnesota Alumni Association's third annual Leadership Day.

This year our staff goal was to enable alumni leaders to learn more about their University and the challenges that confront it, and to exchange ideas on how they can help to keep Minnesota a leader in American higher education.

The program featured a panel of University administrators, who spoke about the future of the University of Minnesota and how essential alumni are to that future.

One member of the panel was Bill Heug, deputy vice president and dean of the Institute of Agriculture, Forestry and Home Economics. He told us that the University was the "best-kept secret in the State of Minnesota," and that it was up to us to change that.

Our keynote speaker was Hamilton McCubbin, professor and chairman of the Department of Family Social Science, who spoke of the importance to our emotional well-being and sense of self-esteem of belonging to volunteer organizations.

Following these presentations, the alumni leaders broke into groups to learn techniques that can make their volunteer roles more productive and rewarding, and to

exchange program ideas for the better understanding of these roles as they figure in the support of the University.

Alumni volunteer leadership is extremely important to the University of Minnesota. Long before alumni formed our Alumni Association in 1904, volunteers played an important role in changing the dream of a University of Minnesota into a reality. Clearly those early Minnesota settlers expressed their commitment to education by founding the University in 1851; seven years before statehood, while Minnesota was still a wilderness territory.

Alumni have a unique and distinct responsibility for the stewardship of the future and the quality of this university, as do alumni for all colleges in America.

Nowhere else in the world does this tradition of alumni stewardship exist.

I believe that it is this tradition that has made American education productive, diverse, exciting, democratic, and independent.

It is part of that American tradition of banding together to meet challenges and to solve problems.

I don't think it's an exaggeration of the importance of education to say that there is no problem that education will not help to solve.

And so, those alumni leaders who returned to campus on that sunny, crisp Saturday to see Minnesota edge Purdue and to renew their knowledge, commitment, and skills, are part of a long Minnesota tradition, a unique and crucial American tradition.

All alumni should take this stewardship seriously, for if the University of Minnesota is to remain a national resource, it will take all of us, not just the dedicated few who gathered here on a Saturday.



Volunteer Ruth Delin is vice president of The Gold Club.

CHUCK BENDA

AT THE 'U'

Cutbacks to Cover Salary Settlements

With the handwriting of a money shortage clearly on the wall, the University of Minnesota is preparing to make \$4 million in internal cuts during this fiscal year to cover yet unnegotiated salary settlements.

University administrators are assuming those settlements will add up to a figure larger than the amount the Minnesota Legislature is likely to give the University to cover salary increases, President C. Peter Magrath told the Board of Regents.

Traditionally, salary settlements are reached before the beginning of the new fiscal year. This year, however, salary agreements between the state and unions governing state employees and State University and Community College System faculty members have been slow in coming.

Few University of Minnesota employees are unionized, and their salary increase appropriation this year will be based on the amounts negotiated by comparable groups of state staff and faculty members.

Magrath said the \$4 million figure is the result of calculations based on "assumptions, not facts."

The University is assuming it will receive enough money from the legislature to cover about eight percent in salary increases, he said. Further, it is assuming settlements for Civil Service staff will require a nine percent increase retroactive to July, and another one percent in January of 1982. Finally, the administration hopes to provide a faculty salary increase of at least 10 percent.

The University had argued at legislative hearings that faculty salaries are too low to attract and retain the best faculty members and that top-notch faculty members were being lured away to better paying jobs in other sectors. But the legislature took no action on the faculty salary issue, opting instead to wait and base the University's amount on the average of settlements reached by the faculties at the state universities and the community colleges.

"We assume that the appropriation (from the legislature) will be inadequate in terms of what the regents requested and what we think is vital" for faculty salaries, Magrath said.

At its July meeting, the Board of Regents voted to find some way to increase faculty salaries, even if it meant making internal money shifts.

"Our objective is to do something, whatever we can, without wrecking the place and destroying programs," Magrath said.

Past internal budget cutting has been done across the board, but this \$4 million cut will use a different formula, he said. "Across-the-board retrenchment is the easiest but perhaps the worst way to make cuts. We believe any across-the-board cuts on a massive scale would be very harmful to our educational programs," he said.

"The fiscal year is running, and if we're to do anything, we have to move now," he said.

Magrath said he would be sending a letter to deans and unit heads, providing details on budget-cutting measures, but added that they have already been forewarned. "Some have already put holds on certain types of spending," he said.

The budget cutting will not end with this year's \$4 million shifts. The appropriation the University received from the legislature for

1982-83 is inadequate because of the state's own financial troubles, he said. That budget will have to be based on further internal cuts, he said.

Next year's expected cuts will be decided after the administration has taken a look at each program in the system and given it a ranking based on such things as quality, demand and its relation to other units.

In an August 27 letter to the faculty, Vice President Kenneth Keller said the projected long-term budget cutting is "not a transient situation. The state's financial crisis is likely to last for several years and the University's enrollment is likely to stabilize and possibly decline in that period."

"We are not simply responding to a crisis in this process," he wrote. "We are entering a new era for this University."

The regents approved the sale of six acres of undeveloped land the University owns in Rosemount, Minn., at a price of \$55,000. That parcel is one of several earmarked for sale to make up part of a \$14 million loss the University suffered in the middle of the last fiscal year because of the state budget deficit.

ISTA Given Equal Status

The Board of Regents approved a request by the International Study and Travel Association Travel Agency that it be given the same status as other University-run businesses. The agency has been operating on a trial basis for the past year.

The ISTA counsels students who want to travel abroad, using the philosophy that foreign travel is a valid part of a student's education. When charter flights dried up, the

ISTA asked to go after a license that would allow them to issue tickets for international flights and connecting domestic flights.

Controversy arose when several private travel agencies located near the Twin Cities campus complained that the ISTA service was hurting their business. Further, they alleged, it is not appropriate for a publicly supported institution to compete with private merchants.

Proponents of the ISTA plan had argued that none of the private agencies was able to provide educational counseling for traveling students, and that ISTA's ticketing ability is an integral part of the total service.

The board approved the ISTA request for regular status, with review every two years, on a close 6-5 vote, with Minneapolis regent David Lebedoff abstaining.

President Magrath To Take Study Leave

C Peter Magrath, president of the University of Minnesota for the past seven years, will take a three-month leave of absence next summer to study higher education issues.

Magrath's plan for a "mini-sabbatical" leave was approved unanimously by the Board of Regents. Under the plan, Magrath will be gone from mid-June to mid-September of 1982.

During his leave, Magrath told the board members, he plans to "read, study and reflect" on planning issues in higher education, administration, including the work of education governing boards and government bodies; and his particular interest, international education.

Magrath said he does not plan to stay in the Twin Cities during his leave.

Kenneth Keller, vice president

for academic affairs, will step in for Magrath during those months.

"There is never a good time to go," Magrath said. "But I've never felt better about the vice presidents I work with than I do now."

"Since becoming an academic administrator in 1968 at the University of Nebraska, I have never had an opportunity to spend any uninterrupted time reading and studying," Magrath wrote in a letter to the board. "A three-month leave would be consistent with our policy of faculty sabbaticals and is done from time to time for presidents of other universities."

Board chairman Wenda Moore said she has asked Magrath to organize the results of his studies when he returns "in papers that we can reflect on."

\$10,000 Award Goes to Cleveland

Harlan Cleveland, director of the Hubert H. Humphrey Institute of Public Affairs at the University of Minnesota, has been named co-recipient of a \$10,000 prize by a group of international thinkers.

Le Groupe de Talloires, a non-profit organization created last year to stimulate discussion on how economics affect society, chose Cleveland to share its first "Prix de Talloires" with French futurist Bertrand de Jouvenel.

The award is given annually to an individual who has made an outstanding contribution to the area of interest the group discusses during its colloquium. This year's theme is the value of the generalist in a world of specialists.

Approximately 60 business leaders from Western Europe and North America are expected to attend the four-day conference titled "Managers as Pioneers of Social Innovation."

Following presentation of the

award Cleveland will give a half-hour talk on "Education for Leadership for Innovation." As director of the Humphrey Institute, Cleveland has been developing a program for leaders in mid-career.

Cleveland became director of the Humphrey Institute in August 1980. His background includes work as a foreign aid administrator under the Marshall Plan and editor and publisher of the defunct *Reporter* magazine.

OPEC Expert Predicts Stable Oil Prices

The price of OPEC oil should stabilize near the current average price and remain there for several years — if there are no major disruptions in the oil-producing countries.

That is the studied prediction of Sharif Ghalib, vice president of the Chase Manhattan Bank in New York and an expert on the economics of OPEC. Ghalib spoke recently in Duluth and St. Paul as part of a panel of Middle East experts for a University of Minnesota program.

OPEC countries have been bickering for more than a year over a standard price. The average price a barrel is \$34. Saudi Arabia, the largest petroleum producer, sells at \$32 a barrel, while some other OPEC members sell for as much as \$40 a barrel. This disagreement over price has led some oil experts to predict the collapse of OPEC.

"The cartel is not about to disintegrate," Ghalib said. "The salvation for OPEC lies in the Saudis having the ability to fulfill current revenue needs while cutting back production."

Since the beginning of 1981, there's been a glut of oil on the market, Ghalib said. "Consumption of oil by industrial countries dropped seven percent last year,

and will probably fall another four percent this year," he said. "Larger-than-normal stockpiles of oil caused by overreaction to the Iranian revolution and the Iran-Iraq war are now being tapped because they are too expensive to hold."

The final reason for the glut of oil is that the Saudis have kept their production high, Ghalib said.

So why are the Saudis helping to decrease oil prices? "It's not altruism, but enlightened self-interest," Ghalib said. "The Saudis have proven oil reserves that will last for many years. They're concerned that too rapid an increase in prices will force industrial countries to convert to other energy sources and endanger the long-term oil market."

Saudi Arabia is concerned that inflation driven by high increases in oil prices will erode foreign investments and make imports more expensive. They're also aware that sensitivity to the economic well-being of other countries can reap political dividends, Ghalib said.

But these arguments do not particularly impress countries like Nigeria, Venezuela and Algeria, which have small reserves of oil and an immediate need for cash, he said.

Saudi Arabia has offered to cut back its oil production in return for a uniform OPEC oil price of around \$34 a barrel, Ghalib said. Although no agreement has been reached at the last three OPEC meetings, "opposition to the Saudi plan is not overwhelming," he said, giving the next OPEC meeting in December a 50-50 chance of establishing a standard price.

"Saudi Arabia is wealthy enough to reduce its oil production by 40 percent," Ghalib said. "By cutting production, Saudi Arabia could allow Algeria, Nigeria and Venezuela to fulfill their revenue requirements by pushing their production to the maximum, while charging a lower price."

Even if the price of crude oil sta-

bilizes at a lower figure, it's difficult to predict how that would affect gasoline and fuel oil prices in the United States, Ghalib said. Factors like domestic production costs could make U.S. fuel prices rise, even while OPEC prices are falling, he said.

China Attorney Visiting Prof

The attorney who defended the Gang of Four during political trials in the People's Republic of China has arrived in the Twin Cities to spend a year as a visiting professor in the University of Minnesota Law School.

Law School Dean Robert Stein said the visit of Ma Rongjie is the first step in development of relationships with legal institutions in China, which could help commerce between the two nations.

"The Chinese are eagerly looking for the development of legal doctrine to handle international business relations," Stein said. "This is an opportunity to assist them and benefit American interests."

"Even more important is the general scholarly interest in exchanging views and ideas on common issues," he said.

During his one-year stay, Ma will teach two comparative law courses on the Chinese legal system and on Chinese criminal law. An expert on Chinese family law, Ma may teach other classes as well.

"We think the students will better understand our own system of law by having a comparative understanding of how problems are approached under other systems," Stein said. "It's an exciting opportunity for our students to study under scholars from other lands."

Other Law School programs bring in scholars from France and Sweden.

One of the longest-term practicing lawyers in China, Ma graduated



Ma Rongjie

with distinction from the Beijing (Peking) School of Political and Legal Studies in 1954. During the Cultural Revolution between 1966 and 1976, when lawyers were not allowed to practice, he engaged in personal research on legal theories and the Chinese legal system.

In 1978 Ma joined the Law Research Institute and headed an editing team which published "Legal Research," the most renowned publication on legal studies in China.

In the last three years, Ma has written more than 40 articles on Chinese law, which have been published in major newspapers and publications in China. A series of his lectures, given at a national lawyers' conference, was published as a textbook, "Comrade Ma Rongjie's Lectures at the First Lawyer Training Courses of Heilongjiang Province."

In China, lawyers do not challenge the state's case or act as advocates for their clients. Usually an attorney's role is to present mitigating evidence and to urge leniency for the client.

Besides the Gang of Four, Mao Tse-tung's disgraced radical associates, Ma has defended Yang Hu against charges of treason and defection to the enemy. Yang was commander of the Shanghai Garrison Headquarters and was a former general in the Kuomintang Army.

Ma is currently working on three books on Chinese law including "How to be a People's Lawyer."



Ed Solstad, trails coordinator, performs a last minute tune-up on one of the power brush cutters the Rovers use for trail maintenance. After eight years working on the

Border Route Trail, he became adept at trouble-shooting mechanical buoys.

Clearing the Longest Trail

Story and Photos
by Chuck Benda

The rugged shield country of northern Minnesota was not meant to be crossed on foot. Heaved and buckled by volcanic disruptions, scarred and compressed by mountains of glacial ice, then cloaked with dense boreal forests, this land of mosquitoes, muskeg, and granite can humble the most intrepid bushwhacker.

The Indians knew better. When they wanted to travel long distances, they took to the rivers and lakes that formed in the aftermath of the glaciers. The voyageurs followed, pursuing the wealth of the fur trade in birchbark canoes; using the system of water-trails developed by the Indians.

Then along came the Minnesota Rovers — a University of Minnesota outdoor travel club — whose members struggled eight years to build a 75-mile backpacking trail, which parallels the Canadian border.

The Border Route Trail is the longest continuous backpacking trail in Minnesota. Starting near the end of the Grand Portage Trail, 10 miles from Lake Superior, it winds through swamps and highlands, roughly following the United States-Canadian border, and ends near Gunflint Lake in the midst of the Boundary Waters Canoe Area.

There it connects with the Kekekabic/Snowbank Lake trails system, making it possible to backpack from Lake Superior to Ely, Minn., more than 130 miles.

It took the Rovers eight years working weekends to build the Border Route trail. Starting in 1972, they mapped out a route, had it approved by the U.S. Forest Service, and began the backbreaking work of clearing trees and brush. Fifteen workers could clear about a half-mile a day, if the going was good. Their efforts were subsidized by the Forest Service in the beginning and later by the Minnesota Department of Natural Resources.

The Border Route Trail gives modern man the opportunity to view the canoe country of the arrowhead region from a perspective few voyageurs — of any era — ever enjoyed.

It was such a view that laid before us.

Like slabs of slate scattered across the valley, the lakes stretched among the stands of birch and white pine 500 feet below: Royal Lake, John Lake, Little John, and South Fowl.

Gerhard Geiss and I sat on the lichens covering the rocky overlook to catch our breath. Gerhard, 23,

had come to America from West Germany to study engineering. He had finished a seven-week intensive language course and was spending the Labor Day weekend with the Rovers on the Border Route Trail, as was I.

When my heart stopped pounding and my ears ringing from the long climb up the hill, new sounds filled my head — wisps of sound. Soft whistling. Little peeps in the wind. Tiny wings flapping like the rush of an arrow as a flock of brown and gray finches sifted through the forest. They looped from tree to tree, eating, singing — preening their feathers.

I drew a deep breath. A drink of air.

Grays and greens. Just a sniff of moisture in the air. Mist, not rain. The tang of winter on the wind.

Behind Abel Island, around the bluffs ahead, the Pigeon River drained out of South Fowl Lake. This tiny stream, barely deep enough to float a canoe filled with furs, was once a busy voyageur highway. Four modern-day voyageurs in aluminum canoes were making their way through the narrow passage leading to North Fowl Lake.

Eight miles east, on a bluff overlooking the middle reaches of the Pigeon, there were no finches to be heard; no trees souging in the

wind. Only the harsh whine of two-cycle engines powering chain saws and brush cutters. There, 10 Rovers, led by trails coordinator Ed Solstad, were making a maintenance sweep of a section of the trail strewn with fallen cedar and white pine; overgrown with brush. Like a noisy platoon of lumberjacks they inched their way along the trail, sweating, cussing, getting dirt in their eyes, thorns in their fingers, and mosquito bites everywhere else.

The Rovers finished the trail in 1980, and celebrated with a ribbon cutting ceremony and a bottle of wine. The trail, however, requires continual maintenance to fend off the fastgrowing brush and clear the frequent deadfalls so people can continue to enjoy this unique perspective of the canoe country.

Ed led the way, slashing weeds and saplings wherever they grew in the trail. Joe Rapacz, a husky 24-year-old high school teacher from Eau Claire, Wis., followed with a chain saw, buzzing the deadfalls into four-foot sections that could be lifted out of the way. Joe said he chose a trail-building trip instead of a recreational trip because he needed to get away, and get a good workout. He was getting both.

Craig Ellestad, 30, has a geology degree from the University of Minnesota, and he described himself as "between positions." He's a Rover and he, too, needed to get out of town for the weekend. He was manning a second brush cutter, clearing what Ed missed.

The others — Dan Feldman, Minneapolis; Carolyn McNeil, Minneapolis; Steve Anderson, Minneapolis; Dave Schwartz, St. Louis Park; Gayle Petty, Minneapolis; Lorraine Smith, Minneapolis; and Jane Barnard, Minneapolis — walked between, before and after; carrying tools, gas, oil; picking up the brush and chunks of logs, clearing them off the trail, flagging the trail with strips of blue ribbon, carrying the lunch, and waiting to re-

lieve the workers manning the power tools. In an eight-hour day they would clear less than four miles.

In the meantime, Gerhard and I had been dropped near McFarland Lake. The reason for our side trip was to let me see some of the more spectacular overlooks along the trail, since the maintenance crew would be sweating deep in the forest most of the day. Ed sent Gerhard along to keep me company.

After the finches passed, we resumed our hike, following the ridge-line south of Royal Lake, toward the outlet from South Fowl. From time to time a granite outcropping or a break in the forest would open the view and we would

stand in silence, staring off into Canada where the green hills faded in the distant mist until they became mere shadows or clouds.

A brown flash of fur leaped across the trail and skittered up a jackpine. Fluffy tail, wide eyes, and fox ears. A marten, relative to mink and otter, sat in the lower branches, like a squirrel or a cat — shy, curious — until we passed.

We ate lunch — raisins, peanuts, M&M's, cheese and crackers — near a chimney of rock at the end of the ridge we had been following all morning. Gerhard asked if the lakes would freeze over, and when the snow would come.

"At home," he said about Germany, "we have hills such as these,



Gerhard Geiss stopped for a drink from the Pigeon River. This section of the Pigeon, south of South Fowl Lake, had to be portaged around by the voyagers.

larger, a little. But we would come to a village every five minutes if we walked through those hills. Is there no industry here? No pollution?"

Logging is the only industry here, I told him, and what pollution there is comes from the outside in the form of acid rain. There are few roads, few cabins. The area is largely unharmed by man.

Down from the ridge, into the thick of the forest we plunged. Rugged as it was, the trail was a primrose lane compared to what it would have been like to pick our way through the bush. Near the second Pigeon River rapids out of South Fowl Lake, the trail disappeared in a tangle of fallen cedars and white pines. For 50 yards it looked as if some malevolent giant had purposefully toppled trees across the trail. It would take half a day with two chain saws to clear the trail.

Gerhard and I slipped down to the river for a drink. It was hard to imagine going up or down this river in a canoe as we looked at the rock-strewn rapids. The only way past

What's a Rover?

"... one that wanders; a habitual roamer," according to the dictionary, and that's about as narrowly as Minnesota Rovers can be defined. Founded in 1954 as a University of Minnesota club and later expanded to an open membership club with a university affiliation, Rovers is a loosely knit group of adventurers. They describe themselves as a cooperative outings club and act as a clearing house for member-organized outings. The outings are mostly outdoor oriented — backpacking in an Arizona desert, canoeing in northern Minnesota, mountain climbing in Peru, or bicycling around the Twin Cities parkways. Sometimes the outings are more of a social event: a potluck dinner followed by a trip to a bluegrass concert. They also are involved in civic minded activities,

such as building backpacking trails, and conservation.

The club owns outdoor recreation equipment, which can be used by members, free of charge. Dues are \$10 a year, but anyone can participate in meetings and trips, member or not. Meetings are once a week to announce trips and to socialize. Although there are no age limits or membership requirements, the majority of Rovers are in their 20s and early 30s, and about six out of 10 are University of Minnesota students or alumni.

The club has 450 members and it is possible for beginners to participate in the outings and to learn outdoor recreation skills from more experienced members.

If you are interested in learning more about Rovers, simply show up at Smith 100 on the east bank of the Minneapolis campus at 7:30 p.m. on any Tuesday or write to: Minnesota Rovers, Box 14133, Dinkytown Stations, Minneapolis, MN 55414.

Happy roving!

these rapids was overland, and it was easy to imagine a covey of French curses flying through the air in earlier years as some itinerant voyageurs slogged through the icy water to unload their canoe for the portage.

The trail goes straight south for four miles once it leaves South Fowl Lake, but the Pigeon River wanders to the east. As we lost sight of the Pigeon, we dropped even lower and crossed the Stump River — a tributary of the Pigeon — on a footbridge built of logs and limbs. The Stump River flows through a low area that was once a shallow lake. Now it is a meadow, built on decayed plants and trees that gradually filled in the lake. Willows, alders, and stunted pines were scattered across the flatlands. As the land began to rise, an abrupt change in the vegetation — a return to the boreal forest — marked what was once the shoreline of that ancient lake.

We were to meet the others at



When it's lunch time, any bowl will do. Tuna, cheese, mayonnaise, and lettuce were mixed in this hard hat and stuffed into the pockets of pita bread for a noon meal. Fig Newtons were for dessert.

the Otter Lake cut-off at 4 p.m., but they were still more than a mile away when we got there. Ed wanted to finish clearing the trail right up to the cut-off, so they worked until after 7 p.m. It was nearly dark by the time we got out of the woods.

Twelve tired bodies piled into Ed's old blue van. The windows fogged with the body heat, and the aroma was pungent, but no one complained during the short ride to the campgrounds.

A supper of salad and Spanish rice pilaf was prepared hastily and eaten. A fire was built and the evening was spent sipping wine and swapping stories around the campfire until fatigue called the workers off to their tents one by one.

The next day was more of the same as we helped clear a section of the trail from an old lumber camp along the Pigeon River down to the eastern access near Partridge Falls.

Little was said after we had settled into the van and started the six-hour drive home. The sun was low in the west, the light soft and warm. The sky had cleared in late afternoon after a day of light showers.

A black bear, sighted along the road, created a commotion as those in the back attempted to catch a glimpse of it, but within minutes everyone was stretched out again, and silent.

We reached Highway 61 at dusk.

"I love driving along the lake at night," Ed, who had worked harder than anyone the whole weekend, said. The harvest moon, two-thirds full, poured a shimmering path of light onto Superior. In the orange after-glow of the sunset, the purple bluffs of the Misquah Hills looked like crested waves from the lake, rolling into the interior.

He drove on down Highway 61 to a gentle chorus of deep breathing and snores drifting forward from his sleeping crew. The view, the sounds, seemed to revive him. He smiled all the way to Grand Marais.



High school buddies Eric Severeid, right, and Walter Port took a 14-week, 2,250-mile trip by canoe from Minneapolis to Hudson Bay.

Editor's note: In 1930, long before the Minnesota Rovers started roving, Eric Severeid, '35, was traveling by canoe through the rugged Canadian shield country. In 1980, Audubon magazine flew Severeid and his paddling partner back over the route of the original journey by

water from Minneapolis to Hudson's Bay. The following excerpts from the story Severeid wrote for Audubon lend perspective to the incredible accomplishment of the Rovers in building a 75-mile backpacking trail through similar country.

Return to Gods Country

by Eric Severeid
Excerpted from *Audubon*
magazine

A half-century after an unprecedented journey by canoe from Minneapolis to Hudson Bay, a famous journalist and his boyhood companion revisit the waters of their triumph — and near death.

Once upon a time, an incredible half-century ago, I had an adventure upon the rivers,

safe and sleepy rivers, roaring and remorseless rivers. On one my memory has dwelled and fought against, the Gods River in northeastern Manitoba on the approaches to Hudson Bay. It has been my white whale these 50 years. But now I, Ahab with an airplane ticket, have slain my obsession and am free of it. I have swooped about the

Gods, sped along its full length, seen it finally, with the sun upon it. Physically, I had conquered it once but emotionally it had won; it left me maimed in memory. Now we are quits, and love-hate has turned to love.

* * *

Until now the dominant feeling about it all was darkness, endless days of dull plodding on and on through a veil of rain and fog and forest. The sick sense of being lost. The eight or ten days on the Gods did that to me, almost obliterating the bright and happy brush strokes from the total picture in the retina of the mind's recollection. Why the difference from childhood memories? I have but one clue — on the Gods, at 17, death itself, not loneliness, was close upon me, and I knew it.

* * *

One day of sun and happiness we had had upon it. But then, as I wrote in a second book, in my 30s: "Day and night, the drizzle did not cease for so much as an hour. With the rain, the water we shipped over the gunwales in the fast stretches, and the water that seeped through the many cuts in the bottom of the craft, our equipment sloshed about constantly, our clothing and food were soaked through, our blankets were equally soaked. The woods oozed with water, every leaf held a pond, every dead twig and log was rotten with wetness. In order to build a fire at night we would spend two or three hours whittling out chunks of heart wood. Not even birchbark would burn. In our wet clothes we slept, wrapped in wet blankets . . . We did not stop at noon any more but ate, as we worked, a few cold pancakes saved over from the night and a few beans and dried prunes. We were falling far behind our expected schedule and our food was giving

out. We were forced to pause for fish. I remember Walter gripping one by the head in his teeth, his bleeding hands too stiff with cold to hold the slimy creature."

That is the way it was for us, the way it remained almost to the end. I could remember awakening at dawn, looking at the leaking roof of our pup tent, feeling a deep fear spreading up from my guts. Now I lay on a sheetless mattress in Ruminski's cottage, staring at a naked light bulb in a ceiling of plywood, listening to Port stir in the next bed, knowing that he was remembering what I was remembering.

In that second, adult book I had written about it this way: "We passed each day in silent anxiety. We rarely spoke. We took greater and greater chances . . . we shattered the tip of one of our two remaining paddles . . . We ran into shallows and for two days waded a creek which poured in at the right hand. This should have been the location of (Sherman's) cabin . . . Either the fire that had obviously swept through the area . . . had eliminated every log of the cabin, or this was not the place . . . We did not speak that day or evening . . . As always, in these situations, a trifle becomes the occasion for the explosion . . . His first words to me in 24 hours were: 'Why don't you wash that goddamn pan the way it ought to be washed?' He was walking toward me, and I knew this was it . . . I was conscious, not of his doubled fists, but of the forest, the river, the distance. This would be the end. I said, 'Wait until we get out of here.' But in a moment we were hammering and clawing, ripping one another's sodden clothing, rolling and kicking through the ashes of the campfire . . . Neither of us could manage to defeat the other, which saved the situation, since the loser would very probably have been killed . . . I began to break up; I thought about my mother, started to cry inside, and said over and over

again to myself: 'I'm too young to die.' Eventually, our flesh became chilled, we entered the canoe, avoiding each other's eyes."

When I reread this passage after this book was published, I felt startled. Surely the fight had swollen in my memory beyond its real dimensions. It was not possible that either of us could have killed the other; the fight had simply relieved the terrible pressure of built-up tensions. A day later we reached the Shamattawa River and were eating roast duck before a roaring fire in a trading shack just opened by two young Scotsmen for the trapping season.

* * *

. . . (we) . . . flew just over the treetops at times, and the geese and ducks sprayed out like bomb bursts. Rapid after rapid after rapid fled past us and I thought, "My God, my God, how did we do it in the darkness and rain, in our innocence and ignorance?" The religious feeling does not often possess me, but now it did. Surely, Walter and I had rushed along those currents in company with some special blessing.

The sun was lowering, off to the west. The plane lifted. In every direction, the wilderness glistened with lakes — silver pewter, some round to perfection like polished plate. The vastness remains; man ruins only his own little spots here and there. Time and nature possess all the rest of it.

Shadows were stretching out upon the huge lake as we came upon the river's foaming beginning. Baxter dipped a wing over the cottage where we had been marooned two months before. Gods River slipped behind us. I knew I would never see it again or need to. **M**

*Copyright © 1981 by Eric Sevareid
Reprinted by permission of the
Harold Matson Company Inc.*

Experiments with Cattle Cloning

by Gordon Slovit,
Minneapolis Star

One of the world's most sophisticated experiments in cloning — the creation of genetically identical cattle — is being planned at the University of Minnesota.

The experiment, if successful, could revolutionize agriculture, medical research and drug development.

The cloners hope to produce, from a single fertilized egg (or embryo), almost infinite numbers of cattle, each the identical twin of its fellows.

The technique, University researchers say, could be used to produce super beef or dairy cattle without the uncertainties of cattle breeding.

It also could be used to produce ideal animals for medical research. Anti-cancer drugs, hormones and other therapies destined for possible use on humans could be tested on a dozen animals instead of the hundreds or thousands now needed because of the varying genetic makeup of the test animals.

One University researcher said the cloned animals could be used to try to resolve one of the most controversial questions about humans: How much of an individual's intelli-

gence is hereditary and how much is influenced by environment?

"We would have animals that are identical genetically, so we could weigh the influence of environmental factors with some precision," the researcher said.

Cloning animals from a single fertilized egg has been done elsewhere in the world, but never with animals as genetically complex as cattle.

The research could be the forerunner of something far more controversial — and much more complex — the cloning of humans.

Dr. Alan Hunter, one of the researchers, said that the general technique probably would be the same for human cloning but "it would be somewhat more difficult with humans — to say nothing of the ethical questions involved, such as: When does life begin?"

In some fictional treatments of cloning, the plots have revolved around the possibility of cloning new individuals from the tissue of a living person, perhaps to create spare parts.

That would be far more difficult than cloning from a fertilized egg.

The Minnesota experiment will be based on the research of dozens of scientists in fertilization, ma-

nipulation and storage of eggs, and in genetic engineering.

Some of the basic work was done in the 1960s and '70s at the University of Minnesota by Dr. Robert G. McKinnell, a zoologist and professor of genetics and cell biology, who has successfully cloned frogs.

McKinnell is one of the five principal members of the university cloning research team. The others are all in veterinary medicine and related fields.

Until early this year most discussions of cloning mammals were speculative, stemming from unsubstantiated reports that some scientists had figured out how to clone from tissue.

The first authenticated report of cloning of a mammal came in January from Swiss researchers. The Swiss cloned three mice, not from a bit of mouse tissue but from a single embryo.

The basic technique was moved a step forward in March when British veterinary researchers Chris Polge and S. M. Willadsen announced they had used an egg harvesting and implantation technique to produce live calves.

The Minnesota researchers plan to go a step further with the tech-



MITCH KEZAR

Mel Fahning, left, and Alan Hunter examine a Holstein at the barns on the St. Paul campus.

nique used by Polge and Willadsen at the Agriculture Research Council Institute of Animal Physiology in Cambridge, England.

"We want to use their protocol, but modify it — by trying to increase the number of identical offspring, basically to clone cattle," said Hunter, the scientist who organized the Minnesota team.

"Willadsen was able to get up to four identicals, and we would like to do as many as possible," said Hunter. "We would be happy if, at first, we could get 20 identical offspring."

Hunter is confident that he and

the others can follow the Willadsen protocol — "some of the techniques he used, he learned from us — visiting here."

Hunter said he and the others became a team, for the project, after they realized "we had all the expertise we needed right here" and he was able to get about \$44,000 from the University agriculture extension service to finance the beginning of the project.

Hunter's specialty is fertilization. His main research has been on determining how the sperm and embryo acquire what he calls "ferti-

lizability." But for the cloning project, Hunter has become the "embryo manipulator," the person developing the skills necessary to suction out cells — the genetic material — from the single cell.

Team member Bo G. Crabo is a cattle expert who knows how to use hormones to get a cow to "super-ovulate," produce 12 or more embryos. Cows normally ovulate one egg at a time. Crabo collects embryos for the team.

Mel Fahning, another team member, is an expert on harvesting, storing and shipping ova. In addi-

tion to his duties as a university veterinarian, Fahning was a founder of a company in River Falls, Wis., that freezes, sells and ships ova to breeders for implantation.

Dr. Edmund Graham, also on the team, is an authority on freezing and storing embryos and semen. Storage of the embryos is especially important for the project because the researchers won't necessarily have cows ready for implantation at the time they have eggs ready for implantation.

It's also important for the long term. If the process works as expected, scientists will want to keep, for example, one fourth of the cells they harvest from an embryo in storage while they wait to see if the identical animals they produce are worth reproducing.

If they are, the cloners will be able to take the saved ova from storage, make those cells multiply, and then use them as the basis for pro-

ducing 200 or more identical animals.

Hunter said that at the moment, the Minnesotans are experimenting with eight-cell embryos, breaking each into four two-cell fragments and wrapping each fragment in a protective covering, a sort of warm-up for the cloning, which will reach the cow-implantation stage in about six months.

He said that in preparation for the cloning, the Minnesotans already have implanted cattle embryos in rabbits — which serve as temporary mothers — to make sure that *that* stage of the procedure will work smoothly.

Hunter said the actual experiment will begin with artificial insemination of a cow. Once the cow is impregnated, the scientists will flush the eggs from her, select a single embryo, pull it into segments of cells and cultivate the segments in a solution that includes a chem-

ical eventually used as a sugar and some amino acids to build protein.

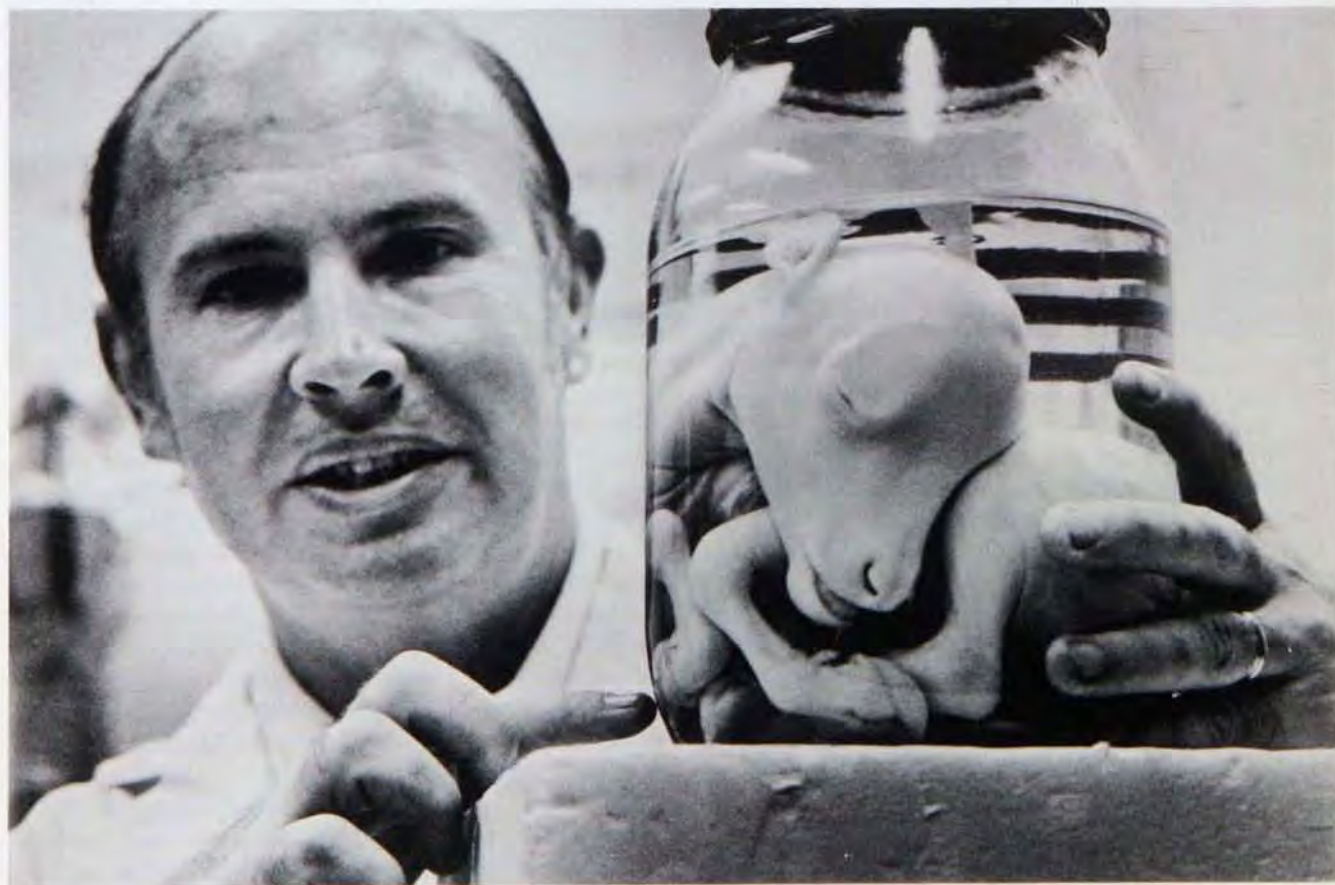
They will incubate those mini-embryos and place each segment in the fallopian tube of a rabbit or sheep, using those animals because they are far less expensive than cows.

Inside the tubes, the segments, if all goes well, will develop — dividing into four cells, eight, 32, 64, 128 and 256 before they move down the tubes to the uterus of the animal.

At that point — three or four days after the segments have been put in the foster mothers — the researchers will take the embryos from the animals and implant them in the uteri of waiting cows.

The genetic material in each will be the same — resulting from the same fertilization of a single egg, so the cattle born will be identical male or female cattle.

Graham sees a great potential in the use of the cloned animals for



Dr. Alan Hunter with a preserved bull fetus.

such simple experiments as determining which kinds of feed to use.

"If you want to find out if it's better to feed an animal barley or oats, you'll be able to feed one identical twin barley and another identical twin oats and get your answer immediately," he said.

"And in cattle raising, you could see which animal gains 10 pounds a day on grass alone, go back to the freezer (for the embryo cells left in storage) and have a perpetual supply of eggs for producing that exact animal by keeping on splitting your supply in half," Graham said.

What about the use of the technique with humans?

One of the technical difficulties involves the short time between fertilization and the time the embryo moves down the fallopian tubes to the uterus and begins to change from genetic material to specific kinds of tissue and organs. In cattle, it takes about 40 days before that movement takes place; in humans it's only about a week.

But even if that were surmounted there would be "very tough ethical questions," Hunter said.

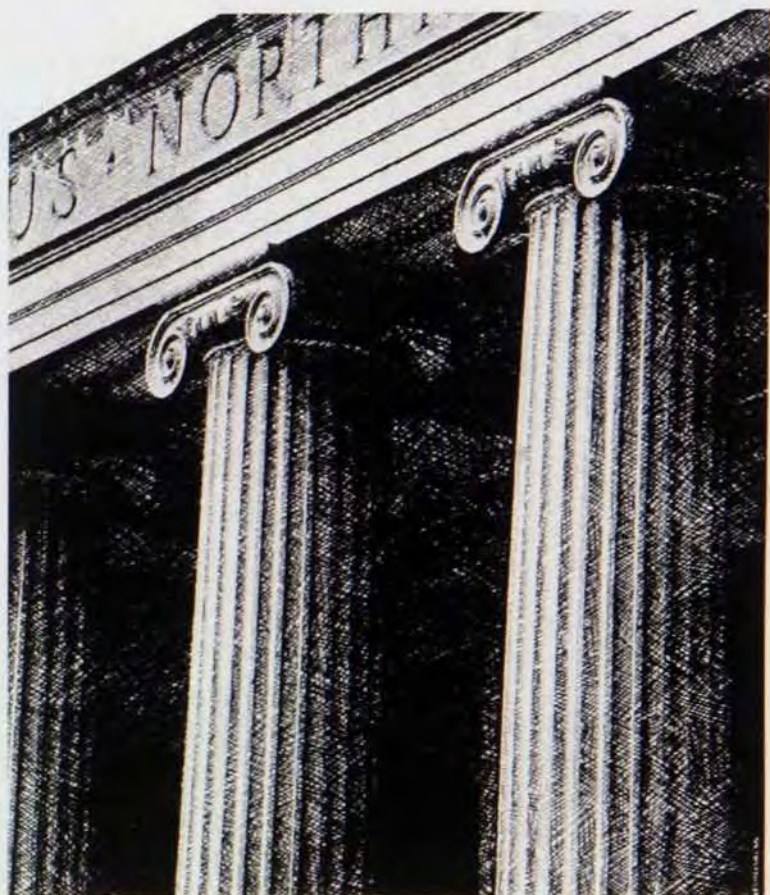
The questions could center on a variety of issues, such as parentage and who ought to be cloned and whether a scientist would be destroying a human life by washing unwanted fertilized eggs down a wash drain.

Those concerns are secondary to Hunter and others on the team, at least for now.

In six months they plan to move the first embryos into cows, and in about 18 months, if all goes well, the first of their cloned cows will be born.

Says Hunter: "I'm confident we can do it." **AA**

Gordon Slovut is a staff writer for the *Minneapolis Star*. This story is reprinted with permission. All rights reserved.



STRENGTH AND STABILITY

A sound education adds much to your life. Giving something back also has great benefits. Through a charitable gift, the University of Minnesota grows stronger and more stable, and with your gift, we can help you arrange a "stream of income" for you and for those you love. It's security for the future, in your own terms. For more information, send the coupon below or call us at (612) 373-9934.

Please send me more information about how you can help me plan a secure future.

Name _____

Address _____

City _____ State _____ ZIP _____

Class Year _____ Major _____

Telephone _____ Birthdate _____

Send to: Planned Giving Office • University of Minnesota Foundation,
120 Morrill Hall • 100 Church St. SE • Minneapolis, Minnesota 55455

UNIVERSITY OF MINNESOTA FOUNDATION

The Last House Decorations?

Photography by Gary Wicks

University of Minnesota students sold 63rd annual Homecoming buttons, entered cheering contests, submitted entrants to the queen and king royalty contest, played football, constructed 100 floats, and, as tradition has it, built house decorations.

This year's theme? "Reverse Northwestern's Charge."

Minnesota magazine sent Minneapolis freelance photographer Gary Wicks on a photo expedition to the 12 fraternity and sorority houses that built displays.

He found students hard at work, fans watching them, and Gophers and Wildcats staring back.

"If the Gophers play in the dome next year will this mean that this year's house decorations were the last?"

"Nobody really knows the answer to that question at this time," Linda Cooper, chairwoman of Homecoming and a member of the Student Alumni Board, said. "We'll have to wait and see. There may be other alternatives next year like a pep fest in Memorial Stadium. I sure hope, though, that these were not the last—"

Students were given points for a variety of Homecoming activities and based on a maximum of 1,000 points here is how they placed:

1st — Sigma Alpha Epsilon and Alpha Phi, house display, 980 points;

2nd — Alpha Gamma Rho and Alpha Chi Omega, parade float, 930 points;

3rd — Phi Delta Theta and Delta Delta Delta, parade float, 835 points;

4th — Sigma Nu and the Little Sisters of Sigma Nu, house decoration, 825 points.

"You also sold Homecoming buttons. At \$1 each. How many?"

"Twenty thousand," Cooper said.

And speaking of numbers, 45,949 saw the Gophers beat Northwestern 35 to 23.

It takes sleepless hours to stuff chicken wire with crepe paper, but these students (above) don't seem to mind especially when there is plenty of help. At right the only way to cover inaccessible wire is to build a scaffolding and sit there and poke the paper.







At left a Northwestern Wildcat seems to be signaling for help. Sigma Delta Tau and Delta Chi (above) built a decoration showing a Gopher tugging at a Wildcat. Young and old fans (at right) along with the ROTC join in a parade of their own near the campus.





The "Cat-Nip" is only a part of the Sigma Alpha Epsilon-Alpha Phi house decoration winner (above). The passing parade continues (at right) and it doesn't make much difference which way they look because there was plenty to see.



SPORTS

Basketball Begins At Home November 28

In 1978, the University of Minnesota was judged to have had the best recruiting year of any National Collegiate Athletic Association Division I school in the nation. During the next three seasons, those freshmen posted records of 11-16, 21-11, and 19-11.

Now those freshmen are seniors, and basketball fans in Gold Country hope that this will be the year for Coach Jim Dutcher and his Gopher cage squad.

There were no seniors on the Minnesota roster a year ago, but one letterman, reserve forward Ben Coleman, did leave school. That means nine monogram winners are back for 1981-82, and Jim Dutcher also has added two freshmen to indicate that the Gophers are ready to contend for honors in the Big Ten Conference.

Top returnees will be senior forwards and co-captains Trent Tucker and Gary Holmes. In three years with the Gophers, Tucker has tossed in 1,015 points and now ranks 13th on the all-time "U" scoring list. Holmes has scored 604 points during his tour at Minnesota but has gained even more notice as a rebounder and has garnered 505 rebounds during his collegiate career.

Giving Minnesota a top-notch backcourt will be Mark Hall and Darryl Mitchell. Both seniors, Hall is 12th on Minnesota's all-time scoring list with 1,034 points while Mitchell has 799 points to his credit. Hall, a year ago, was named the

Most Valuable Player in both the Pillsbury Classic and the Winston Tire Classic while two seasons ago Mitchell was selected to the National Invitational Tournament all-tournament team.

Big man, in more ways than one, for Minnesota again in 1981-82 will be Randy Breuer, a 7-2 junior center. In two campaigns with the Gophers, Breuer has scored 697 points and accounted for 264 rebounds. He was selected to the NIT all-tournament team in 1980 and then toured Europe that summer with the NIT All-Stars.

Also back for Minnesota will be lettermen forwards Jim Petersen, Zebedee Howell, Andy Thompson, and John Wiley . . . and Wiley also has the skills to play in the backcourt for the Gophers if Coach Dutcher decides to make that move. Another returnee will be Bruce Kaupa, a 6-1 junior guard who gives the Gophers excellent outside shooting and added depth at that position.

Two newcomers are expected to join Minnesota this season. Both freshmen guards, they are Tommy Davis and Barry Wohler. Davis is 6-4 while Wohler, also a football quarterback for the Gophers, is 6-2.

Football? Humphries Wants More Than That

by Jerry Zgoda
Minnesota Daily

Bill Humphries came to the University of Minnesota in 1978, just another high school star trying to find his place in a major college football program.

Humphries found his place — on the bench, with a lot of other for-

mer high school stars — and he wound up being red-shirted his freshman season.

But now Humphries is a little different from many athletes — he's turned most of his attention toward a political science degree and possibly a law career. His job as a starting guard for the Gophers seems to have taken second-class status. In fact, he doesn't even want to talk about football.

"It's silly. It's just a game," Humphries said. "I'm pretty big on the game but I don't like to talk about it. It's taken far too seriously for a game."

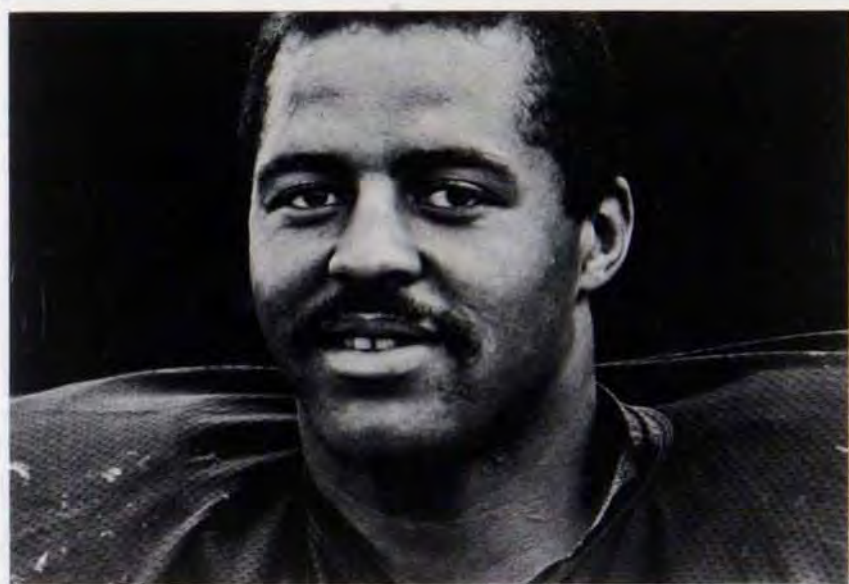
What changed his way of thinking was that freshman year. While at Chadsey High School in Detroit, Humphries earned All-State and All-American honors in football and was a local "star." But things didn't seem to go right once he arrived at the University. He no longer was a hero, just a struggling freshman player and a struggling student.

"I came here to play football, but then it changed after my freshman year because I just looked around and said, 'Dang, I gotta get more out of life.'"

"I didn't play at all my freshman year and I talked to a lot of other students from places like Edina and Minnetonka and all those places where their ambitions are to be doctors and lawyers and stuff. It made me really open up my eyes."

A lot of freshman athletes never come to that realization. The adjustment from being a high school star and the hero of your home town to being just another college student is too much for many. Failure on the field leads to either dropping out or flunking out of school.

"The first year is hard," Humphries said. "You grow up a lot. You come from being a somebody to being a nobody, a number, like all the other students. Arthur Ashe has



Bill Humphries

always said that an education will take you further than a sport. I think that's very important, but a lot don't. Everybody wants to be a star."

For Humphries, his pals at Chadsey, and thousands of inner-city youths, being a star is the only way out of the city. Athletics is a way of life, academics isn't. Of the 250 students in Humphries' senior class, only five went on to college, he said.

"In Detroit, the only way out of the city is by sports," Humphries said. "You have to excel in sports because the academic standards are so low that when you take an entrance exam, you're in the lowest percentile in the nation because you haven't been trained to take those types of tests. In sports, the best players usually come from the big cities, but in academics they just don't cut it."

The majority of high school players recruited from inner-cities have serious problems fitting into the academic side of college football. They come from high schools that don't have the academic programs other schools do and that don't stress schoolwork as much as suburban or rural schools do. Academic problems plague some athletes

throughout their collegiate careers.

"Everything here is so different," Humphries said. "Here you are, you're a C student in a high school that didn't offer French or any classes like that, and you're here because you're a football player. And you're in a class with all these students who had the French, the geography, the theology, all that stuff. It's difficult because you're down on the bottom and you're working to get on top."

Humphries' academic climb started on the very bottom. He spent two years in General College, relearning the basics — writing and mathematics.

"Before I got here I didn't know what a final was. I thought it was just the last test of the year. I didn't know it was cumulative. No wonder I never did well on them. I went through two years of General College because I really didn't know nothing in high school. Or rather, when I got here I realized how little I knew. I had finished 29 in the class of 250 in high school, which isn't bad, and got here and I was lost."

Not only was Humphries lost in the schoolwork when he first came here, but he was also lost in the new culture he was thrown into.

Coming from a predominately black neighborhood in Detroit to associating with Edina kids in Sperry Top-siders and Lacoste shirts is a trip.

"The whole culture change is difficult to adjust to," he said. "Everything is different. You're tossed into a dormitory full of white people and you have to learn to trust them. You didn't have to do that in Detroit. Even the food you eat is different. You're used to a lot of greens and chitlins and sweet potato pie and here they grow peas and ham and carrots. That's why it's so nice to go home and get a home-cooked meal."

And the change of scenery also means a change of values, Humphries said. Students from Minnesota are more content with working toward the future, while Detroit kids want things and they want them now.

"They're into the now thing in Detroit," Humphries said. "What can you do for me now?" They're not willing to sacrifice for later. If they can't get what they want within a year or so, then they don't want to work for it. Only five in my class went to college and the ones who didn't were always the ones with the cars, who had the clothes and stressed a lot of value on getting things now. Here, most people don't care about now because they're working towards something bigger and better. They're more profession-oriented."

And Humphries has found himself adopting the values of his new culture, working toward a career in law.

"It takes time to learn that there's more than football. People have to grow and realize things. I have. I want to go to law school and that's what I'm working toward. But if I shall fail in that, which I hope I don't, I'll keep plucking away, plucking and plucking and keep going. Even though it may take me the next 20 years to graduate, I'm not going to quit."

JEFF WHEELER

MINNESOTA ALUMNI ASSOCIATION



CHUCK BENDA

Chapter leaders attending Leadership Day included at top (clockwise) Marshall Houts, Orange County; Anthony Jerome, Dayton Chapter; Ruthene Jerome; Kenneth Underwood, Dayton Chapter; Tamey Austin, MAA Center; Richard Hastings, Suncoast Chapter; Iris Hastings; and William Hambley, Jr., Washington, D.C. Chapter.

Chapters Get Awards

Representatives from five of 12 Minnesota Alumni Association honor chapters were on hand to pick up awards at Leadership Day activities earlier this fall.

They included:

Richard Whitney from the Suncoast Chapter; The Rev. Kurt Weid, Wadena Chapter; George Gibbs, Rochester Chapter; Anthony Jerome, Dayton Chapter; and William Hambley Jr., Washington D.C. Chapter.

Honor chapters not represented included Boston, New York, North Texas, North California, Phoenix, San Diego, and Sun City.

Chapters were selected because they arranged University programs, organized prospective student information sessions, and made contributions to Student Leadership Awards, given to outstanding students at the recommendation of the University president.

According to Nancy Devine, director of the chapter program, there are 23 MAA chapters with 10 in state and 13 out of state. San Francisco has the largest chapter.

In addition there are 25 "contact chapters" or potential groups that may become full-service chapters.

"They organize and attend football parties, hold family picnics, raise money for the Student Leadership Awards, and support Big 10 events," Devine said.

Pregame Brunch A Smashing Success

More than 500 alumni and friends attended the pregame box lunch at the architecture court before the Homecoming football game with Northwestern.

A similar event was tried last year at Northrop Memorial Auditorium with some success (it rained causing a smaller turnout than expected) but the Band Alumni was there along with the cheerleaders and the spirit was right.

Student members of the Student Alumni Board helped serve this year's lunches. The Band Alumni performed and the cheerleaders cheered.

"All in all," an enthusiastic alumnus put it, "I wouldn't have missed it."

Football Party

Don't forget the Minnesota and Michigan State pregame football luncheon in East Lansing Saturday, November 14.

The event will begin at 11 a.m. with a social hour followed with a brunch at 11:30 a.m. at the Kellogg Center, Michigan State University.

The cost is \$9 a person for the buffet, entertainment, and door-prizes.

We'll Keep You Fit

The Minnesota Alumni Association board of directors approved a new membership benefit.

Working in conjunction with the University Recreational Sports Department, the association will offer members a discount on physical fitness assessments.

The Fitness Assessment program includes an assessment of body composition, flexibility, strength, cardiovascular efficiency, lifestyle habits, nutritional level, and recommends a program of exercise for wellness.

The Fitness Assessment program has been available to students and University faculty and staff for some time and the association has recently negotiated its availability to members of the association.

Members will receive a substantial discount on this benefit, which will be available December 1.

For further information check

your membership renewal package or call the alumni membership department at (612) 373-2466.

And don't forget these 16 other important membership benefits:

1. Eight issues of *Minnesota* magazine;
2. Dual membership in your collegiate alumni society;
3. University library privileges;
4. University Golf Course privileges;
5. Discounts on University of Minnesota Press books;
6. Regional alumni activities;
7. Eligibility for membership in the Minnesota Alumni Club;
8. Campus headquarters;
9. Campus tours;
10. Classmate locating service;
11. Accidental death group term life insurance or both;
12. World-wide travel;
13. Hospital money plan insurance;
14. Minnesota gifts;
15. Reunions;
16. Seminars, socials, and cultural events.

There are more than 24,000 members in the MAA and we are continuing to grow.

Alumni Center Site Approved

The Board of Regents has approved a site near Coffman Memorial Union where a proposed alumni visitors center and teaching gallery may be constructed.

The site is the southeast corner of the Washington Avenue bridgehead (parking lot C-6) and it will be reserved for two years.

The Minnesota Alumni Association and the University will seek a feasibility study to determine if \$10 million from alumni and friends could be raised.

Results of this study will be given to the Board of Regents before formal fund raising gets under way.

The proposed center would serve

as a permanent house for alumni on the campus. It would include meeting space for alumni and University groups and would house the alumni and development fund offices. In addition, the adjoining gallery would meet an important campus need to find a secure and accessible location for the University's 9,000 works of art valued at more than \$5 million.

Big Ten universities Iowa, Northwestern, Ohio State, and Wisconsin have centers.

Gopher Football Book is Available

A 140-page book "100 Years of Golden Gopher Football" has been published by the Men's Intercollegiate Athletic Department at the University of Minnesota.

Features include Charles Johnson who analyzes 70 years of Gopher football; Bob Beebe who was in the press box during Coach Bernie Bierman's "Golden Decade"; and Dick Gordon who was there during both the Bierman and Fesler eras.

In addition Dick Cullum recalls the near-tragic Missoula fire of 1936; Don "The Eye" Riley looks back at his early trips to Memorial Stadium; Jim Dzuik writes about Bronko Nagurski; Bob Schranck

covers the 49ers and Paul Giel; Mike Augustin writes about Cal Stoll; and Jon Roe tells about Joe Salem.

There are more than 100 photographs.

The book was edited by Ralph Turtinen, '51, publisher and public relations consultant. The artist was G. R. Cheesebrough, '60, freelance illustrator.

All proceeds go to the Williams Fund, according to Tom Barron, Williams Fund director.

Luckman Dedication

More than 100 persons turned out for the dedication of the Stewart Luckman sculpture located on the grassy triangle above Williamson Hall.

The project was sponsored by the Minnesota Alumni Association to commemorate its 75th Anniversary and was paid for by gifts from the association and donors.

The stainless steel work is nearly 15 feet high and is 25 feet long and weighs 15,000 pounds.

Luckman who teaches sculpture at Bethel College received a master of fine arts degree from the University of Minnesota in 1973.



Although it rained during the dedication of the Stewart Luckman sculpture, more than 100 persons witnessed the event.

DAVE SHIPPEE

COLLEGES AND SCHOOLS by Steve Baker

DENTISTRY

New Grant Aids Fight Against Gum Disease

Periodontal disease is probably second only to the common cold in being the most prevalent disease affecting people today.

Various studies show that anywhere from one half to nine out of ten people have periodontal disease, a gum disease which develops as a result of the accumulation of bacteria and infection between teeth and gum tissue.

Carl L. Bandt, head of the division of periodontology in the School of Dentistry, is leading a research effort to combat periodontal disease. The division was awarded a grant from the National Institute of Dental Research for \$477,498 to examine the relative effectiveness of several methods of preventing and treating the disease.

"This research demonstrates how the University and community can work together in an important health care study," Bandt said.

Much of the research will involve clinical work with patients from the community. Bandt said such research is particularly appropriate at the University.



Carl L. Bandt

"It epitomizes the value of research in a teaching situation. The consumer and industry get better products, while the profession and individual clinicians are kept abreast of new knowledge in the field."

Bandt and his staff intend to set up a center for periodontal research if additional funding is received. The health science complex at the University provides an ideal setting for the center, according to Bandt.

"In studying periodontal disease, you need to bring many health science disciplines to bear on it. Our facilities provide unique opportunities to bring it all together."

GENERAL COLLEGE

Faculty Attend AGLS Conference

Several faculty from General College will participate in the 21st annual conference of the Association for General and Liberal Studies in Rochester, New York November 5-7.

General College will be host for next year's conference, celebrating the college's 50th anniversary.

"Toward The 21st Century: Liberal Education In a Global Age" is the theme of this year's conference, which is designed to provide a forum for the exchange of ideas and the exploration of new teaching strategies.

Faculty participating at the conference and their discussion topics:

Nobuya Tsuchida, director of the Asian/Pacific American Learning Resource Center; "Ethnic Studies and Support Services for Asian-American Students";

Candido Zanoi, professor in the arts, communication and philosophy

division; "Curriculum and Evaluation of the Asian Commanding English Program";

Gail Thoen, assistant professor in the social and behavioral sciences division; "Asian-American Women's Course Designed to Help Female Students Cope with Racism and Sexism";

Fred Amram, professor in arts, communication and philosophy; "Tough Talk, Dirty Talk and Whimpering: A Male/Female Communication Course";

David Giese, professor in the science, business and mathematics division; "Data Processing: Vocational or General Education";

Jill Gidmark, assistant professor in arts, communication and philosophy; "Commas at the Creamery: Teaching Grammar on Site"; and

Robert Yahnke, assistant professor in arts, communication and philosophy; "Attitudes Toward Death and Dying."

INDUSTRIAL RELATIONS

Alumni Hold Conference By Phone

The Resource Network of the Industrial Relations Alumni Society is exploring mechanisms for sharing information and expertise within the alumni community across the country.

At the first teleconference held by the Resource Network on April 16, 1981, 26 alumni, including four from non-Twin Cities locations, participated in the use of teleconferencing technology, a process that enables people from various geographical locations to participate in a centrally located conference by telephone.

The Resource Network, a subgroup of the Industrial Relations Alumni Society, will continue to pioneer approaches to alumni involvement, according to Donna D'Andrea, assistant to the director of the Industrial Relations Center.

INSTITUTE OF TECHNOLOGY

Industry, University Cooperate to Make MEIS

As it enters its second year of activity, the Microelectronic and Information Sciences Center remains the key to what dean of the Institute of Technology Roger Staehle calls "the University's potential to build the greatest center for microelectronics research in the nation."

Funded with \$5 million committed by Control Data, Honeywell, and Sperry Univac, the center began operations in September 1980.

Its role, according to Robert M. Hexter, professor of chemistry and acting director of the center, is: 1) to advance U.S. leadership in the field of science and technology; 2) to develop an internationally recognized center for research and education in the microelectronic and information sciences by promoting research through use of university, industrial, and government resources; and 3) to create an environment that fosters continued progress on research questions while strengthening educational offerings at the university level.

"It's a joint industry and university effort," said Hexter, "a collaboration in which industrial funding is shared by matching it with state and federal resources."

Industry benefits from this arrangement through long-range re-

search at MEIS, especially the study of results in electronic miniaturization, which will be the basis for product development of the next decade. Company donors also will benefit from the steady supply of well-trained University of Minnesota graduates who are involved in the center's extensive research programs, officials said.

Reading from the center's master plan, which covers time lines and budgets for projects during the next four years, Hexter noted that MEIS projects take planning. Some of the research areas being considered include: the physics and chemistry of microelectronic chips, computer-aided design, fabrication of new microelectronic devices, and investigation and design of fully-engineered software development.

Eight other research centers like MEIS exist in the country. Hexter believes MEIS stands out from the others in spearheading the idea of cooperation.

"We are the acknowledged leader in establishing not only significant industrial funding, but in establishing what appears to be realistic relationships with our sponsors."

Fairhurst Wins Pergamon Medal

Charles Fairhurst, professor and head of the Department of Civil and Mineral Engineering, has been honored as the first recipient of the Pergamon Medal for Outstanding Contribution to the Advancement of Underground Space Use.

This award was established by Robert Maxwell, chairman of the board of Pergamon Ltd., an international publishing firm specializing in the scientific and educational fields.

Fairhurst was chosen for his contributions to the development of underground earth shelters and other energy-efficient underground engineering projects. He recently

started the journal *Underground Space*.

Currently, Fairhurst and some of his colleagues from the Underground Space Center are visiting China and conducting underground space workshops there.

Aris Gets Lewis Award

Rutherford Aris, Regents' professor of chemical engineering, has been chosen as the 1981 recipient of the Warren K. Lewis Award for contributions to chemical engineering education.

This award will be presented at the annual meeting of the American Institute of Chemical Engineers in New Orleans in November. Aris will be honored for his success as a teacher and his contributions to educational experiences.

Warren K. Lewis was a force in the development of chemical engineering education. An annual award has been given in his name since 1963.

University of Minnesota Professor Neil Amundson won the award in 1971.

NURSING

Nursing Alumni Sponsor Career Day

The Nursing Alumni Society will sponsor a Career Day for nursing students at Coffman Memorial Union from 3 to 5 p.m. November 11.

This third annual Career Day will provide an informal setting where junior and senior nursing students can find out more about fields of nursing, according to Nancy Moeller, president of the nursing alumni board. She noted representatives from nursing professions will be

there, including an adult nurse practitioner, a pediatric nurse, a nurse epidemiologist, and a cardiovascular nurse.

"We have had good evaluations of past Career Days from the students," said Moeller, "so we plan to continue the program every year."

EDUCATION

What Keeps Johnny's Teacher Teaching?

Teaching has a tradition of being an occupation for those who want to be of service, not for those who desire money, prestige or power.

"Teachers still feel short-changed on extrinsic rewards — money, benefits and job security. They enjoy their work because of intrinsic rewards, which are nice, but they don't come often," Jane Plihal, assistant professor in the College of Education, said.

Plihal has studied the activity of teaching and has found, not surprisingly, that teaching is enjoyable for its own sake.

As part of her doctoral work at the University of Chicago, she interviewed 30 public elementary school teachers in Chicago to answer some basic questions: How do teachers feel when they are enjoying their work? What factors influence their positive and negative experiences? How do students' reactions vary according to a teacher's feelings?

Plihal conducted interviews with teachers and observed in their classrooms to judge their attitude toward teaching. She used the theoretical model of a "flow experience" to guide her studies.

"In a flow experience a person perceives the challenges of an experience to be in line with one's

own skills. This is an experience of enjoyment. In the flow state, a person is totally involved in an activity. Actions follow one another without conscious intervention."

She found there are generally two types of intrinsic rewards felt by teachers: They feel good about their work when they are helping students achieve and they enjoy the interaction with young people.

On the other hand, she found, there are days when teachers feel frustrated and have negative flow experiences.

"Teachers often know when something is not going well in class, but they can't always explain it."

In general, teachers with the most experience find the most value in helping their students achieve, according to Plihal. The teachers who enjoy interaction with students most, though, usually hold their attention the best, she said.

Plihal believes her study is just the beginning of larger studies possible on the topic of intrinsic rewards for teachers. She foresees further research on teachers who have left the profession as well as research on the quality of what takes place within the classroom.

BIOLOGICAL SCIENCES

Research Opportunities Abound

Undergraduates in the College of Biological Sciences may be getting an unusual amount of hands-on experience in the lab these days.

"Opportunities for undergraduate research in the biological sciences cannot be matched anywhere in the state," said Kathie Peterson, director of student services at the College of Biological Sciences, St. Paul campus.

"The experience gained by undergraduates in the lab is critical for purposes of job and graduate school placement," she said. "Plus, it provides an overall synthesis to their four-year program by interrelating material from different courses."

Juniors and seniors in the college often have an opportunity to work alongside their professors on such topics of research as recombinant DNA, cloning, molecular biology, and ecology. More than 70 percent of these undergraduates get some research experience, according to John Anderson, associate professor of biochemistry.

"It takes a lot of time and effort to work with these students in the initial phases of research," Anderson said, "but we are willing to provide that attention to students who are eager and able to take advantage of it."

Reports from recent alumni of the College praise the research opportunities in the undergraduate program, Peterson said.

"I don't know of anyone who has regretted it," she said. "Some have said it was their most valuable experience here."

Independent research courses or a special threequarter series course, such as "Research Topics in Biochemistry," provide undergraduates with the opportunity to observe their professors' work and then get involved in it if they chose.

Honors students are expected to have at least two quarters of directed research before graduating. Some students who excel publish papers based on their work, according to Victor A. Bloomfield, head of the biochemistry department.

He and Anderson noted that some students become so intrigued with their research that they develop their techniques sufficiently well to lay groundwork for other research.

PHARMACY

Sampling Those Miracle Cures

During the early 1900s, for ailments such as gastric desepsia and resulting indigestion, gases in the stomach and intestines, dizziness and fainting spells, colic attacks, torpid liver, constipation, you might have tried Mayr's Wonderful Remedy in the small, brown bottle.

Today, for a glimpse of how far pharmacy has come, you might sample the pharmacy museum collection housed in the Wengensteen Library of Diehl Hall.

The collection includes not only old patent medicines, the likes of Dr. J. H. McLean's Volcanic Oil Liniment or Rowles Red Pepper Rub, but also a tremendous display of ornate bottles, show globes, and rudimentary tools of the trade, including mortars and pestles, scales and weights.

"The collection has great historical value," Judith Overmier, assistant professor and curator of the museum and library said, "We are not just collecting these objects for fun."

Recently the Smithsonian Institute sent a representative to view the collection of apothecary antiques. He was quite impressed, according to Overmier.

Groups and individuals, including alumni, have donated to the collection.

Frederick J. Wulling, dean of the College of Pharmacy from 1892 to 1936, provided the inspiration for the museum collection. He donated objects and petitioned alumni and others to contribute their drug store collectibles.

Included in the pharmacy collection are hundreds of books, some dating back to the 1890s.



These white porcelain apothecary jars (above) with gold bands and round knob handles were acquired in 1933. Two serpents are entwined about two coco palm trees. A delft bowl (right) titled "Bittere Medicijn" is reproduced after the painting of the old Dutch master Jan Steen. Bowl date is unknown. This 150-year-old microscope (below) from Bleuler, London, is brass-mounted on a wooden base with a drawer. It was donated by George T. Kermott in 1934.



COLLEGE OF LIBERAL ARTS

Kaba, Sprague Receive Fulbrights

Lansine Kaba, professor of history, and Marsha W. Sprague, teaching associate in English as a second language, received Fulbright grants for study abroad.

Kaba plans to conduct research on the Islamic civilization of Western Sudan (1462-1594) and its significance to modern Africa. He will be at the University of Dakar in Senegal through April 1982.

Sprague will be a junior lecturer on English language teacher training for the Lombardy and Piedmont public schools in Italy during this academic year.

ALUMNAE SOCIETY

Music Focus of Fall Program

The Modes of Music" is the theme for the annual fall seminar of the Alumnae Society, formerly the Alumnae Club, to be November 14.

Each year the Society concentrates on one area of activity within the University. This year the department of music will be the center of focus, and the fall seminar will kick off the year's activities



Mary Ann Feldman

featuring four noted speakers.

Mary Ann Feldman, musicologist, will be keynote speaker. A panel discussion will follow. The panelists are Judith Jellison, music therapist, Libby Larson, composer, and Katie Holum, music librarian.

Special music will be provided by the "Minne Singers," a self-funded group of students from the University who toured Australia and who sing in the old German style. Clifton Ware, associate professor of music, is conducting.

Sister Alberta Huber, former president of St. Catherine's College, will be honored during the day with a special outstanding achievement award. This honor is not bestowed each year, but only to meritorious individuals, according to Virginia M. Nelson, publicity chairman.

The day's events, including a luncheon take place at the AAUW Clubhouse, 2115 Stevens Avenue, Minneapolis.

JOURNALISM

Publishers in the Newsroom

The Minnesota Journalism Center will co-sponsor a workshop with the Inland Daily Press Association called "What Every Publisher Should Know About His Newsroom" at the Radisson Plaza in St. Paul November 8-10.

George J. Lockwood, assistant managing editor of *The Milwaukee Journal* and 1956 graduate of the University of Minnesota School of Journalism, is chairman of the event. He and other editors and publishers from across the state and throughout the Midwest will be involved in two days of discussions concerning topics such as: editor/publisher cooperation in the newsroom, journalism and the courts, and journalistic ethics.

Lockwood, who has been an editor-in-residence at the University of Minnesota School of Journalism, is chairman of the news-editorial committee of the Inland Daily Press Association which has supported education programs for students as well as editors and publishers in the field.

"My experience as an editor-in-residence at Minnesota," said Lockwood, "and at many other college campuses in Wisconsin, has been satisfying and humbling. To my mind, rapping with young men and women who want to get into our profession should be high on an editor's list of priorities."

HOME ECONOMICS

Future Food For Thought

A symposium on genetic engineering as it applies to future food production and processing will provide the focus for the 1981 annual meeting of the advisory council for the Department of Food Science and Nutrition November 19 on the St. Paul campus.

Several topics, which have received recent national media attention, will be discussed:

Professor Ronald L. Phillips, from the Department of Agronomy and Plant Genetics, will discuss genetic engineering and agricultural food production;

"Use of recombinant DNA technique in study of protein quality corn" will be the discussion topic led by Irwin Rubenstein, professor of genetics and cell biology;

Anthony J. Faras, professor in the medical school, will talk about genetic engineering principles and practices for animal tissue;

Professor of animal science Alan G. Hunter will discuss the potential for successful cloning of dairy cattle; And Larry L. McKay, food sci-

ence and nutrition professor, will speak on "Dairy Starter Cultures by Genetic Manipulation: How close to Reality?"

The symposium also will consider future biomass energy sources, featuring the viewpoints of a botanist discussing technical feasibility and an economist discussing potential impact on commodity price availability.

SCHOOL OF MANAGEMENT

Two New Grants Strengthen School's Human Dimension

An endowment grant of \$1 million from the McKnight Foundation and a 3M Foundation grant of \$800,000 to support a chair in Human Resources Management have been awarded to the School of Management. The 3M grant is the largest ever made by that foundation to a single institution.

According to David M. Lilly, dean of the School of Management, funds from the McKnight endowment grant will be used for faculty research and development.

"We are extremely pleased," Lilly said, "that the McKnight Foundation is recognizing and supporting this important stage in our development. We have revised our undergraduate and graduate programs, increased our faculty by recruiting some of the highest quality professionals in the area of management, and we can now focus on the development of our faculty to ensure and maintain the highest standards of excellence."

The 3M grant, funded at \$80,000 a year for 10 years, will support a chair that will deal with such areas as human resource development, work productivity, organizational behavior, and the ability to use hu-

man resources to accomplish organizational objectives.

"3M has always been a world leader in the field of human resources management and development, and the 3M chair symbolizes that leadership," Lilly said.

The 3M chair is the fifth new chair in the School of Management supported by private funds since 1979. The other four are: the Minnesota Banking Chair, the Minnesota Insurance Industries Chair, the Paul S. Gerot/Pillsbury Chair in Marketing, and the Honeywell Chair in Management Information Systems. Private support to the School during that period exceeded \$9.7 million.

AGRICULTURE

Chinese Exchange Programs Reap Benefits

Exchange programs between the College of Agriculture and two Chinese agricultural universities apparently have been mutually rewarding.

Last year, a College of Agriculture delegation visited China in the fall to lay groundwork for exchanges with Chinese agricultural universities at Beijing and Jilin. Currently, six Chinese scholars are studying at the College of Agriculture.

Representatives from the Chinese universities and the College are reporting positive developments from the exchange of agricultural technology. Last year's delegation from the College, headed by Dean James Tammen, noted, for instance, that Chinese soybeans have more variability than U.S. varieties and could be valuable in U.S. breeding programs.

Entomology Professor Huai C. Chiang, a native of China, is assisting in coordination of the Chinese exchange programs.

MEDICINE

Book on E.P. Lyon Published

A party celebrating the publication of *Elias Potter Lyon: Minnesota's Leader in Medical Education* was held in the Owen H. Wangensteen Library, Diehl Hall last month.

Lyon was dean of the Medical School from 1913 to 1936. He appointed Owen H. Wangensteen, who edited the book, as head of the surgery department more than 35 years ago.

Wangensteen retired in 1967 and dedicated himself to writing about the medical field. He wrote the introduction and one chapter of the book on Lyon. Several other individuals connected with the University contributed chapters to the book.

After Wangensteen died Jan. 13, 1981, his wife Sarah D. Wangensteen finished editing the book.

VETERINARY MEDICINE

Is There Life After Vet School?

Students at the College of Veterinary Medicine organized a panel of alumni who are practicing veterinarians to talk about aspects of their profession.

"Is There Life After Veterinary College?" was the title of the discussions, which included alumni involved in small and large animal divisions of veterinary medicine.

"The programs were designed by students for students to give them a feel for all possible areas of practice in the field, including the economics involved and skills needed," Glen Nelson, professor and coordinator of alumni and public affairs in the college, said.

CALENDAR

compiled by Maria Ellard

Alumni Chapters

Boston Alumni Chapter November 13

This year alumni will be overlooking the Charles River and Boston Skyline from the MIT Faculty club in Cambridge. Steve Roszell, Minnesota Alumni Association executive director, will be the guest speaker. The evening will begin with a social hour at 6:30 p.m., followed by a prime rib dinner at 7:30 p.m. The cost is \$14.75 a person. For more information contact Jessie Hanson (617) 449-2052 or Jeff Schiebe (617) 485-5505.

Minnesota Football Party in East Lansing November 14

If you plan to attend the Minnesota-Michigan State football game, include the pregame activities. Meet the coaches before the game, see the cheerleaders, and enjoy a meal. Activities start at 11 a.m. and the cost \$9 a person. For further information contact the Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street, Minneapolis, Minnesota 55455.

North Texas Alumni Chapter November 14

The annual Big Ten dinner and dance is being planned for alumni in the Dallas-Fort Worth area. More information will be mailed.

Sun City Alumni Chapter December 5

Sun City alumni are getting together for their annual day at the races. More information about this event will be mailed.

Constituent Alumni Societies

DENTISTRY

"Dentistry Day"

Continuing Education Seminars and Alumni Annual Meet-

ing, Mayo Auditorium; Great Hall, Coffman Memorial Union
Nov. 13

Contact: Minnesota Alumni Association (612) 373-2466

INDUSTRIAL RELATIONS

Third Annual Institute, "Work and the Worker:

Managing Change/Changing Management"

Holiday Inn Central

Nov. 12, 13

Contact: Industrial Relations Center (612) 373-3826

INSTITUTE OF TECHNOLOGY

Science and Technology Day

"Technology and Public Policy"

Afternoon Seminars, Coffman Memorial Union theatre
1 p.m.

Dr. James R. Johnson, director, Department of Technology & Public Policy, University of Minnesota

"Violence in a Raindrop"

1:45 p.m.

Dr. John Najarian, chairman of Department of Surgery, University of Minnesota Medical School

"The Impact of Technology on Surgery"

2:45 p.m.

Dr. Myron Tribus, director, Center of Advanced Engineering Study, MIT

"The Impact of Society on Engineering"

3:30 p.m.

Dr. Arthur Harkins, associate professor of education and sociology, University of Minnesota

"Cultural Futures"

Evening dinner and address featuring Governor Al Quie at the Radisson South Hotel

Nov. 6

Contact: Minnesota Alumni Association (612) 373-2466

MEDICINE

"New Horizons in Minnesota Medicine"

Health Services Unit A

June 5, 1982 9 a.m.-4 p.m.

"Commencement"

University of Minnesota Medical School

Northrop Auditorium

June 4, 1982

ALL CLASSES REUNION AND RECEPTION:

Minnesota Alumni Club

50th Floor, IDS Center

June 5, 1982

Contact: Minnesota Alumni Association for reservations or information, (612) 373-2466.

Special Alumni Groups

Alumnae Society Annual Meeting

Theme: Music

Nov. 14

American Association of University Women-Minneapolis

2115 Stevens Avenue South

(612) 870-1661

Art Exhibitions

UNIVERSITY GALLERY

NORTHROP AUDITORIUM

"Process: A Public Sculpture by Stewart Luckman"

Oct. 1-Nov. 15 (gallery 305-7)

"Abstract U.S.A./1910-1950"

Nov. 23-Dec. 23 (gallery 305-7)

"Young Minnesota Artists"

Jan. 10-Feb. 7 (gallery 305-7)

"Beyond the Box: Architecture of Philip Johnson and John Burgee, Photographed by Richard Payne"

Feb. 16-March 14 (gallery 305-7)

"Keck & Keck: Architects"

Feb. 16-March 14 (gallery 405)

For more information about these and other exhibits, call

(612) 373-3424.

Concerts

SCHOOL OF MUSIC

Nov. 3 & 4 — Fisher Tull composer, conductor and teacher, conducts an open rehearsal with the Wind Ensemble and with the Symphonic Band. Northrop Auditorium, 3:15-5 p.m.

Nov. 7 — Benefit Concert for the School of Music Scholarship Fund featuring violinist Young Nam-Kim and cellist Tanya Remenikova. Orchestra Hall, 8 p.m.

Nov. 8, 15, 22 — Indoor

Marching Band Concert, O'Neill Sanford, conductor. Northrop Auditorium, 3 p.m.

Nov. 11 & 12 — Master class & concert with Indian vocalist, Prabhe Atre. Scott Hall, Room 19, 2 p.m.

Nov. 13 — Contemporary Music Ensemble led by Alex Lubet. Scott Hall Auditorium, 8 p.m.

Nov. 14 — Brass Ensemble under the direction of David Baldwin. Landmark Center, 8 p.m.

Nov. 16 — Symphonic Band concert with Stephen Schultz, conductor and Richard Dirlam, saxophone. Northrop Auditorium, 8 p.m.

Nov. 19 — Chorus Festival Concert, University Symphonic Chorus led by Dwayne Jorgenson. Northrop Auditorium, 8 p.m.

Nov. 20 — University Brass Choir under the direction of David Baldwin. Coffman Memorial Union, 8 p.m.

Dec. 4 & 5 Opera Workshop, "Die Fledermaus," Strauss's delightful operetta led by acclaimed musician and faculty member Vern Sutton. Scott Hall Auditorium, 8 p.m.

Dec. 8 — University Chamber Singers under the direction of Lawrence Weller. Willey Hall, 8 p.m. For more information about these and other School of Music events, call (612) 376-8639.

Dance

NORTHROP DANCE SEASON

Paul Taylor Dance Company
Nov. 14, 8 p.m.

The Paul Taylor Dance Company will perform statements on American society.

Pilobolus Dance Theatre

March 20, 8 p.m.

The troupe's six members blend dance, gymnastics and mime, using their own experiences that explode with imagination and originality.

Mazowsze Polish Dance Company
March 27, 8 p.m.

The world-famous Polish song

and dance company comes to Northrop with skill, humor, and lyrical music that has made it the ambassador of Polish folklore.

All of these events take place at Northrop Auditorium. For more information on these and other Northrop Dance Season events, call (612) 373-2345.

Theater

UNIVERSITY OF MINNESOTA THEATER

"Henry V" by William Shakespeare

Stoll Thrust Theater

Nov. 5-7, 12-14 at 8 p.m.

Nov. 1, 8, 15 at 3 p.m.

"Luann Hampton Laverty Oberlander by Preston Jones

Arena Theater

Nov. 6, 7, 12-14, 19-21 at 8 p.m.

Nov. 8, 15, 22 at 3 p.m.

"Misalliance" by George Bernard Shaw

Whiting Proscenium Theater

Nov. 20, 21, 27, 28, Dec. 3-5 at 8 p.m.

Nov. 22, 29, Dec. 6 at 3 p.m.

"Poor Murderer" by Pavel Kahout

Arena Theatre

Jan. 29, 30, Feb. 4-6, 11-13 at 8 p.m.

Jan. 31, Feb. 7, 14 at 3 p.m.

"Once Upon a Mattress" by J. Thomson et al

Whiting Proscenium Theater

Feb. 19, 20, 24-27, March 3-6 at 8 p.m.

Feb. 21, 28, March 7 at 3 p.m.

For more information on these and other University Theater productions, call (612) 373-5193.

THE PUNCHINELLO PLAYERS

St. Paul Campus

"Harvey" by Mary Chase

North Hall Theater

Nov. 6, 7, 13, 14, 20, 21

"The Shadow Box" by Michael Cristofer

North Hall Theater

Feb. 19, 20, 26, 27

March 5, 6

The Punchinello Players has served as the University's community theater for 67 years.

For more information, call (612) 373-1570.

Men's Sports

Basketball

Yugoslavia National Team

Nov. 28

San Francisco State University

at Minnesota Nov. 30

Cross Country

Big Ten Championships at

Minnesota Nov. 7, 11 a.m.

NCAA Districts at Milwaukee

Nov. 14, 11 a.m.

NCAA Championships at

Wichita Nov. 23, 11 a.m.

Football

Ohio State at Minnesota

Nov. 7, 1 p.m.

Michigan State at Michigan

Nov. 14, 1 p.m.

Wisconsin at Minnesota

Nov. 21, 1 p.m.

Women's Sports

Basketball

University of Iowa at Iowa City

Nov. 15

University of Wisconsin at

Madison

Nov. 21

Louisiana State University at

Minnesota

Nov. 28

Cross-Country

Region 6 Championships at

Minnesota

Nov. 7

AIAW National Cham-

pionships

Nov. 21

TAC National Championships

at Los Angeles

Nov. 28

Field Hockey

Regionals at Grinnell, Iowa

Nov. 6-7

Swimming

Northwestern at Minnesota

Nov. 7

University of Iowa at Iowa City

Nov. 14

Tennis

Alumni Match at Minnesota

Nov. 8

Fundraiser at Minnesota

Nov. 15

Volleyball

Gopher Invitational at Minne-

sota

Nov. 6-7

AIAW Region 6 Championship

(Location to be announced.)

Nov. 19-21

ATTENTION ALUMNI LIVING IN MICHIGAN...

If you plan to attend the Minnesota - Michigan State football game in East Lansing, join other Minnesotans at alumni headquarters. A great party has been planned. Meet the football coaches and cheerleaders, win doorprizes and eat a hearty brunch.

Saturday, November 14, 1981

Kellogg Center
Michigan State University
East Lansing

Social hour 11 a.m.

Brunch 11:30 a.m.

\$9 a person for buffet,
entertainment and doorprizes



Reservations can be made through the Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street SE, Minneapolis, Minnesota 55455.

CLASS NOTES

by Maria Ellard

'20 *Dr. Helen M. Dean* of Aiken, S.C., recently took a trip to Egypt and Jerusalem.

'23 *Philip Wilson* of Lexington, Ky., retired 20 years ago and has been married for 55 years.

'25 *Hugo R. Kamb* of Dallas, Texas, is self-employed in oil and gas exploration and investments.

'27 *Lawrence P. McDonnell* of New Hope, Minn., is retired from the Northern States Power Co. after 39 years of service. He and his wife are living at the St. Therese Residence Center in New Hope.

'30 *Clarence H. Hanson* of Minneapolis is a retired mortician. He remains active in his Masonic lodge and Sons of Norway.

Kenneth R. Byerly of Lewistown, Mont., is a professor emeritus from the School of Journalism at the University of North Carolina. He is involved with the *Lewistown News-Argus*, a newspaper he has owned for 34 years.

'31 *Myrtle L. Olson* of Walker, Minn., is a retired registered nurse.

'32 *Prof. Lloyd L. Kempe* of Ann Arbor, Mich., retired last July to become a professor emeritus at the University of Michigan.

'34 *Merrill R. Holste* of Rio Rancho, N.M., is retired and travels.

'35 *Prof. Virginia M. Kivits* of Minneapolis retired in 1978 from the faculty of General College's Arts, Communication and Philosophy Division at the University of Minnesota after 33 years.

'39 *Bernhard W. Levander* of St. Paul will be awarded an Honorary Doctor of Laws degree from Gustavus Adolphus College this month.

Luverne A. Wagner of Hopkins, Minn., retired from the Pillsbury Co. in June.

'40 *Harry W. Edwards* of Great Falls, Va., is the director of membership development for the American Newspaper Publishers Association in Reston, Va.

'41 *Eugene A. Richter* of Arden Hills, Minn., is retired from the Minneapolis Public Schools after 31 years of teaching. He was also a special needs coordinator for the handicapped.

'43 *Dr. Paul R. Nelson* of Normal, Ill., has been a student health service physician for the past five years at Illinois State University after spending 25 years in pediatrics.

'44 *Roland M. Hendrickson* of Darien, Conn., is the vice president of Pfizer Inc., New York City. He

also is the president of the agriculture division.

'45 *Dr. Vincent H. Arhart* of Seattle, Wash., is a practicing dentist. *Dr. Cyrus R. Frank* of Mankato, Minn., is retired from the practice of dentistry.

'46 *Irene D. Wilson* of Alhambra, Calif., is the director of food services for the Alhambra city schools.

'47 *Mildred J. Schweers* of Wausau, Wis., retired three years ago from being head nurse at a nursing home in Wausau.

James C. Hammer of Reedsburg, Wis., owns a funeral home.

'48 *Ralph H. Pohland* of St. Paul, Minn., is the director of business planning and development, international construction products sector for the 3M Co.

'49 *John L. Tshetter* of Marion, S.D., owns the Tshetter funeral home in Marion. He and his wife celebrated their 40th wedding anniversary.

Robert H. McDermott of Washington, D.C., is president and chief executive officer of McDermott Insurance Inc. He also has been elected to membership in Lloyd's of London.

'50 *William Cameron* of Cartersville, Ga.,

owns and operates a plywood business in Kingston, Ga.

'51 *David M. Brown* of Goodridge, Minn., retired in 1980 after 27 years of business in Goodridge.

'52 *Prof. Leonard A. Marasuilo* of El Cerritto, Calif., is on the faculty in the education department at the University of California, Berkeley.

'53 *Peter G. Andrews* of Katy, Texas, is a project director in Technical Services for Naepo-Conoco Inc., Houston.

Richard B. Archie of Hammond, Ind., is the chief supervisor at Machine Shops Inland Steel Co., in East Chicago.

'57 *Milton H. Rosenberg* of Fox Point, Wis., is the assistant area director at the United States Department of Labor.

Dr. Elizabeth Ring of Northville, Mich., is the director of psychology at the Plymouth Center for Human Development in Northville.

Dr. Cory H. Kruckenberg of Excelsior, Minn., has returned to private practice after being director of project HOPE, Eastern Caribbean for two years.

'58 *Miriam Rosenburg* of Fox Point, Wis., teaches multiply handicapped secondary students.

David E. Ruhsam of



Named to Endowed Chair

Howard Dinsmore, '49, professor of chemistry, has been named to the Jesse Ball duPont Chair in the Natural Sciences at Florida Southern College, the oldest private college in Florida. He moved to Southern in 1966 from the faculty of Bethel College in Minnesota.



Donald F. Wright

The Wright Man for the Job

Donald F. Wright, '57, '58, has been chosen to become the new president and chief operating officer of the *Los Angeles Times*. Wright will begin working for the *Times* Jan. 1.

"Don will be responsible for all operations of the

Times with the exception of editorial and news policy," said Tom Johnson, publisher of the *Times*, Los Angeles' leading daily paper with a circulation of almost two million.

A native of St. Paul, Wright earned a bachelor's degree in mechanical engineering with distinction and a master's degree in business administration from the University of Minnesota.

Wright started out working for the Minneapolis Star and Tribune Company in 1957. During his stay there he served in a number of administrative positions. He became research planning director in 1971, operations director in 1973, and, in 1975, he was named executive editor of the *Minneapolis Star*.

In 1977, Wright left the *Star* to work for *Newsday*, the Times Mirror newspaper serving Long Island, New York. He was hired as the executive vice president and general manager of *Newsday*, and in 1978 was promoted to president and chief operating officer.

Wright is married and has two sons and two daughters. He is vice chairman of the American Newspaper Publishers Association/Research Institute Production Management Committee and the International Press Telecommunications Council.

The *Times* is expanding to a three-plant operation and is converting to offset printing, and according to Johnson, the publisher, "The addition of Don Wright in this key executive position will bring new strengths to our excellent *Times* management team. He has a broad knowledge of all aspects of the new technology we are applying, plus successful accomplishments in every phase of newspaper operations."

Osceola, Wis., was elected into the Basketball Hall of Fame for Wisconsin in 1979.

Philip L. Vander Myde of Alexandria, Va., was recently promoted to captain in the United States Naval Reserve. In civilian life, he is an architect for VVKR Inc.

Gordon O. Prickett of Webster Groves, Mo., is a mining and mineral engineer for the Peabody Coal Co.-Illinois Divi-

sion in Fairview Heights, Ill.

'59 *Jim Neuberger* of Maple Grove, Minn., owns a furniture repair shop in Osseo, Minn.

William F. Reeve of Severna Park, Md., is a senior engineer at Westinghouse Advanced Technology Laboratories in Baltimore.

Dr. George Skaff of Visalia, Calif., is president of the

Kaweah Delta District Hospital.

Kay Draves of Minneapolis is a research chemist for the Minneapolis Veterans Administration Hospital. She also is the 1981-1982 president of the University of Minnesota Medical Technology Alumni Society.

Richard L. Heinecke of Crown Point, Ind., is manager of product development in

Oklahoma City for Demco, a division of Cooper Indiana.

The Rev. *James W. Sheldon* of Rochester, N.Y., became an associate pastor of Trinity Emmanuel Lutheran Church. He had served in the Lutheran Church of America, Virginia Synod for 14 years.

'60 *Burgee O. Amdahl* of St. Paul, Minn., is president of the St. Paul Bank

Distinguished Faculty Award

Jean P. Barr, associate professor of mental health sciences, The Hahnemann Medical College & Hospital, Philadelphia, has received the distinguished faculty award. She graduated cum laude in 1947 from the University of Minnesota.



for cooperative Federal Intermediate Credit.

Col. Eila M. Ruotsala of Ft. Walton Beach, Fla., is chief of nursing services at Eglin Air Force Base.

'61 *Dr. Jerome S. Kleinsasser* of Bakersfield, Calif., is chairman of the fine arts department at California State College in Bakersfield.

James P. Kuharski of Staten Island, N.Y., is an executive vice president of the Irving Trust Co.

'62 *James H. Ten Bense* of Minneapolis is the band director at Washburn High School.

Robert W. Bonine of Mendota Heights is a vice president for the Pillsbury Co.

'64 *Dr. William C. Sehare* of Traverse City, Mich., is a professor of biology at Northwestern Michigan College.

'67 *Dr. Joy A. Holm* of Oak Park, Ill., has joined the art education faculty at the University of Illinois. She also has a designer-craftsman-goldsmith business called Design and Fabrication in River Forest, Ill.

Duane T. Hove of Manhattan Beach, Calif., is a principal research engineer at Dynamics Technology Incorporated.

'68 *Bernard L. Lucking* of Issaquah, Wash., is manager of employee benefits-division claim department at Aetna Life & Casualty in Seattle.

Kent D. Johnson of Bloomington, Minn., is coordinator of field safety services at Employers Insurance of Wausau in Edina, Minn.

Jean L. Wreschnig of Milwaukee, Wis., is teaching retarded children.

'69 *Mary M. Rector* of Las Vegas, Nev., is director of a child development program at Chaparral High School.

Daniel R. Dablow of Fayetteville, N.Y., is director of catering at the Syracuse Marriott Inn in Syracuse.

'70 *Mary J. Brown* of Morago, Calif., is assistant vice president and manager of automated business services for the Wells Fargo Bank in San Francisco.

Dan A. Wolner of Bloomington, Minn., is assistant vice president of George Cook & Associates, a nationwide commercial collection agency.

Thomas J. Eagan of Minneapolis is employed by the community development agency as a finance officer. He also is a member of the Minnesota Wing Civil Air Patrol and a member of the U.S. Army Reserve.

Thomas A. Dougherty of White Bear Lake, Minn., is a partner with a St. Paul law office.

Paul J. Flick Jr. of Minneapolis had an art show at the Paul Waggoner Gallery in Chicago, Ill.

Joan H. Erickson of Crystal, Minn., is the principal librarian at the Hopkins Public Library.
James J. Gerding of Spo-



Richard Durrell

The Person Behind People

In supermarket checkout lines, in dentists' offices, in barber chairs around the country . . . more than 20 million readers thumb the pages of *People* magazine every week, making it the second-most read weekly magazine. *People* began making money just 18 months

kane, Wash., is the medical director of the Department of Anesthesia at Draconess Hospital.

'71 *James F. Conway* of Rochester, Minn., is a co-owner and partner of RE MAX of Rochester, a real estate firm.

'72 *Thomas S. Denison* of Minneapolis is a

senior safety engineer of defense systems division for Honeywell Inc.

'73 *David S. Devin* of Minneapolis is employed by the Minneapolis Technical Institute as a data processing instructor. He is also a data processing consultant.

Glen P. Sandness of Min-



Alumni Award Winner

Luther W. Goehring, Mesa, Ariz., will receive the 1981 alumni achievement award at Fort Hays State University, Hays, Kan. He has a master's degree in hospital administration from the University of Minnesota. He is regional vice president of the Lutheran Hospitals and Homes Society of America.

after it was started in 1974. It was becoming so successful that advertisers are willing to pay \$34,000 for a single full-page, color advertisement.

Richard Durrell, '48, works 60 hours a week to make sure the success story of *People* magazine is a continuing saga. Durrell, who received his bachelor's degree at the University of Minnesota, is the publisher of *People*.

"I work with all departments closely," he said, "planning strategy, working with editors on cover selection."

Since 75 to 80 percent of *People* sales are at newsstands, cover selection is critical. Durrell works closely with Managing Editor Dick Stolley on the covers.

"He has 51 percent of the vote and I have 49," Durrell said. When choosing a celebrity for the cover, they take into consideration such factors as age, looks, wealth, and public curiosity.

People has often been criticized for being little more than a gossip and public relations magazine; a slick, tone-downed version of *The National Enquirer*.

Durrell doesn't agree.

"I've been listening to this for seven years," he said. "I have found that most of the people who downgrade our magazine aren't avid readers. They're not informed enough to make that kind of criticism."

"Accuracy is a tradition of Time Inc. (*People* is owned by Time Inc. along with *Time*, *Life*, *Fortune*, *Sports Illustrated*, *Money*, and *Discover*.) Credibility is what all our magazines try to accomplish."

Since 1974, only three lawsuits have been filed against *People*; none of which was settled in favor of the claimants. Two cases were dropped before they

reached the courts; the third was thrown out by a judge.

In that same period, advertising revenue exceeded \$100 million a year. The success of *People* spawned a resurgence of personality columns in newspapers and magazines. Television followed with shows like "Real People" and "That's Incredible."

The success of *People* stems from the balance of coverage between notable and not so notable people, Durrell said. He said people can relate to the accomplishments of other ordinary people.

In the seven years since it began, *People* has established itself as a credible magazine. Celebrities who once shunned *People* photographers are now eager to say cheese. They know the publicity will do them good. Even the President of the United States grants an annual interview to *People* writers.

Durrell began working for Time Inc. in 1950. He worked in the circulation newsstand department in Minneapolis. He has held a number of positions within the company, including stints with *Time* and *Life* magazines.

Durrell is a native of Minneapolis, and returns to visit friends occasionally. He no longer has family ties here, but he has fond memories of the area.

When in town recently to open a photography exhibit for *People* he told a *Minneapolis Tribune* reporter, "This is my favorite area, along with Boston and the Bay area."

He works in New York, now, out of offices on the 29th floor of the Time-Life Building.

Chuck Benda

neapolis is self-employed in the remodeling business.

John J. Ruff of Altoona, Pa., is the director of a Veterans Administration Medical Center.

'74 Wayne H. Wolter of Minneapolis is an environmental engineer for Land O'Lakes Inc.

Suzan A. Grovender of Burnsville, Minn., is a product

representative in Agricultural chemicals for CENEX in St. Paul.

Steven S. St. Clair of Minneapolis is the manager of Flagg Shoes and a substitute teacher at Eisenhower and Lindbergh High School in Hopkins, Minn.

Charles H. Meyer of Roseville, Minn., is employed by the Oppenheimer Law Firm in Minneapolis.

Dr. Daniel J. Powsner of New York, N.Y., is the medical director of Queens Day Treatment Center, affiliated with the Long Island Hillside Medical Center.

Arlene C. Williams of Minneapolis is the managing director of the Minnesota Chorale at the Hennepin Center for the Arts.

Bradley L. Schroeder of Casper, Wyo., was appointed by

the governor of Wyoming as the Sweetwater County Court Judge in Green River, Wyo.

Joel G. Adamic of Stillwater, Minn., is a pharmacist for Target in North St. Paul.

Daniel S. Conklin of Cedar Falls, Iowa is a coordinator for John Deere component works in Waterloo, Iowa.

'75 Charles Giannetto of Rochester, Minn., is

Inventor Honored

Sherwood G. Talbert, '57, '59, Columbus, Ohio, received a U.S. patent in 1980 for work he did for Battelle's Columbus Laboratories. He invented a way to improve pumping cold liquids by placing hot liquids near the suction inlet.



an associate attorney with the firm of Michaels, Seeger, Rosendblad & Arnold.

Donald D. Ritt of Upland, Calif., was promoted to labor relations manager at the Irvindale, Calif., brewery of the Miller Brewing Co.

Michael G. Higgins of Fridley, Minn., is an independent manufacturers agent.

Paul C. Lindoerfer of Hamilton, N.Y., is the manager of Beechee-Burgess Funeral Home.

Mary L. Small of Minneapolis is the publications manager for Abbott-Northwestern Hospital.

'76 *Dr. Mark S. Ellinger* of Carterville, Ill., is an associate professor in the Zoology department at Southern Illinois University at Carbondale.

Barbara C. Greenspan of Minneapolis is a family therapist with Greenspan Associates. She also is vice president of the Minnesota Council for the gifted and talented.

Duane E. Reese of Minnetonka, Minn., is a sales representative for Pella Windows and Doors.

Allen L. Moore of Lake Jackson, Texas, is a store manager for B. Dalton-Bookseller.

Patricia A. Dolentz of St. Cloud, Minn., is a partner with the law firm of Mossey & Dolentz.

Stanley W. Allen of Minneapolis is the owner of Allen Service Center, recyclers of paper and aluminum products.

'77 *Brian L. Danielson* of Brooklyn Center, Minn., is the general manager of the Caswell Equipment Company. He was elected director of the Osseo District 279 School Board.

Richard L. Straumann of Arden Hills, Minn., was elected to the board of directors of the Minneapolis and St. Paul chapter of Administrative Management Society. He also is editor of the chapter directory.

Larry M. Davidson of New Hope, Minn., is a senior marketing representative for Cutler Laboratories.

John H. Ng of Brooklyn, N.Y., is a financial analyst for Shearson and American Express.

J. Peter Paulson of Bloomington, Minn., is a senior financial analyst for the Pillsbury Co. He also is on the faculty of finance at the University of Minnesota School of Management.

'78 *Paul A. Radtke* of Eagan, Minn., is an investigator for a national insurance company and is active in the Minneapolis Aquatennial Association.

Marvin I. Nelson of Minnetonka, Minn., is a senior design engineer for Honeywell Inc., DSD Division in Edina, Minn.

Dr. Lawrence T. Ludwig of Ewa Beach, Hawaii, is a dentist in the U.S. Navy. He was promoted to Lieutenant Commander.

Scott W. Richner of Rochester, Minn., is an associate programmer for IBM in Rochester.

'79 *Scott D. Constans* of St. Paul, Minn., is the director for KTCA TV, and also free lances in television engineering and production work.

Mark E. Kraft of St. Louis Park, Minn., is a certified public accountant for Jergenson & Co., in Bloomington, Minn.

Marlene Forss of Minneapolis is a senior designer at BWBR Architects in St. Paul. She is also vice president of the Institute of Business Designers-Midwest Chapter.

Jennifer M. Bann of New Brighton, Minn., is in her second year of law school at William Mitchell Law School in St. Paul.

Deaths

Walter H. Swanson, '18, on Dec. 14, 1980, in East Lansing, Mich.

Dr. Alfred E. Lange, '19, in Seattle, Wash.

Hirsh Carpenter, '21, on July 25, 1981, in Laguna Hills, Calif.

Dr. L. A. Schoenleben, '22, on July 11, 1981, in Hutchinson, Minn.

Lois Carleton, '24, on May 19, 1981, in Fletcher, N.C.

Yuson Loo, '27, on August 26, 1981, in Kuala Lumpur, Malaysia.

Esther Rogness Eaton, '28, on Sept. 1, 1981, in Ocala, Fla.

John J. Healy, '28, on June 6, 1981, in Youngstown, Ariz.

Dr. Elmer A. Smisek, '30, on May 14, 1981, in North Hudson, Wisc.

Ralph Larson, '34, on August 9, 1981, in Bradenton, Fla.

Dr. David M. Marcley, '34, on July 13, 1981, in Waco, Texas.

Clarence D. Ender, '35, on March 26, 1981, in Wilmington, Del.

Russell K. Anderson, '48, recently in Le Roy, Minn.

Robert J. Quinlan, '49, on August 27, 1981, in Edina, Minn.

Warren T. Hanson, '50, on June 28, 1981, in Bemidji, Minn.

Carl P. Mayer, '54, on July 29, 1981, in St. Paul.

Leroy C. Iverson, '58, recently in Mapel, Minn.

David E. Jones, '58, on August 8, 1981, in South St. Paul.

MOVING?

Please help your Minnesota Alumni Association reduce the cost of postage by telling us when and where you are moving. You can help too, by telling us of a friend whom you know to be an alumnus or alumna that has moved. Thanks for your help!

Name _____
(Please use the name under which you graduated)

Degree(s) you received and the year _____

YOUR NEW ADDRESS

Street _____

City & State _____ Zip _____

Please attach the old address label here:

Please mail to Minnesota magazine,
100 Morrill Hall, 100 Church Street SE,
Minneapolis, MN 55455.

Discover The Pearl of the Caribbean

on Minnesota Alumni
Association's tour to

Margarita Island



One hundred miles of sugar white beaches, gourmet dining, duty-free shopping and lively island nightlife are just a few of the pleasures this beautiful Caribbean paradise offers. Optional excursions into neighboring Venezuela are also available.

Minnesota travelers will leave **March 20** and return on **March 27, 1982**. Tour cost (per person, double occupancy, New York departure) is **\$725.00**.

Write or call now for more details or for reservations:

Minnesota Travelers
Minnesota Alumni Association
100 Church Street SE
Minneapolis, Minnesota 55455
(612) 373-2466



COME BACK TO THE 'U'...FOR LIFE!

Life membership in the Minnesota Alumni Association is an economical and easy way to ensure a lasting affiliation with the University of Minnesota.

Life memberships are available in two ways: a single payment or an installment payment plan.

The following are new members as of June:

Full Life Members June 1981

- Aadelen, Sharon P.; '79 GRAD; Edina
 Abrams, Richard B.; '58 LAW; Edina
 Abrams, (Mrs. Richard B.), Myrna Nooldleman; '56 CLA; Edina
 Acker, Robert F.; '43 IT; Des Plaines, Ill.
 Action, Roger L.; '49 IT; Minneapolis
 Action, (Mrs. Roger L.), Kay M.; '55 NURS; Minneapolis
 Akerlund, O. O.; '71 BUS; Minneapolis
 Amershek, Dr. Kathleen G.; '66 ED; College Park, Md.
 Anderson, Albert L.; '34 BUS; Edina
 Anderson, (Mrs. Albert L.), Marian E.; '53 CLA; Edina
 Anderson, Arden O.; '49 CLA; Brainerd, Minn.
 Anderson, Gordon H.; '48 IT; Albert Lea, Minn.
 Anderson, (Mrs. Gordon), Maxine H.; '44 MEDTC; Albert Lea, Minn.
 Anderson, Dr. Robert W.; '47 DENT; Aurora, Minn.
 Anderson, Ronald C.; '73 CLA; Bloomington
 Anderson, (Mrs. Ronald C.), Susan M.; Bloomington
 Andren, John B.; Minneapolis
 Andren, (Mrs. John B.), Marian C.; Minneapolis
 Andresen, T. Richard; '64 IT; Brooklyn Park
 Ankeny, John I.; '51 AG; St. James, Minn.
 Ankeny, (Mrs. John I.), Lois M.; '52 HE; St. James, Minn.
 Anzele, Dr. Matt M.; '74 DENT; Hibbing, Minn.
 Applen, Dr. John E.; '54 MED; Corona Del Mar, Calif.
 Arnold, Dr. Thomas B.; Edina
 Arom, Dr. Kit V.; '74 MED; Edina
 Aspres, Anthony S.; '73 LAW; Minneapolis
 Bacich, Barbara M.; '66 LAW; Minneapolis
 Bader, Scott; St. Louis Park
 Bakken, James A.; '57 BUS; Houston
 Baldinger, Jay; '76 ED; Eagan
 Banks, Marquita K. Christensen; '59 HE; Lynd, Minn.
 Barton, Dr. Helen B.; '33 MED; Wayzata
 Basquin, Paul P.; '49 BUS; Roseville
 Battle, Willa G.; '79 GRAD; Minneapolis
 Baumgartner, Dr. H. Walter; '60 GRAD; Oneonta, N.Y.
 Beaten, Dr. J. Gordon; '43 MED; St. Cloud
 Beaten, (Mrs. J. Gordon), Genevieve; St. Cloud
 Becklund, Lester A.; '68 GRAD; La Mesa, Calif.
 Bewel, Barbara; '80 IT; Minneapolis
 Bender, Thomas A., Jr.; '54 GRAD; Rochester
 Benjamin, Dr. Roger J.; '60 MED; Owatonna, Minn.
 Bennett, Diane C.; '59 CLA; Rochester
 Bensend, Dr. Dwight W.; '43 GRAD; Hale, Mo.
 Bensend, (Mrs. Dwight W.), Marguerite E.; '42 FOR; Hale, Mo.
 Berends, Dr. Philip H.; '70 VET M; St. Charles, Minn.
 Berg, Karen Ann; '81 CLA; Edina
 Berg, Norbert R.; '57 GRAD; St. Paul
 Bernath, Otto; '49 UCOL; Silver Spring, Md.
 Bessessen, Myrtle H.; Sun City, Ariz.
 Bierman, James M.; '49 IT; Los Angeles
 Biever, Lawrence; '42 AG; Rochester
 Biever, (Mrs. Lawrence), Anna; '40 HE; Rochester
 Black, Shirley J.; '38 GC; Hopkins
 Bloedel, Corinne Clausen; '80 GRAD; Cottage Grove
 Blumberg, Larry M.; '68 CLA; Des Moines, Iowa
 Blunck, Timothy W.; '81 CLA; Bloomington
 Bohn, Dr. Clayton L.; '37 DENT; San Diego
 Boies, Dr. Lawrence R., Jr.; '79 GRAD; St. Paul
 Bolmgren, Charles R.; '57 GRAD; Pittsburgh
 Bolstad, Edward C.; '76 GRAD; St. Paul
 Borgan, James E.; '75 GRAD; Spokane, Wash.
 Boswell, George M.; '58 ED; Battle Creek, Mich.
 Brase, Douglas R.; '81 BUS; Owatonna, Minn.
 Braufman, Jules; '38 BUS; St. Paul
 Braufman, (Mrs. Jules), Madalyn; '47 CLA; St. Paul
 Bregmann, Thomas J.; '80 BUS; Bloomington
 Briere, Robert G.; '42 BUS; Sun City, Calif.
 Brown, Dr. John M.; '56 MED; Roseville
 Brown, Marian E.; '55 HE; Apple Valley
 Brown, Patricia A.; '52 CLA; Minneapolis
 Bruer, Dorothy Thorp; '47 CLA; Hopkins
 Buechler, Phyllis F.; '69 ED; Brooklyn Center
 Burgeson, Celeste; '42 HE; Terre Haute, Ind.
 Buscher, Robert J.; '51 BUS; Mankato
 Buscher, (Mrs. Robert J.), Marilyn L.; '52 CLA; Mankato
 Campbell, Dr. Gilbert S.; '54 MED; Little Rock, Ark.
 Campbell, (Mrs. Gilbert S.), Joan; '57 UCOL; Little Rock, Ark.
 Carleton, Dr. Lawrence R.; '78 GRAD; San Diego
 Carleton, (Mrs. Lawrence R.), Lynne M. Fisher; '78 GRAD; San Diego
 Carlsen, Ted; '52 CLA; Edina
 Carlsen, (Mrs. Ted), Catherine Relf; '52 CLA; Edina
 Carroll, John D.; '48 MORSC; Deer River, Minn.
 Casey, Dr. John J.; '57 MED; Wichita, Kan.
 Cavalli, Thomas M.; '78 GRAD; Brooklyn Park
 Chapman, John J.; '48 CLA; Long Beach, Calif.
 Cheleen, Ann V.; '62 ED; St. Louis Park
 Cheng, Chung Po; '73 GRAD; Cockeysville, Md.
 Chi, Dr. Sun Hwan; '69 MED; Dubuque, Iowa
 Chickett, Michael C., Jr.; '68 GC; St. Paul
 Chickett, (Mrs. Michael C.), Pamela J.; '77 ED; St. Paul
 Childress, Dr. Lloyd E.; '34 DENT; Light-house Point, Fla.
 Christison, Richard J.; '71 CLA; St. Paul
 Chun, Gregory H.; '76 GRAD; Holliston, Mass.
 Chun, (Mrs. Gregory H.), Felicia; Holliston, Mass.
 Cleary, Dr. John; '71 MED; San Diego
 Clemetson, Allan E.; '50 IT; Duluth
 Clemetson, (Mrs. Allan E.), Edith M.; '42 Duluth
 Cobb, Beth B.; '41 ED; St. Croix Falls, Wis.
 Colosimo, Sheila M. Kolbe; '69 ED; Eveleth, Minn.
 Confer, Ogden P.; '43 BUS; Mankato
 Conrad, Janet M.; '73 ED; Minneapolis
 Craddick, Harry L.; '26 BUS; Edina
 Craddick, (Mrs. Harry L.), Helen Sorem; '46 CLA; Edina
 Crawford, David G.; '72 UCOL; Madison, Wis.
 Crow, Dr. Robert V.; '75 GRAD; Ames, Iowa
 Currier, Dennis R.; '74 CLA; Edina
 Currier, (Mrs. Dennis R.), Patty F.; '76 CLA; Edina
 Czarnecki, Caroline M.; '67 GRAD; Roseville
 Damron, Esther Skerik; '34 MEDTC; Minneapolis
 Danneberg, Doris K.; '43 HE; Waukegan, Ill.
 Darrell, Joan L. Boschert; '81 CLA; St. Paul
 Dennistoun, Rollin M.; '63 GRAD; Apple Valley

- Dennistoun, (Mrs. Rollin M.), Edna A.; Apple Valley
- DesLauriers, Mary B.; '81 HE; St. Paul
- Dew, Martha E.; '43 NURS; Minneapolis
- Diekman, Dr. Norbert T.; '52 DENT; Mahanomen, Minn.
- Dodds, Dr. William C.; '43 MED; Detroit Lakes, Minn.
- Dols, Kenneth K.; '48 IT; Minneapolis
- Dols, (Mrs. Kenneth K.), Barbara L.; '46 ED; Minneapolis
- Donehower, Dr. Ross C.; '74 MED; Baltimore, Md.
- Dorn, Mrs. E. F.; Hamel
- Dornblaser, Prof. Bright M.; '49 BUS; Edina
- Doty, Robert E.; '60 GRAD; Monticello, Minn.
- Doty, (Mrs. Robert E.), Rosamond; '67 GRAD; Monticello, Minn.
- Drum, Douglas E.; '39 BUS; Sun City West, Ariz.
- Drum, (Mrs. Douglas E.); '40 AG; Sun City West, Ariz.
- Dumke, Dr. Melvin P.; '43 DENT; N. Mankato
- Dunn, Joyce B.; '49 CLA; Jacksonville, N.C.
- Eastman, Welles B.; '47 CLA; Wayzata
- Eastman, (Mrs. Welles B.), Marion Jean McDonald; '48 CLA; Wayzata
- Edquist, Carol Hemmingson; '34 ED; Fresno, Calif.
- Ellertsen, Birger W.; '35 FOR; Norris, Tenn.
- Engebretson, John R.; '51 IT; Mt. Prospect, Ill.
- Erickson, James C.; '40 IT; Urbandale, Iowa
- Espelian, Dr. Alan; '61 MED; St. Cloud
- Espelian, (Mrs. Alan), Adella; St. Cloud
- Fadner, Lawrence T.; '44 IT; Laurel, Md.
- Fahey, Kathleen G.; '68 CLA; Carbondale, Ill.
- Ferris, Dr. Thomas E.; Minneapolis
- Fesler, John L.; '49 BUS; Minneapolis
- Field, M. Wayne; '50 CLA; Edina
- Fisher, Dr. Howard W.; '65 MED; Richfield
- Flanagan, Dr. Michael C.; '68 MED; St. Cloud
- Flanagan, (Mrs. Michael C.); St. Cloud
- Flynn, Dr. Clarence S.; '55 DENT; Edina
- Ford, Dr. William H.; '30 MED; Hopkins
- Forman, Willis M.; '48 CLA; St. Paul
- Forman, (Mrs. Willis M.), Roxanne P.; St. Paul
- Fossum, Kyle K.; '41 BUS; Atlanta
- Fowler, Mary N.; '27 CLA; Newport Beach, Calif.
- Franzen, Bruce Tod; '79 DULUTH; Eden Prairie
- Fruchtman, Dr. Robert B.; '56 MED; Milwaukee
- Furlong, G. Chester; '42 IT; Tullahoma, Tenn.
- Gadola, Dr. David; '56 DENT; Mora, Minn.
- Gagnon, Kathryn Coram; '66 GRAD; St. Paul
- Geistfeld, Ronald E.; '57 DENT; St. Paul
- Geistfeld, (Mrs. Ronald E.), Annette L. Swenson; '63 ED; St. Paul
- Gengler, Rita E.; '73 PH; Tucson, Ariz.
- Gibbons, Josefina A.; '75 GC; Rochester
- Gilgenbach, Dr. David A.; '75 VET M; Elk River
- Golden, Rivoli A.; '54 ED; Minneapolis
- Gordon, Dr. George B.; '47 MED; San Jose, Calif.
- Gorra, John; '70 CLA; Edina
- Grabow, Clayton E.; '42 AG; Milaca, Minn.
- Green, Thomas W.; '57 BUS; Minneapolis
- Greene, Robert L.; '59 DULUTH; Minnetonka
- Griffith, Leonard E.; '51 UCOL; Duluth
- Griffith, (Mrs. Leonard E.), Karen A.; '48 UCOL; Duluth
- Groth, Norman E.; '45 CLA; Edina
- Groth, (Mrs. Norman E.), Helen R.; '44 CLA; Edina
- Grygar, Chester B.; '47 BUS; Minneapolis
- Gunderson, Elmer H.; '55 PT; Bloomington
- Gunderson, Philip S.; '39 CLA; Madelia, Minn.
- Hackner, Lester C.; '51 PHARM; St. Paul
- Hah, Dr. Byoung Rae; '75 VET M; Manawa, Wis.
- Hah, (Mrs. Byoung R.), Sun Hee; Manawa, Wis.
- Halpern, Lar; '67 LAW; Rochester, Wash.
- Handberg, Roger E.; '57 IT; Crystal
- Hansen, Dr. Milo L.; '51 MED; Little Falls, Minn.
- Happ, Marshall R.; '60 CLA; Minneapolis
- Harpestad, Gerhard W.; '54 AG; Champaign, Ill.
- Harrington, Dr. Vernon A.; '48 MED; Duluth
- Harrington, (Mrs. Vernon A.), Dorothy Chamberlin; '46 ED; Duluth
- Hart, Martha Lee; '38 DENHY; Gibsonburg, Ohio
- Haugan, Stella B.; '75 CLA; Minneapolis
- Haugen, Dr. George W.; '45 MED; Mound
- Heglund, Kathryn Hornung; '49 CLA; Minnetonka
- Heinzerling, Dr. Carl R.; '53 MED; Sarasota, Fla.
- Heinzerling, (Mrs. Carl R.), Patricia E.; '52 LAW; Sarasota, Fla.
- Heitner, Maynard G.; '48 MORSC; Wells, Minn.
- Helgeson, Donald; St. Cloud
- Hellervik, Lowell; '68 ED; Minneapolis
- Hendrickson, Dr. Harvey S.; '63 GRAD; Miami, Fla.
- Hendrickson, (Mrs. Harvey S.), Rosanne C.; '63 GRAD; Miami, Fla.
- Henkel, Arnold P.; Edina
- Hickey, William J., Jr.; '44 CLA; St. Paul
- Hilde, Al, Jr.; '55 BUS; Plymouth
- Hillier, Stanley R.; '30 AG; Verndale, Minn.
- Hillier, (Mrs. Stanley R.), Helen Mary; '29 HE; Verndale, Minn.
- Hodapp, Pamela Jo; Madison Lake, Minn.
- Hoelt, William F.; '32 CLA; Vero Beach, Fla.
- Hoelt, (Mrs. William F.), Janet Smith; '32 MEDTC; Vero Beach, Fla.
- Holloran, Anne Florence; '81 BUS; Excelsior
- Holloran, Mary P.; '80 ED; Excelsior
- Holloran, Thomas E.; '55 LAW; Excelsior
- Holloran, (Mrs. Thomas E.), Patricia McConville; '52 ED; Excelsior
- Holtan, Harvey; '49 LAW; Lakefield, Minn.
- Hooper, Pearl F.; St. Paul
- Horner, Richard E.; '45 IT; Waseca, Minn.
- Hubbard, June Day; '42 GRAD; Fargo, N.D.
- Hughes, Mark A.; '72 BUS; Huntsville, Ala.
- Hughes, John I.; '41 IT; Wilmington, Del.
- Hughes, (Mrs. John I.), Catherine Cornacker; '42 ED; Wilmington, Del.
- Hutchinson, Willis S.; '35 GRAD; St. Paul
- Hutchinson, (Mrs. Willis S.), Katherine A.; St. Paul
- Hyde, Marilyn; '76 GRAD; Watsonville, Calif.
- Ingwalsen, Katherine Lewis; '31 HE; Sun City, Ariz.
- Irons, Dean P.; '42 IT; Tucson, Ariz.
- Jessen, Carl R.; '69 GRAD; St. Paul
- Jessen, Dr. James W.; '81 MED; Sioux City, Iowa
- Johnson, Dr. Betty M.; '55 NURS; Charlottesville, Va.
- Johnson, Dr. Darrel E.; '57 VET M; Weyauwega, Wis.
- Johnson, Ruth C.; '45 CLA; Minneapolis
- Johnson, Dr. Wayne D.; '54 DENT; Richfield
- Johnson, (Mrs. Wayne D.), Nathalie L.; Richfield
- Jokela, Laina E.; '52 GRAD; Minneapolis
- Jones, Dr. Richard N., Jr.; '55 DENT; Portland, Ore.
- Juenemann, Patrick J.; Fridley
- Kane, Dr. Dennis J.; '55 MED; Minneapolis
- Kane, (Mrs. Dennis J.), Patricia S.; Minneapolis
- Kawamoto, Isao; '52 BUS; San Francisco
- Kawamoto, (Mrs. Isao), Ada Nakagiri; '49 CLA; San Francisco
- Kellogg, Martin N.; '53 IT; St. Paul
- Kellogg, (Mrs. Martin N.), Esther S.; '55 ED; St. Paul
- Kent, Dr. James R.; '53 MED; Colorado Springs, Colo.
- Kesler, Gale T.; '34 IT; Minnetonka
- Ketterling, Dr. Clarence F.; '50 DENT; Morris, Minn.
- King, Preston; '47 AG; Minneapolis
- Kline, George E.; '75 GRAD; Edina
- Knatterud, Genell; '63 GRAD; Baltimore
- Knoche, Dr. Harvey A.; '45 MED; Gaylord, Minn.
- Knoche, (Mrs. Harvey A.), Lois L.; '42 MEDTC; Gaylord, Minn.
- Koch, Michael J.; '81 CLA; Wyoming, Minn.
- Koch, (Mrs. Michael J.), Kathy; Wyoming, Minn.
- Kohner, David W.; '74 IT; Edina
- Kreil, Robert E.; '62 AG; Glencoe, Minn.
- Kreidberg, Irene D.; '30 BUS; St. Paul
- Krier, Dr. James F.; '55 VET M; Omaha, Neb.
- Kronstedt, Michael; '67 ED; Afton
- Kuhl, Robert E.; '54 GRAD; St. Paul
- Kuhl, (Mrs. Robert E.), Marjorie D.; '71 NURS; St. Paul

- Kuntz, Dr. John W.; '57 DENT; Edina
Kuntz, (Mrs. John W.), Carol A. Lundstrom; '56 HE; Edina
Lang, John W.; '73 IT; Seattle
Lang, Robert D.; '75 IT; Minneapolis
Larsen, Dr. Russell H.; '59 MED; Maple Grove
Larsen, (Mrs. Russell H.), Karen A.; '59 NURS; Maple Grove
Latvala, Lynn M.; Edina
Latvala, Susan Lea; '75 GC; Edina
Lauth, Robert E.; '51 CLA; Durango, Colo.
Lee, Gordon M.; '38 IT; Red Wing, Minn.
Lee, (Mrs. Gordon M.), Harriet L.; '38 CLA; Red Wing, Minn.
Lee, Jon N.; '68 DULUTH; Bagley, Minn.
Lees, Raymond E.; '50 IT; Northridge, Calif.
Lehmborg, Fritz T.; '71 MORRIS; Thunder Bay, Ontario
Lehnen, Judy L.; '75 CLA; St. Paul
Leistikio, Lawrence F.; '69 IT; Minneapolis
Lentz, Rev. Milton R.; '50 CLA; Waseca, Minn.
Lidberg, Eloise M.; '75 BUS; Minneapolis
Lincoln, Elizabeth C.; '80 LAW; Minneapolis
Lindquist, Dale C.; '56 MED; Lindstrom, Minn.
Lones, William C.; '76 MORSC; Lindstrom, Minn.
Lund, Dennis L.; '64 GC; Federal Way, Wash.
Lund, Martin C.; '42 AG; Grand Forks, N.D.
Lundgren, Richard W.; '48 BUS; Minneapolis
Lundgren, (Mrs. Richard W.), Edna M.; '47 HE; Minneapolis
Lundholm, Dr. Gordon L.; '46 DENT; Lake Elmo
Lundsgaard, Dr. Douglas K.; '65 CLA; Eugene, Ore.
Lundsgaard, (Mrs. Douglas K.), Victoria Thompson; Eugene, Ore.
Lynch, Harold W.; Arlington, Minn.
Lynch, (Mrs. Harold W.), Marion Maurer; '32 CLA; Arlington, Minn.
Mackay, Harvey B.; '54 CLA; Excelsior
Mackey, William H.; '55 GRAD; Minneapolis
Madsen, Kenneth A., Jr.; Minneapolis
Madsen, (Mrs. Kenneth A.), Rita Lynn Root; '80 DENHY; Minneapolis
Mandery, C. Marvin; '50 BUS; Minneapolis
Maranda, Edward G.; '57 GRAD; St. Paul
Martin, Tim N.; '72 GRAD, Victoria, Texas
Mattson, David F.; '42 IT; Overland Park, Kan.
May, Wayne H.; '37 IT; Denver, Colo.
McCarthy, John F.; '73 DULUTH; Las Vegas, Nev.
McConnell, Terrance C.; '75 GRAD; Greensboro, N.C.
McConnell, (Mrs. Terrance C.); '76 PHARM; Greensboro, N.C.
McDonald, Marsha B.; '77 CLA; Minneapolis
McGonagle, E. Richard; '51 BUS; St. Cloud
McGrath, Dr. Joseph V.; '71 MED; Wabasha, Minn.
McHardy, Dr. Bryson R.; '52 MED; Brandon, S.D.
McHardy, (Mrs. Bryson R.); '50 ED; Brandon, S.D.
Meline, Harry R.; '51 IT; Edina
Middleton, Dr. Carney M.; '72 DENT; Carrington, N.D.
Miller, I. Keith; '50 IT; Wilmington, Del.
Miller, (Mrs. I. Keith), Maryann Johnson; '44 BUS; Wilmington, Del.
Miller, L. E.; '62 BUS; Minneapolis
Moberg, Donald R.; '46 BUS; Minneapolis
Moberg, (Mrs. Donald R.), Patricia T.; '49 CLA; Minneapolis
Moen, James R.; '50 AG; White Bear Lake
Monahan, Raymond E.; '44 IT; Minneapolis
Moore, Marjorie E.; '45 GRAD; Washington, D.C.
Moorman, Albert J.; '42 CLA; Atherton, Calif.
Morison, Lucia T.; '71 CLA; Wayzata
Mortenson, Arthur J.; '48 PHARM; Dodge Center, Minn.
Mulvahill, Dr. John E.; '57 MED; Minneapolis
Mulvahill, (Mrs. John E.), Jean; '46 MEDTC; Minneapolis
Mulvehill, Catherine M.; '33 MEDTC; Edina
Mussey, Dr. Mary E.; '41 MED; Chatfield, Minn.
Myers, William A.; '68 GRAD; Lancaster, Pa.
Myren, Frederick S.; '76 UCOL; Minneapolis
Nakamoto, Dr. Roy Y.; '61 DENT; San Francisco
Nakamoto, (Mrs. Roy Y.), Anna M.; San Francisco
Nash, Dr. Eldore B.; '53 MED; Golden Valley
Naumann, Justus D.; '77 GRAD; Minneapolis
Naumann, (Mrs. Justus D.), Joyce I.; Minneapolis
Nelson, Dr. Audrey M.; '65 MED; Rochester
Nelson, Edward E.; '37 CLA; Las Vegas, Nev.
Nelson, Dr. Glen H.; '51 VET M.; St. Paul
Nelson, Laura J.; '75 CLA; Minneapolis
Nelson, Marion C.; '36 BUS; Minneapolis
Nelson, Thomas Dean; '80 BIOSC; St. Paul
Nettekoven, William F.; '48 IT; Stillwater, Minn.
Nettekoven, (Mrs. William F.), Arlene Mae Class; '41 ED; Stillwater, Minn.
Nettlecliff, Shirley Temple; '76 GRAD; Randallstown, Md.
Newstrum, Roger F.; '59 CLA; Golden Valley
Nicholas, Dr. S. Scott; '61 MED; Minneapolis
Nielsen, Steven W.; '71 CLA; Marshall, Minn.
Nordstrom, Dr. James A.; '63 VET M.; Kenosha, Wis.
Norris, Donald A., Jr.; '49 DENT; Lawton, Okla.
Norton, Elizabeth Wychgel; '74 LAW; Minneapolis
Nyjordet, Ester P.; '64 ED; Edina
Olin, Scott K.; '79 BUS; Dickinson, N.D.
Olsen, Robert F.; '65 CLA; Bloomington
Olson, Dr. A. J.; '43 MED; Owatonna, Minn.
Olson, Genevieve; '59 GRAD; Mound
Olson, Kenneth R.; '77 GRAD; Vermillion, S.D.
Olson, Roger H.; '64 UCOL; Chicago
Olson, Wallace B.; '78 IT; Camarillo, Calif.
Oppen, Dr. Melvin G.; '51 MED; Colorado Springs, Colo.
Opperman, Vance; '69 LAW; Hopkins
Opperman, (Mrs. Vance), Dorothy; Hopkins
Orr, Dr. Burton A.; '44 MED; Faribault, Minn.
Orren, Michael N.; Edina
Orren, (Mrs. Michael N.), Carol; '47 GC; Edina
Osada, Dr. Takeshi; '54 DENT; Brooklyn Park
Osterbauer, Terry; '72 IT; Forest Lake
Oszustowicz, Richard J.; Wayzata
Owens, Dr. Kenneth E.; '54 GRAD; Lake Elmo
Owens, (Mrs. Kenneth E.), Marion S.; '53 GRAD; Lake Elmo
Parker, Carroll A.; Bellevue, Neb.
Parker, (Mrs. Carroll A.), Carolyn Rose; '50 CLA; Bellevue, Neb.
Parsons, Dr. Walter B.; '69 DENT; St. Paul
Parsons, (Mrs. Walter B.), Linda; '65 ED; St. Paul
Paul, Mildred J.; '38 ED; Anoka
Pendzimas, Donald J.; '58 IT; Guilford, Conn.
Pendzimas, (Mrs. Donald J.), Joyce R.; Guilford, Conn.
Penne, Michael; '67 CLA; Winter Park, Fla.
Penne, (Mrs. Michael), Rachel; '67 CLA; Winter Park, Fla.
Perrin, James E.; '56 BUS; Minneapolis
Perry, John F.; '52 FOR; Bloomington
Peteler, Dr. Jennings C.; '46 MED; Minnetonka
Peteler, (Mrs. Jennings C.), Nancy Kern; '51 GRAD; Minnetonka
Peterson, Jean P.; '49 ED; La Crescenta, Calif.
Peterson, John A.; '46 CLA; St. Louis Park
Peterson, Louis H.; '56 BUS; Glenwood, Ill.
Phibbs, Dr. Clifford H.; '60 MED; Minneapolis
Pickering, Dr. Bryant I.; '58 MED; Phoenix, Ariz.
Powers, Russell C.; '42 IT; Minneapolis
Prince, Betty F.; '38 CLA; Denver, Colo.
Pukema, Helge E.; '42 ED; Superior, Wis.
Quinlivan, Sally Ann; '80 ED; St. Cloud
Radniecki, Regene A.; '77 CLA; Minneapolis
Ragan, Ramon W.; '54 IT; Greensboro, N.C.
Rau, Ronald W.; '51 IT; St. Louis
Reed, Glen A.; '54 ED; Bloomington
Reed, (Mrs. Glen A.), Ruth Holmberg; '55 NURS; Bloomington

- Reichmann, Nancy; '68 NURS; Villard, Minn.
- Remund, James W.; '57 LAW; Windom, Minn.
- Remund, (Mrs. James W.), Doris B.; '50 HE; Windom, Minn.
- Reynolds, Jeannette; '28 CLA; Minneapolis
- Robinson, Dwight P.; '78 GRAD; Saint Paul
- Rose, George H.; '50 BUS; Kildeer, Ill.
- Rowe, James A.; S. St. Paul
- Rowe, Margaret; '72 ED; Port Charlotte, Fla.
- Rund, Dr. Carroll D.; '67 MED; Menomone, Wis.
- Rundquist, James D.; '73 PH; Waseca, Minn.
- Rundquist, (Mrs. James D.), Connee; '65 ED; Waseca, Minn.
- Ruotsala, Albert P.; '55 GRAD; Houghton, Mich.
- Rushton, Bruce D.; '77 GRAD; Minneapolis
- Rydell, Edward G.; '72 CLA; St. Clair Shores, Mich.
- Sachs, Richard F.; '53 LAW; Minneapolis
- Sachs, (Mrs. Richard F.), Elaine L.; '77 GRAD; Minneapolis
- Sanders, Dr. Daniel S.; '71 GRAD; Honolulu
- Sands, Robert P.; '65 LAW; Minneapolis
- Sattler, Franz L.; '69 DENT; Harmony, Minn.
- Saunders, Ilene T.; '55 ED; Minneapolis
- Scharnke, John F.; '41 CLA; Baraboo, Wis.
- Schlaeppli, John R.; '65 BUS; St. Paul
- Schmidtke, Dr. Reinhardt L.; '32 MED; Bloomington
- Schreiber, Earl A.; '59 GRAD; Winona, Minn.
- Schuenke, Norman E.; '69 BUS; Burnsville
- Scipioni, Paul J.; '76 GRAD; Minneapolis
- Scruby, Lynn; '80 GRAD; Winnipeg, Manitoba
- Segal, Dr. Marvin; '62 MED; Edina
- Sellers, Dr. Robert D.; '64 GRAD; Council Bluffs, Iowa
- Sellers, (Mrs. Robert D.), Barbara; Council Bluffs, Iowa
- Sellner, Jane L. B.; '39 IT; Hopkins
- Semsch, Dr. Robert D.; '44 MED; Minnetonka
- Settergren, David G.; '76 AG; St. Paul
- Settergren, (Mrs. David G.), Maurine H. Needham; '78 FOR; St. Paul
- Sheehan, Richard J.; '75 CLA; Minneapolis
- Sheehan, (Mrs. Richard J.), Marilyn J. Maloney; '79 LAW; Minneapolis
- Shortley, George M.; '62 BUS; Rancho Santa Fe, Calif.
- Skolness, Daniel O.; '69 IT; Glyndon, Minn.
- Skradski, Kathleen; '70 MEDTC; Mendota Heights
- Sosey, Dorothy L. Hasslen; '37 BUS; St. Joseph, Mich.
- Stacker, Howard G.; '63 LAW; St. Paul
- Stan, Warren; '80 ED; Cottage Grove
- Steffen, Carrol Albert; '76 CLA; Minneapolis
- Stites, Miriam West; '34 HE; Arnold, Calif.
- Stoppelman, Carol C.; '65 GRAD; Belle Plaine, Minn.
- Strache, Dr. J. A.; '58 GRAD; Hawley, Minn.
- Strew, Dr. Richard E.; '60 MED; Minneapolis
- Swan, Harriett S.; '46 HE; Minneapolis
- Swanson, Loren E.; '44 IT; Minneapolis
- Swanson, Norma W.; '68 CLA; Owatonna, Minn.
- Takala, William R.; '37 BUS; Sun City, Ariz.
- Talmo, Robert E.; '49 IT; Pasadena, Calif.
- Taravella, Daniel J.; '48 IT; Mine Hill, N.J.
- Telljohn, Thomas K.; '79 AG; Le Sueur, Minn.
- Telljohn, (Mrs. Thomas K.), Dana French; '69 HE; Le Sueur, Minn.
- Therkelsen, James W.; '63 GRAD; Minneapolis
- Thies, Thomas M.; '76 GC; New Brighton
- Tickle, R. A.; Edina
- Tickle, (Mrs. R. A.), Elizabeth M.; Edina
- Tomek, Dr. William G.; '61 GRAD; Ithaca, N.Y.
- Tonnemaker, F. Clayton; '50 ED; Billings, Mont.
- Tordoff, Jean; St. Paul
- Torstveit, Howard L.; '47 BUS; Middletown, Ohio
- Tottori, Dr. Lawrence T.; '63 DENT; San Jose, Calif.
- Trelstad, Sigurd J.; '64 CLA; Minneapolis
- Trygstad, Brian R.; '78 DULUTH; Grand Rapids, Minn.
- Tucker, Dorothy McNeill; '45 ED; West Covina, Calif.
- Tumbleson, Gerald; '64 AG; Sherburn, Minn.
- Tumbleson, (Mrs. Gerald), Joanne; Sherburn, Minn.
- Tupper, Kent P.; '56 CLA; Walker, Minn.
- Twitchell, Caryl; '56 BUS; Robbinsdale
- Underwood, Barbara B.; '45 BUS; Fergus Falls, Minn.
- Valenty, Thomas G.; '41 IT; St. Paul
- Veker, Dr. Stanley W.; '43 DENT; Minneapolis
- Virum, Margaret L.; '49 ED; Minneapolis
- Walter, Elma F.; '47 CLA; Bayport, Minn.
- Washington, Rosemary G.; '76 CLA; Seattle
- Wavrin, Dr. Dennis L.; '72 DENT; Le Sueur, Minn.
- Wefelmeyer, Fred B., III; '59 MORSC; Cloquet, Minn.
- Weimer, Rita Kruse; '64 CLA; Allentown, Pa.
- Weinberg, Leah; '79 GRAD; Minneapolis
- Weisberg, Dr. Stephen C.; '64 MED; Minneapolis
- Werschem, Mildred L.; '39 ED; Minneapolis
- Wesley, Leroy; Minneapolis
- West, Thomas H.; '75 IT; Summerville, S.C.
- White, Daniel W.; '78 GRAD; Foustville, Md.
- Whitsitt, William H., Sr.; '51 DULUTH; Bennett, Wis.
- Whitson, Lee S.; '37 GRAD; St. Paul
- Wilcox, Manly A.; '42 PHARM; Edina
- Wilk, Dr. Roger E.; '52 ED; Tampa, Fla.
- Wilk, (Mrs. Roger E.); Tampa Fla.
- Williams, Richard A., Jr.; '70 LAW; Minneapolis
- Williams, (Mrs. Richard A.), Gloria; Minneapolis
- Winsor, John R.; '43 BUS; Wayzata
- Winsor, (Mrs. John R.), Renata R.; '43 NURS; Wayzata
- Winters, Gertrude L.; '67 ED; St. Paul
- Witham, Jane Boener; '40 ED; Edina
- Witt, Duwayne M.; '72 ED; New Ulm, Minn.
- Witt, (Mrs. Duwayne M.), Kay; New Ulm, Minn.
- Wold, Jessie Louise; '37 CLA; Mill Valley, Calif.
- Wolf, Raymond S.; '42 AG; St. Paul
- Womack, James S.; '61 CLA; Lakeville, Minn.
- Womach, (Mrs. James S.); '50 CLA; Lakeville, Minn.
- Wood, Robert C.; Minneapolis
- Wood, (Mrs. Robert C.), Marjorie A.; Minneapolis
- Youngquist, Robert J.; '52 GRAD; White Bear Lake
- Youngquist, (Mrs. Robert J.), Lorene Wolf; '50 LAW; White Bear Lake
- Zecca, Alphonse E.; '47 BUS; Minneapolis
- Zelle, Lawrence; '59 LAW; St. Paul
- Zelle, (Mrs. Lawrence), Honey; '57 ED; St. Paul

(The list of June installment life members will be published in the next issue.)

ONCE OVER LIGHTLY

Gopher Gets the Go-over

No rodent in history has been so thoroughly misrepresented and tampered with as the Minnesota Gopher. From the first realistic representations in early yearbooks to the new official Minnesota Gopher, at right, designed in 1979 by Minneapolis artist Bill Stein, the Golden Gopher has undergone an amazing metamorphosis.

Truth of the matter is, it's not even a gopher, but a 13-striped ground squirrel, a cousin to the groundhog.

How many more days of winter does that leave us with?



EVERY MEMBER
GET A MEMBER!





1882

1981

PRESENT

ONE HUNDRED YEARS OF GOLDEN GOPHER FOOTBALL

commemorative publication to that someone special who is having a special day soon ... Birthday? Graduation? Convalescing? Merry Christmas? Happy Hanukkah or simply a thoughtful remembrance to special friends or customers! A wonderful way to say

Thinking of You!

AT ONLY \$5.00 PER EDITION
PROCEEDS TO THE U OF M WILLIAMS FUND

SPECIAL GIFT ORDER

MY NAME _____
PLEASE PRINT

ADDRESS _____ APT. _____

CITY _____ STATE _____ ZIP _____ PHONE _____

Please Rush _____ copies of 100 Years of Golden Gopher Football @ \$5.00 per copy plus \$1.50 per copy handling & postage. (Minn. 5% State Tax included). Bulk orders of five copies or more will be sent at a **maximum** \$7.50 charge. Fifty copies or more sent FREE!

Enclosed is my check made payable to:
U of M WILLIAMS FUND FOR \$ _____

PLEASE SEND CHECK AND REPLY CARD TO:

Williams Fund, B.F.A.B. Room 220G
University of Minnesota
Minneapolis, Minnesota 55455
Phone: (612) 373-4924



PROTECT YOUR FUTURE... ...TODAY

Remember how often you crossed the Washington Avenue footbridges and headed for class. Stopping to talk with a friend...comparing answers to an assignment...making plans for the weekend.

Now, as a member of the Minnesota Alumni Association, you may make long-range plans for your family's future by participating in the Minnesota Alumni Association Group Term Life Insurance Plan. You may apply for up to \$100,000 of coverage...at special group rates.

For a free, no-obligation brochure on this important membership benefit, clip the coupon below and mail it to:

Minnesota Alumni Association
100 Morrill Hall
100 Church Street SE
Minneapolis, Minnesota 55455

Underwritten by The Prudential Life Insurance Company of America

Please send me a free, no-obligation brochure on the Minnesota Alumni Association Group Term Life Insurance Plan.

NAME _____

ADDRESS _____

CITY _____

STATE _____ ZIP _____



MINNESOTA



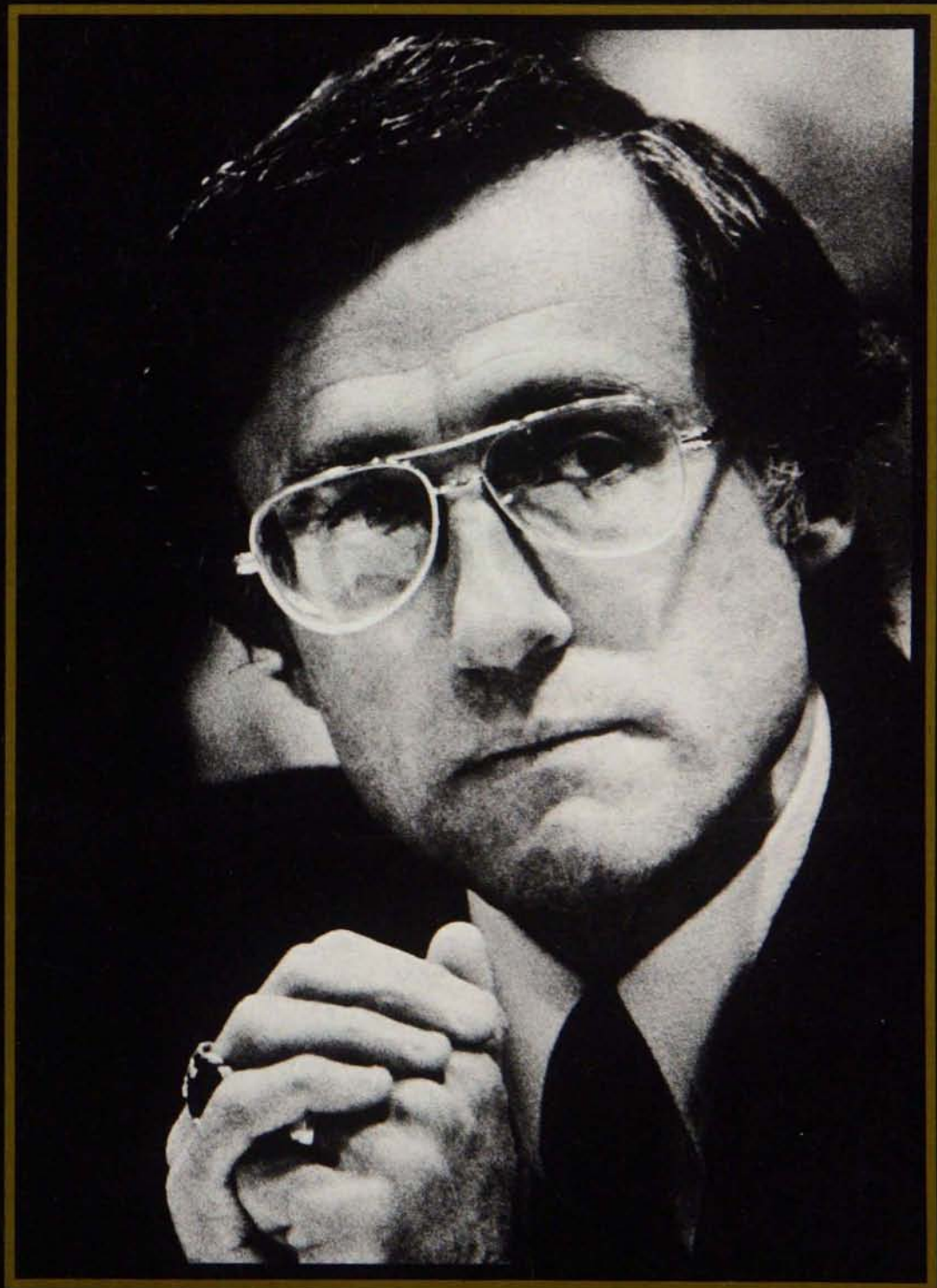
C00000215G1 8808
SERIAL RECORDS
30 WILSON LIBRARY
309 19TH AVE S
MINNEAPOLIS, MN 55455



MINNESOTA

University of Minnesota Alumni Association

December 1981





MINNESOTA

December 1981

Volume 81 No. 4

Contents

Editor

Richard D. Haines, '76

Associate Editor

Chuck Benda

Assistant Editor

Steve Baker

Design Director

Christia Blomquist

Minnesota Alumni Association

Executive Committee

President

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

Vice President

John W. Mooty, '43, '44

Secretary

David Mona, '65

Treasurer

Charles M. Osborne, '75

Members

Thomas E. Holloran, '55

D. Wayne Jimmerson, '42

Viola May Kanatz, '44, '71

Harvey MacKay, '54

Pamela Lind Nichols, '67

Penny Winton, '74

Past President

Ronald L. Simon, '54, '74

Executive Director

Stephen W. Roszell

Minnesota (ISSN: 0164-9450), December 1981, Number 4, is published monthly from September through June, except January and February, by the Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street SE Minneapolis, Minnesota 55455 (612-373-2466). Second-class postage paid at Minneapolis, Minnesota, and additional mailing offices. *Minnesota* is sent to dues paying members of the Minnesota Alumni Association. Member of the Council for Advancement and Support of Education. Postmaster: Send form 3579 to *Minnesota*, 100 Church Street SE, Minneapolis, Minnesota 55455. © by Minnesota Alumni Association. *Minnesota* is a continuation of *The Minnesota Alumni Weekly* founded in 1901.



10 'Less' Does Not Mean 'More'

by Chuck Benda

As President C. Peter Magrath put it: "Some people wondered whether the (University is) crying wolf. If the events in recent weeks have proven anything, it is that . . . the fiscal wolves are big and real, and frankly, they are dangerously close to the University's doors."



15 College Bowl is Back

by Myron Orfield

"The best College Bowlers are disorganized nitwits who are interested in everything from limnology to baseball cards," a recent Bowler said.



19 'We Can See the Flowers'

by Diane Skomars Magrath

The president's partner, a former foreign student adviser at the University of Minnesota, has traveled to Somalia, driven through Mexico, spent time in Morocco, Yugoslavia, Tobago, Australia, Spain, Africa, Iceland, Ireland, Spain, Greece . . . and now China.

Departments

- 4 The Editor
- 5 Letters
- 7 At the 'U'
- 23 Sports
- 25 Minnesota Alumni Association
- 28 Colleges & Schools
- 34 Calendar
- 37 Class Notes
- 46 Once Over Lightly

Cover: The proposed financial cuts facing the University were called, ". . . the most severe crisis in the history of the University of Minnesota," by President C. Peter Magrath. Photo by Rob Levine of the *Minnesota Daily*.

Inside Front Cover: More than 2,500 musicians formed the largest marching band ever assembled earlier this fall. The band was led by Frank "Dr. Ben" Benciscutto, director of bands at the University. The feat was set for the *Guinness Book of World Records*. Photos by Glenn Osmundson ("Dr. Ben") and Sal Skog of the *Minnesota Daily*.

THE EDITOR

Nation's Tops

It was a balmy summer afternoon when a couple of University of Minnesota students — W. M. West and John H. Lewis — leaned back in the hay of Regent Richard Chute's barn and agreed on a plan.

What was needed, they decided, was a newspaper for the 360 Gopher students enrolled at the young state campus.

"The idea grew. Editors were chosen. The faculty was willing. The students eager. Subscription papers were circulated," it was explained in the first issue, which measured 8½ by 12-inches and included 12 pages.

But before it was printed (and late at that) by Davison & Henderson, 243 Hennepin Avenue, a name had to be chosen.

They debated 14 hours.

Such names as "The International Review" and "The Prometheus" and "The Herculean" were dismissed.

"... We have chosen the light, modest, unassuming name, *Ariel*," the editors wrote.

The first issue appeared Dec. 1, 1877. John Lewis was the managing editor.

It was a monthly, then changed to a weekly in 1892, and was issued every Saturday morning. The paper was usually four pages and cost \$1 for 10 issues and had to be paid for in advance.

The *Ariel* struggled along.

Then on March 3, 1900, five students and two faculty members got together, and a new student newspaper, called *The Minnesota Daily*, was begun. The first issue appeared May 1, 1900.

Sidney DeWitt Adams, who later became a lawyer in Lisbon, N.D.,



This was the first issue of the Minnesota Daily. A recent issue shows the dramatic change in layout and content.

was its editor. The paper was sold to students for three cents an issue.

The Daily, though, ran into competition by 1903.

The paper was not doing its job, so a rival edition — *The Minnesota Daily News* — was started. It didn't last long, however.

President Cyrus Northrop called the editors of the two papers into his office and sent them home with one paper — the *Daily*.

Throughout its 81 years of existence, it has won a number of awards, including the most recent one by the Society for Professional Journalists, Sigma Delta Chi.

A few weeks ago at their national meeting in Washington, D.C. they named the *Daily* the best all-around college newspaper in the country.

The *Daily* beat 1,500 other student newspapers and 11 other regional award winners in the national contest.

"The *Minnesota Daily* has long been one of the outstanding student dailies in the region and the country," David Owen, executive editor of the LaCrosse, Wis., *Tribune* said.

Owen, regional director, will pre-

sent the award at a future Society meeting on the Twin Cities campus.

The San Joaquin professional chapter that did the judging put it this way:

"At times it seemed as though comparing the *Minnesota Daily* to other entries was like comparing apples and oranges. The look of the *Daily* is that much different. But while the attempt of many papers to capture that 'different' look often ends in a less than polished product, the *Daily* is a splendid exception.

"The format is clean and eye-catching, the photographs well-taken and well used. It is obvious (that) campus coverage — not wire use — is the overriding concern. And when we looked beyond the pretty face we found the writing equally sparkling."

And as former *Daily* adviser Arnold Ismach, a journalism professor, put it:

"It's a paper which has often been not sufficiently appreciated on its home turf. But year in and year out (it) is a professional product which served the University community extremely well."

LETTERS

Friends Die Same Day

Interestingly enough Roy Wilkins [for more than 20 years leader of the National Association for the Advancement of Colored People] and my husband, Reginald A. Johnson, were boys at the University of Minnesota together, and died on the same day, September 8, 1981.

My husband was a housing expert and former official of the National Urban League, which he joined in 1930. He held numerous key positions during his 38-year tenure.

He was a 1928 graduate of the "U."

Othella Johnson
New York, N. Y.

Editor's Note: According to the New York Times: "He [R. A. Johnson] served in the league's bureaus in St. Louis, Pittsburgh and Atlanta, where he battled both the Ku Klux Klan and the Communists in the 1930s, before being assigned to the organization's headquarters in New York." He became the first national director of housing for the Urban League and was a forceful advocate of open housing measures and laws banning discrimination in housing.

Distinct, Not Different

I would like to commend Chuck Benda and the staff of the *Minnesota* on its excellent and rare piece on General College ("What you Should Know About General College," September 1981). The educational principles and philosophies of General College have long been misunderstood primarily due to the lack of exposure.

Enrolling in General College is

seldom viewed as a last resort but rather an option or alternative comparable to choosing between enrolling in the College of Business or the Institute of Technology. Scholastically, many of the students graduating from General College are on the same academic level as the majority of other University students. In fact, a number of its graduates are members of the various honor societies on campus, including myself, a member of the Phi Kappa Phi. Next, I believe that it is more appropriate to say that the faculty, staff and students of General College view themselves as unique and privileged, rather than "different."

It is a great injustice that General College is the first scapegoat in times of crisis. This vulnerability jeopardizes the very foundation of the entire University.

Francis P. McQuillan, '78
St. Paul

Smarts, Then Sports

In 1927 I played freshman basketball and baseball and I spent many hours in the dressing rooms of the old Brick House.

I bought my first football and basketball season tickets in 1927 and have purchased continuous season tickets for 54 years in each sport. As a 50-year graduate from the College of Pharmacy, I have enjoyed many delightful hours in the two sports.

The past cannot be forgotten but there must be progress. I talked briefly with President C. Peter Magrath at our 50th anniversary in June, and encouraged him and the regents to move from Memorial Stadium to the new Humphrey metro-dome. This move should be made if Paul Giel can get a satisfactory con-

tract between our athletic department and the Metropolitan Sports Commission.

Let us move forward into the next century with the emphasis that Minnesota alumni strive and promote better sporting events at our great University. We must always bear in mind, however, that higher education must come first.

Kermit C. Mattison, '31
Minneapolis

Off the Path

My surname is somewhat unusual. It is of German origin several generations back. If definition of the word is required, it comes nearest meaning "a beaten path." I need hardly comment that in my 92 years I have never misspelled it; others have done it for me.

In the June issue of *Minnesota* there is an example of this, obviously misspelled "Klopsted", which may be understandable but hardly excusable.

During my years at Minnesota, through undergraduate and graduate days and as a faculty member, I was reasonably well known, but those who knew me then cannot be expected to recognize the name nor any person having it, since there is none.

Paul E. Klopsteg, '11
Lauguna Hills, Calif.

Two Sour Notes

I was a recipient of one of your six 1981 Student Leadership Awards, and would like to express

my appreciation of the award program and the award.

I wish to bring to your attention some humorous mistakes in the *Minnesota* magazine's reporting of my award. You claim that I was the "drama major" for the University Marching Band. While it may be a well-kept secret, I was actually the Marching Band's "drum-major" for three years, 1978, 1979, and 1980. I was in the marching band for five years. In 1977 I was a rank lieutenant (as a sophomore), the same year the Minnesota Band went to Mexico City.

The other incorrect information, which concerned me also, was that I am a member of "Tau Beta Phi". Who is Tau Beta Phi? A fraternity? An honor society? I think that you meant "Tau Beta Pi", which is an active national engineering honor society. This is significant to me, because I am in graduate school this year (studying chemical engineering) and am the president of Tau Beta Pi.

Grant Steven Benjamin
Minneapolis

Phantom Strikes

I really enjoyed reading about myself ("The Northrop Phantom," October 1981) and had no idea of the widespread circulation of *Minnesota*.

"Tocatto" is toccata and my doctorate will be in musicology, not organ.

Frank Brocato
Minneapolis

A Paper Sculpture

I'm writing in response to the Stuckman piece ("Catching On and Staying Hot," October 1981).

I didn't think the wild, marvelous spirit of this man could be captured on a flat surface — but it worked! Congratulations.

Geraldine Kozberg
Boston

It was 1907

I wonder if anyone else is around to remember the "Chestnut-Rademacher" touchdown, when Chestnut carried the ball and the other ran interference, down practically the entire length of the field, to score against the Carlisle Indians. It was in 1906 or 1907, and was my first Minnesota football game.

I also remember an occasion when the squad was on the chapel stage, after a brutal defeat, and Dr. Cyrus Northrop, president, opened the usual chapel service by bringing in a huge platter of doughnuts, which he passed on to the members, with no further comment on the results of the game.

Ina R. Rowe, '10
Sun City, Ariz.

Good Magazine

Congratulations on such a fine publication. We here in the public relations office always keep an eye out for alumni magazines from other universities and yours is one of the best I've seen. A job well done.

Frank Raczkiwicz
Carnegie-Mellon University

Clarification

I am listed under the Class of 1940 as a professor emeritus and retired dean at the University of Massachusetts, which is incorrect.

I received my bachelor's in 1925, my master's in 1930, and my doctorate in 1940.

Moreover, I was a professor in the School of Business at the University of Minnesota until 1953, then I was dean at Cornell University until retirement in 1968. After that I took the deanship at Massachusetts for only four years and retired a second time in 1972.

Dr. Helen G. Canoyer, '25, '30, '40
San Francisco

In the September issue under the Class of 1957, the note should have read: Jean (Loomer) Norrbom of Coon Rapids, Minn., is employed by the Mounds View schools as a senior school nurse. She also is president of the School of Nursing Organization of Minnesota.

AT THE 'U'

Union Vote Being Taken

Faculty members on the University of Minnesota Twin Cities campus are deciding whether they will unionize. Ballots were mailed to 2,165 faculty members, who will have until December 28 to mail their votes to the state's Bureau of Mediation Services.

The ballots provide the option of electing the University of Minnesota Education Association or the American Association of University Professors as bargaining agent, or the option of "no agent," which would rule out collective bargaining on the Twin Cities campuses.

In earlier elections on the University's other campuses, the University of Minnesota Duluth Education Association was elected bargaining representative at Duluth and Waseca. The Crookston campus faculty voted against collective bargaining. There has been no election at the Morris campus.

The faculties of the Law School and Twin Cities Medical School voted earlier to opt out of the upcoming collective bargaining election, and will not receive ballots.

The Twin Cities election results are expected to be announced by the BMS on Tuesday, December 29.

A Dome Home Impasse

Moving the Gopher football team to the new downtown domed stadium under the latest terms offered by dome management would cost the University of Minnesota \$175,000 a year — a price tag University officials say is too steep.

University President C. Peter Magrath recently told the Board of Regents that if he were to make a recommendation now on whether the Gophers should play in the dome it would be against the move because of the financial issues.

"While I don't want to speak for the commission," Magrath said, "I suppose it's their feeling they're making an offer we can't refuse. But I think it's an offer we have to refuse."

The latest package offered by the Metropolitan Sports Facilities Commission would allow the University to use the stadium for its football games without paying rent. It would have to pay, however, a 10 percent stadium tax to help retire the debt from bonds sold to pay for stadium construction.

The stadium commission has also told University officials it would not accede to a University request for a share of concession income. The University had asked for part of the concession revenue so that it would not lose money in making the move.

"Although the proposal indicates that we would not have to pay rent in a formal way to play in the new stadium, the fact is that we would have to pay rent," Magrath told the board. Part of the University ticket price would have to cover the 10 percent stadium tax, a fact which Magrath called "a de facto rent."

Income from parking would be lost, along with all concession revenue, he said. The loss of that revenue coupled with the increase in the admissions tax (the University currently pays only a 3 percent city tax) would mean a loss of between \$150,000 and \$175,000 each year, he said.

"I have instructed our negotiators that the bottom line must be one in which the University of Minnesota does not incur additional costs, for

the reason that this would be unjust and that we just can't afford it," he said.

Magrath said he was anxious to continue talks with the stadium commission in hopes of solving the dispute over concessions, but in the meantime the team can easily continue playing in Memorial Stadium for several more years. Within the next decade, however, major improvements would have to be made in the old stadium if the Gophers were to continue to play there.

"Proponents of moving to the dome have made some very persuasive arguments, but \$175,000 a year could make an awful lot of repairs to the Brick House," said St. Paul regent Michael Unger.

Minneapolis regent David Lebedoff said that proponents of bonding for the dome consistently argued for placing it in the downtown location because of its proximity to the University. "I now find it ironic to find an attitude so rigid and so mercenary toward the University," he said. "If it's not a betrayal, it's certainly a departure from those statements."

Several regents said the bill that authorized stadium bonding included language guaranteeing that the interests of the University would be considered. "It was the intent of the supporters and the intent of the legislature that the University play in that dome without cost to the taxpayer," said Minneapolis regent David Roe.

Lauris Krenik, a regent from Madison Lake, said the University should bide its time and continue playing in its own stadium until the terms change. "They didn't get that stadium built \$8 million under budget by being nice guys," he said. "They played a lot of hard ball and they're still playing it. I think we need to give them time to change gears."

The regents also heard a gloomy report on the status of several University building projects for which money has been authorized by the legislature but no bonds have been sold to pay for construction.

Stanley Kegler, vice president for institutional relations, told the board that the state is not expecting to sell any bonds this year for projects authorized during the 1980 legislative session, except for those that have an impact on safety or are energy- or money-saving projects.

A new agronomy building and a building for the Hubert H. Humphrey Institute of Public Affairs and the School of Management are among those for which bonds will not be sold, he said. The delay of those bond sales could have serious consequences for those buildings, Kegler said.

The next possible bond sale would be in February of 1983, which would mean construction of the \$17 million agronomy building could not begin before April of 1983.

If that schedule is held to and construction costs continue to rise in the interim, "We are likely to lose a fifth of that building," he said. About 40 percent of the original plan for that building had already been eliminated to keep the price under \$17 million, he said.

Bonding for the \$190 million hospital building and remodeling project will be handled separately, however, and is expected to go ahead. Donna Ahlgren, coordinator for the project, told the board that project "is on schedule and under budget."

"Right now, based on the interest rates in the market, we are convinced we can proceed with the project," Clifford Fearing, Hospitals controller, said.

Lyle French, vice president for health sciences, said the hospital renewal plan is flexible enough to handle changes in the economy and other factors. "With prudent man-

agement, we can accommodate just about any change. We've had good management of this hospital for more than 70 years, and we've always been in the black."

Hospital officials hope bonds can be sold in February of 1982 to finance the project.

Enrollment: New Record High

Student enrollment at the University of Minnesota this fall has reached 58,903, surpassing last year's record fall quarter enrollment of 58,705.

Figures released by the Office of Admissions and Records show little fluctuation from last year's figures at any of the five campuses.

Enrollment at the Twin Cities campus increased by 41 students to 47,427. Of that figure, 26,324 are men and 21,103 are women. The College of Liberal Arts remains the largest unit, with 17,983 students, an increase of .5 percent over last fall. Enrollment in the Institute of Technology on the Twin Cities campus increased 5.6 percent, from 5,652 to 5,969.

The number of new students is down 676 from last year. Recent high school graduates entering the University total 8,898 this fall; last fall 9,071 new high school graduates attended. At the Twin Cities campus 5,632 new high school students are enrolled — a 2.6 percent decrease from last fall.

Morris campus enrollment increased 4 percent, from 1,624 students last fall to 1,690 this year. At Duluth, the student population grew 1.7 percent, from 7,393 to 7,524; Crookston's enrollment decreased 1.5 percent, from 1,179 to 1,161; and enrollment at Waseca decreased 1.9 percent from 1,123 to 1,101.

"Whatever satisfaction we might take in the enrollment figures is tempered by the unprecedented

fiscal challenges confronting the University," President C. Peter Magrath said.

"You simply cannot teach more students, conduct more research and provide more community service with fewer dollars," Magrath said. "Nor can you attract and retain a first-rate faculty without providing adequate salary increases. That, in effect, is what the University has been called upon to do."

Last year the University suffered a \$14 million mid-year cut in its budget because of the state's fiscal problems. Magrath said if the University experiences a similar budget cut in the coming months the Board of Regents would have to consider limiting enrollment, reducing research and services, and eliminating entire programs.

"There is only so much you can expect from a faculty that has not received a salary increase for the past 16 months, that has enjoyed a salary increase equal to the rate of inflation only once in the past nine years, and that, over the past decade, has suffered a 20 percent erosion in purchasing power while the average Minnesotan's has increased by 8 percent," Magrath said.

New Home for Pharmacy, Nursing Open

A new ten-story building housing the College of Pharmacy and School of Nursing is open on the University of Minnesota Minneapolis campus.

Called Unit F until an official name is chosen by the Board of Regents, the \$22.9 million concrete block structure contains 108,000 square feet of teaching, research and office space.

Located on the corner of Washington Avenue and Harvard Street, the futuristic-looking building is connected to the rest of the

health sciences complex through a system of indoor walkways.

Construction began in November 1979 although planning for the facility began more than a decade earlier. Funds came from a variety of sources, including the state, the federal Department of Health and Human Services and donations from professional pharmacy and nursing groups.

"This is a quality facility," said Lawrence C. Weaver, dean of the College of Pharmacy. "Now, for the first time, our faculty is housed together in one place in the health sciences complex" rather than in five buildings throughout the campus.

Unit F is the first facility designed specifically to meet the needs of the College of Pharmacy. Since its establishment by the state legislature in 1891, the college has occupied space in buildings constructed for other purposes and then renovated to meet the expanding needs of the pharmacy program. Until relocation to Unit F, the majority of pharmacy laboratories and offices were located in Appleby Hall on the main campus.

The College of Pharmacy occupies space on all but two floors of the new building. In addition to larger and better-equipped laboratories, Unit F offers a greenhouse on the roof for the growing of plants used in pharmacy courses in medicinal chemistry.

"This is a highly functional building with phenomenal classroom and research capability," said Ellen T. Fahy, dean of the School of Nursing.

After 50 years in Powell Hall, the nursing school began its move into Unit F last January. Like the College of Pharmacy, the nursing school outgrew its quarters as the student population increased. The nursing school faculty was previously scattered in three campus buildings.

The majority of nursing space is

located on the fourth, fifth and sixth floors of Unit F. The 33,260 square feet of space is nearly double the space that was available in Powell and associated buildings.

The new quarters contain a 20-bed simulated hospital intensive-care ward for teaching and two large research suites, one designed for behavioral/environmental studies, and the other for animal/physiological research. Other new features include a conference center and eight fully equipped laboratories.

The College of Pharmacy and School of Nursing also share some common areas, including a 1,000-locker student lounge and a faculty-staff lounge. The building contains an open five-story stairway with a view of a landscaped courtyard.

The October dedication of Unit F came 48 years to the month after dedication ceremonies for Powell Hall in 1933. The old nursing school and dormitory building was razed in September to make room for a new addition to the University Hospitals' complex.

Powell Hall's giant fireplace mantle and cupola were salvaged, however. The mantle will be placed in the lobby of Unit F's suite of administrative offices, and the cupola will be placed in the courtyard of the new hospital once it is completed in 1985.

Bush Foundation Gives \$900,000 for Faculty Study Leaves

The University of Minnesota has been awarded \$900,000 from the Bush Foundation for faculty development.

For each of the next four years, the grant will be used to support sabbatical leaves for 25 to 30 mid-career tenured faculty members. Those who teach undergraduate

students and whose sabbatical work plans show a definite contribution to undergraduate education at the University will receive up to 40 percent of their annual salary in addition to the normal sabbatical half salary. The Bush program will also provide up to \$1,000 for the faculty member's travel expenses.

The proposal for the grant was made by President C. Peter Magrath and Kenneth Keller, vice president for academic affairs. Magrath said he was "delighted" with the award. "Nothing is more important to the vigor and excellence of our University than the intellectual vitality of the faculty," he said. "I am very pleased with the opportunity this presents to contribute in a meaningful way to our immensely important undergraduate teaching mission."

Keller said the grant award will enhance the link between faculty members' scholarly work and undergraduate teaching. The Bush-supported sabbatical leaves could result in new undergraduate honors seminars, research projects, special senior-student projects, and new or revamped undergraduate courses, he said.

Award winners will be selected by a faculty committee. The first awards will be made for the 1982 academic year. The University will eventually take over financing the project through internal budget reallocation.

The Bush Foundation has also announced a \$542,972 four-year grant to the Center for Health Services Research in the School of Public Health. The four-year old center, directed by Dr. John E. Kralewski, conducts research and gives technical assistance to state agencies, legislative bodies, hospitals and health care planning groups. The center plans to use the money to complete its research staff and to set up a formal program of health policy analysis for state agencies.

A N A L Y S I S

by Chuck Benda

"The University of Minnesota is the single greatest center of creativity in our state," President C. Peter Magrath told the Board of Regents. "The students it educates, the ideas it generates, and the medical, scientific, agricultural, and economic activities it stimulates represent an enormous resource that contributed directly to the economic and intellectual and cultural life of Minnesota. A state of Minnesota without a vibrant and healthy University of Minnesota will soon be a poor state — both in mind and body."

The University faces a possible eight to 12 percent reduction in state appropriations because of a state deficit of more than \$700 million.

Gov. Al Quie has asked the University to slash \$72 million from the budget, "the largest reduction ever imposed upon any institution of higher learning in the history of the nation," Magrath said. The legislature is debating the proposed cuts.

The president called the financial dilemma "... the most severe crisis in the history of the University of Minnesota."

Associate Editor Chuck Benda has taken a look at that crisis and the following is his analysis:

Across the state, across the nation, the current cold economic climate has precipitated a series of shortfalls in state budgets that has led to enormous cutbacks in state appropriations to higher education. At Michigan State University the 1981-82 budget was cut by \$16.9 million, or nine percent, in April. Declaring a state of fiscal exigency (the legal term for an imminent financial crisis of proportions that are threatening to the survival of

the institution as a whole — and the only circumstances under which tenured faculty members can be dismissed), the president and trustees announced that 368 employees, including 108 tenured or tenure-track faculty members, might lose their jobs. At the University of Washington in Seattle, a \$33 million cut in its two-year operating budget forced that institution to declare a financial emergency—the first in its history—and threatened hundreds of jobs. State colleges, in Idaho, Kentucky, Ohio, Massachusetts, and other states have been confronted with similar problems. Coupled with the Reagan administration's record cutbacks of \$41.4 billion in federal aid to education, research, arts, and humanities, these shortfalls threaten the very existence of higher education as we know it.

In Minnesota, faced with a \$768 million shortfall in the state budget, Gov. Al Quie asked University President C. Peter Magrath and the Board of Regents to prepare plans identifying possible budget cuts of eight, 10, and 12 percent — roughly equivalent to \$37, \$47, and \$57 million — during the 1981-83 biennium. In a bold and unprecedented move, Magrath and the Regents rejected Quie's proposal, stating that it would be impossible to absorb such enormous cutbacks without placing the University in a state of fiscal exigency and irreparably damaging its ability to "continue serving the state as major contributor to its economy and to its cultural and intellectual vitality."

At an emergency meeting of the Board of Regents called to respond to Quie's proposal, Magrath said, "The issue is no longer belt tightening; the issue ... is the amputation of the very arms the

University uses to contribute to the State and its economy."

Magrath said that cutbacks in the magnitude of \$37 to \$57 million would require "nothing less than: the radical termination of up to 1,000 faculty and 1,500 staff; the setting of enrollment limitations affecting up to 11,600 students; and/or the imposition of tuition increases of up to 55 percent." He added that the University could absorb cutbacks of up to \$10 million without totally impairing the University's ability to operate, although such cutbacks would have a negative impact.

Quie called a special session of the State Legislature to deal with the state's financial difficulties, and at present, it is not known how much the University's budget will be cut. It seems certain, however, that the University will be forced to absorb a significant portion of the state's shortfall. How that will affect the University remains to be seen.

The magnitude of cutbacks at Michigan State (9 percent) is roughly equivalent to Quie's proposal for the University of Minnesota. The pandemonium at Michigan State that followed the April announcement of cutbacks is enlightening in view of the current dilemma in Minnesota. Faced with lay-offs, elimination of certain colleges, budget cuts of up to 40 percent in some departments, and 11 percent tuition increases, the students, alumni, faculty, and staff responded with more than 10,000 letters supporting threatened programs, demonstrations and sit-ins, lawsuits, and a call, by some, for the removal of the administration.

Associate professor Michael Rubner, quoted in a story in the *Chronicle of Higher Education*, said, "We are angry, outraged, and absolutely disgusted with the ad-

'Less' Does Not Mean 'More'



Students stood on a pedestal near the entrance to the state Capitol while holding "Save the University Rally" placards.



More than 1,000 protesters, mostly students, took over the steps of the state Capitol in St. Paul to voice their anxiety over proposed University appropriation cuts. The group gathered at noon December 2.

BOB LEVINE

ministration." Roy T. Matthews, professor of humanities added, "It will take five years for the university to recover from the last few months, and it may never be the same as it was."

Michigan State was able to avoid wholesale lay-offs of faculty through attrition and by offering a bonus equivalent to two years' salary to faculty members whose jobs were threatened if they would leave immediately. However, the cost was extraordinary in terms of the quality of faculty members who left and the air of job insecurity that now jeopardizes Michigan State's ability to hire quality faculty members.

Regardless of how much the Minnesota state legislature cuts the University's appropriation, the cuts will have a negative impact on the University, and on the state of Minnesota. The University employs more than 31,000 Minnesotans, who in turn have a total impact of more than \$1 billion on the state economy. It would seem that excessive cuts of the University budget at

a time when the state economy is floundering would be a classic example of being penny-wise and pound-foolish.

Regent Lauris Krenik likened such drastic cutbacks by the state to the shortsighted efforts of a farmer who consumes all of his seed corn to make it through a hard winter, only to find, come spring, that he has no course of recovery for the following years. Krenik's homespun philosophy brought a murmur of laughter from the packed board room, yet the analogy rings true.

In a recent speech before students at the Columbia University Business School, former Vice President Walter Mondale outlined a four-point blueprint for reviving the nation's ailing economy. Two of his four points called for a reversal of the federal government's cutbacks in aid to basic research and education. Locally, a special task force on technology-intensive industries, created by the Commissioner of the Minnesota Department of Economic Development to identify oppor-

tunities for economic growth in the state, cited improvement of the state education system as one of five necessary actions for further growth in technology intensive industries.

Are we eating our seed corn? Are we reducing state appropriations to higher education at the precise moment we should be increasing our support?

The University of Minnesota annually receives approximately \$90 million in federal research grants and contracts. This money creates roughly 6,000 jobs, half of which are outside the University system. In turn, these jobs provide millions of dollars in state income and sales tax revenue.

The impact of the actual research on the state economy is many times greater. Although impossible to calculate precisely for all areas of research, agricultural research and Agricultural Extension Services boost the state agriculture industry

by more than \$1.5 billion annually. A process for recovering useable iron ore from taconite came out of research conducted at the University and led to the \$2 million-a-year taconite industry. Research in forestry has developed hardier, more productive seedling stock to help replenish dwindling forest resources.

Critical to the utilization of any of our natural resources is the development and education of human resources. This is perhaps the area in which the University makes the greatest contribution to the state economy.

Two out of three of the scientists involved in Minnesota's \$2-billion-a-year, high-technology industry have been educated at the University of Minnesota. University graduates and faculty from the Institute of Technology have been instrumental in starting 44 technologically-intensive businesses. Large corporations such as General Mills and Pillsbury, whose main business in Minnesota is administrative, rely on the well-educated work force that has come out of the University. Because of its reputation as a research institute, the University attracts some of the brightest scientists and educators from around the world, adding to, and — by sharing their knowledge and experience — multiplying the human resource.

These people share their expertise with the people of Minnesota on a regular basis and a large scale. Two thirds of the College of Education faculty members advise and act as consultants to the Minnesota school systems. The faculty from the Institute of Technology spends between 200 and 600 hours each week providing *free* consultation services to businesses throughout the state. School of Management faculty members provide *free* expert advice to businessmen and administrators in both the public and private sector. University faculty members serve on more than 40 state government commissions,

agencies, and task forces. They offer technical expertise and advice to agencies such as the state planning agency, the Department of Natural Resources, and the State Supreme Court.

The quality of education at the University, and the impact it has made on the rest of the world, is evident, in part, in its alumni. Norman Borlaug, Hubert Humphrey, Walter Mondale, Harry Reasoner, Eric Sevareid, Christiaan Barnard, Jeannette Piccard, and thousands more have made immense contributions.

Less pragmatically, the University greatly enhances the quality of life that we enjoy as Minnesotans. "Its (the University's) cultural and intellectual activities have enhanced the quality of life in every corner of this state," President Magrath said. An advertising supplement by Minnesota Wellspring in the October 1980 issue of *The Scientific American* cited the University of Minnesota for its role in creating a social and business climate conducive to successful enterprise, pointing out that, despite certain physical and geographical disadvantages, four out of five new businesses succeed in Minnesota, compared to one out of five nationally. National recruitment advertisements for Minnesota's major corporations almost always boast of the cultural opportunities we enjoy, many of which are directly attributable to the University. Northrop Auditorium brings the Metropolitan Opera, the American Ballet Theatre, and scores of other cultural events to Minnesota each year.

More than 150 University outreach programs provide assistance to Minnesotans at little or no direct cost in areas as diverse as health care, small business management, farm management, and home economics.

It is important to underscore the contribution the University makes to the state, although few would argue that this contribution is not

significant and indispensable. There are those, however, who see the University as some sort of fat cat that could easily afford to eliminate a college or two here, a dozen or two faculty members there. They see a \$476 million state appropriation, \$90 million in federal grants, 55,000 students paying tuition, and they think, "What's \$57 million to the University? Times are tough all over. We've all got to tighten our belts a little bit."

"People like that don't know what they're talking about, largely," David Berg, director of Management Planning and Information Services, said. "There's very little waste in the budget. When you have 26,000 employees, it's inevitable that you'll have some waste. I would not claim that there are not things that we can't cut out. Of course there are. But in general, it isn't fat. It means that you just stop doing certain things."

Perhaps the one thing we all lose sight of when money is short is that the University was created as a land-grant institution, and that as such, its main mission is to provide affordable, quality education for the people of Minnesota. If continued budget cuts so strain the University's economic well-being that it must hike tuition out of the reach of the average citizen, turn away thousands of prospective students, and decrease the quality of that education, then it is failing in that mission.

"In 1980," Magrath said, "the University absorbed the largest single cut imposed on any state-funded operation — in excess of \$14 million. In almost every year since I have been here, the University has accepted retrenchments of one kind or another, or reallocated resources.

"What hurts and affects one part of the University hurts and affects all parts," Magrath said. There are no "disposable" colleges or schools within the University. General College is often cited as a readily dispensable arm of the University, be-



TOM FOLEY

In a recent meeting of the Board of Regents, Chairwoman Wenda Moore led a discussion of budget cuts facing the University.

cause it duplicates to some extent the services offered by our community colleges. However, aside from the fact that it is a revenue-producing college, it provides a type of support service to other colleges. Without General College, IT and other colleges would have to develop programs of their own to provide remedial classes for students who might be brilliant mathematicians or physicists, but have problems in other areas. Toss out General College and you are tossing out future Norman Borlaugs.

Perhaps the University can absorb another \$10 million cut without "totally impairing the University's ability to operate," as Magrath said, but what happens next year, and the year after? Adjusted for inflation, state appropriations to higher education in Minnesota have dropped 11 percent in the last two years. Only eight states in the nation have worse track records. We already have problems keeping the faculty members from jumping to private business where they can often double their salaries.

If we lose our best faculty members, if our strong departments become crippled by a lack of support services and staff, if we continue to

"eat our seed corn," sacrificing the quality of higher education and our investment in Minnesota's future, we may find ourselves with a University with no arms and legs and a state economy beyond repair.

In the past, Minnesota has relied upon three major resources: its forest, iron ore, and good farmland. As these resources become depleted or maximally utilized, we will need to turn elsewhere. We must learn to develop other resources, both natural and human. We need the University to play an instrumental role in that process . . . to be there to solve future problems the state may encounter.

"Around 1900, people studied cathode rays," Marvin Marshak, a University physics professor, said. "They made what they called cathode rays. They had little filaments in there and they had little electric fields and they made little spots on florescent screens. They didn't realize that this was going to cash into some multi-million dollar business. They were interested in studying cathode rays . . . so they did. This is what we call basic research. Then, during a period of 25 years or so, this knowledge cooked, so to speak. Around 1930 somebody

said, 'Hey! We can make this into television.'"

A year ago, Marshak spoke before the Board of Regents to explain the way basic research pays off:

"When I was a kid, I remember going on one of those school trips to a Wonder Bread bakery. They had a conveyor belt with pans on it. They threw the dough into the pans and the conveyor belt took them into an oven. It took an hour for the bread to go through the oven.

"With an oven like that, if you stop putting pans in, for the next hour the bread keeps coming out and you get to eat. And there's always a tendency, if you're being short-sighted, if you're worrying about today's prices, to say, 'Well, look. Let's not put pans in the oven for a while.'

"Meanwhile, things keep going. The problem is, after an hour, the bread stops coming out. Then if you start putting the pans in again, you have to wait an hour for them to come out. Basic research is like that, except that the oven takes 25 to 50 years. If you stop doing basic research, you'll still keep getting the technology out for 25 to 50 years, but when you start it up again, it's going to be another 25 to 50 years before you get it out again.

"The same analogy could be applied to the 'U' as a whole. You have cutbacks, you lose faculty, you close colleges, and the University keeps on running. But when you decide to turn it back on, you're not going to be able to do it."

Is it not time to pay the price for the quality of life we value so highly? Is it not time to invest in the future of our University and our state? Instead of claiming to be a victim of the nation's economic illness, why not find the courage to become a national leader in recognizing that the education of our human resources is vital . . . essential . . . at any cost?

One day we may discover that there are no more loaves of bread coming out of the oven. **■**

COLLEGE BOWL IS BACK

by Myron Orfield

After a 10-year absence, College Bowl is back at the University of Minnesota and the Gophers are again fielding a squad set to do battle with the best of the country's college trivia experts.

Born into the 1950s, the decade of frisbees, fishbowls, and telephone booths, College Bowl was haughtily conceived as a sort of "varsity sport of the mind." In principle it pitted two four-person teams against each other in a battle of wits testing general knowledge in the fields of history, science, art, language, music, geography, and assorted trivia.

The rules were and are simple. The questions are divided into two types: 10 point tossups and bonus questions worth from 20 to 30 points. Individual players compete to answer the tossups thereby enabling their team to receive a bonus question.

Given this fast-moving format and America's love of anything competitive from spelling bees to weightlifting, College Bowl soon acquired a devoted following throughout the nation and it wasn't long before a young Allen Ludden began hosting the CBS radio program "College Quiz Bowl."

Throughout the early 1950s competition was dominated by the



College Bowl returned to the radio airwaves in 1976 on CBS's "Game of the Week." the 1981 version of Minnesota's College Bowl team features, from left, Mike Green, Myron Orfield, Bob Maranto, and (not pictured) Bob Dahlie.

CHUCK BENDA

strong, established powers of the Ivy League and it was in the late summer of 1953 that Ludden, hoping to find a strong Midwestern team, arrived in Minnesota to talk with Dean Bouchta.

Bouchta, at first slightly worried about associating the University with the questionable atmosphere surrounding a game show, was soon sold on the idea by Ludden. "I thought it sounded like a lot of fun and believed we had the youngsters to match up with any college," Bouchta said.

In the early years of College Bowl at Minnesota, Bouchta was instrumental in shaping the young team. He and his staff searched through University records to choose a group of 50 students who were invited to tryout. After rigorous quizzing given by a group of professors, the field was narrowed to 15 and later to five: Jack Davies, Collen Helgeson, Roger Feinstein, Thomas Clayton, and John M. Leivestad as alternate.

Clayton, now a professor at the University, said, "I remember being quizzed by Professor Ziebarth with 30 or so others, all of us raising our hands as fast as we could. It was an extremely exciting time." When asked what he had gained from his College Bowl experience, Clayton replied, "It was not so much a ques-

tion of personal gain for me as of collective gain for the University. For a pretty small scale project College Bowl generated a lot of enthusiasm and pride."

In 1954, their first year, the University won eight straight and in 1955, with Charles Moltke, Joseph Shechtman, Eleanor Vaill, and Colleen Nelson, set a record of 12 wins and one tie.

By the late 1950s College Bowl had moved to television and was growing rapidly in popularity, with almost every college campus having its own resident group of trivia experts. During this period with a plethora of teams only the most competitive were invited to play on the General Electric College Bowl Show.

In 1959, under the leadership of Robert J. Ames, associate professor of Interdisciplinary Studies, the University fielded an unusually good team. They were Donald Spiser, Jerrold Dion, Henry Weber, James Thompson, and as alternate, future reagent of the University, David Lebedoff.

"It was really very competitive," Lebedoff said. "Sputnik had just gone up and there was this whole thing about catching up with the Russians. Several hundred students went out and we spent several weeks in the selection process tak-

ing tests and having professors keep charts of our response time — it was amazing."

In that season the University soundly defeated Barnard and Davidson colleges and the U.S. Air Force Academy only to be defeated by Goucher College, 140-125.

"I still remember the last question in the Barnard match," said Lebedoff. "... if one was going from Zagreb to Zanzibar which direction would they be heading? It was southeast."

Asked if there was anything he got out of playing College Bowl, Lebedoff said, "A free trip to New York and a lot of happy memories."

By the mid 1960s, with its questions growing more complicated and obscure, College Bowl was approaching the level of fine art. Early in 1966 Robert L. Scott (then and now University professor of speech-communications) was placed in charge of fielding a team.

"Somebody from Morrill Hall in public relations — I don't think they call it that anymore — came over and asked if I was interested in doing this. I figured 'why not', it would be fun, but the first thing I knew I was besieged by 103 applications."

Scott responded by developing a massive questionnaire of some of the most tantalizingly difficult

Bet You Can't Get All Five Right

It's hard not to play along with a good quiz show. Somehow it tweaks the competitive spirit in us all. When a contestant misses an easy answer, some can't keep from saying, "I knew that. They should let me take a crack at it."

Just how good are you? These questions will put you to the test.

1) In the book "The Scarlet Letter," Hester Prynne was forced to wear the letter "A" for being an adulteress. Who was her husband?

2) The Norman Conquest was recorded in one of the most unusual historical and artistic documents of the Middle Ages. What is the name of the work of art that recorded the Norman Conquest?

3) What do Warner Oland, Sidney Toler, Roland Winters, and Peter Ustinov have in common in their film careers?

4) In 1967, this baseball player was named "Rookie of the Year" in the American League, despite having played only part of the season. Since then he has won seven American League batting championships. Who is he?

5) A group of pigeons is called a flock. What do we call:
a. a group of whales?
b. a group of lions?
c. a group of larks?

Answers on page 42.



UNIVERSITY ARCHIVES

The 1967 General Electric College Bowl Team featured Phoebe Seilin, Keith Nier, Clarence Anderson, and Dick Cox.

questions known to the world of trivia. Here's a sample:

Christine Keeler is associated with:

- A. Haymarket riot
- B. "Barnridge" tea party
- C. Lord Home plot
- D. Profumo scandal

or

The cireperdue technique is used in the art of:

- A. Painting
- B. Ceramics
- C. Sculpture
- D. Glass blowing

Thinking certainly that he had outfoxed them (If you answered Profumo scandal and sculpture, you're still in the running) Scott was astonished to find nine individuals in the 90 percent category.

"We are delighted with them and will back them against any group in the country," Scott said.

Through the use of an all-star alumni team and another team composed of local reporters called the "Newshawks," Scott staged endless practice competitions using an electronic light and buzzer set he called "the monster."

In this way the team was finally honed to a manageable five: Phoebe Seilin, Clarence Anderson, Richard Cox, Keith Neir and, as alternate, Craig Jones. Sadly enough the fates were not with Minnesota in 1967 and they were vanquished by a strong team from Boston College, 305-180.

"I thought we were great," said Scott, "and when we lost we were all a little disgusted because we knew the answers but either couldn't get to the buzzer fast enough or were too cautious to gamble. I remember during the try-outs we had this genius of a fellow that if given time could answer any question, but when put behind the buzzer just didn't have that gambling spirit. Caution in College Bowl just doesn't pay."

By 1968 College Bowl had been in existence for more than 15 years, had given away \$782,000 in scholarships, and was hailed by one U.S. congressman as "one of the most extraordinary and beneficial combinations that (has) arisen from the American culture."

Yet as the decade began to close,

the country moved deeper into a period of campus unrest. As the barricades went up on Washington Avenue and protests flourished throughout the nation, College Bowl faded almost unnoticed.

The show was withdrawn by College Bowl Inc., because, said one spokesman, "the corporation was being restructured." Whether this was the underlying reason or not, in this period of social and cultural protest, College Bowl, for a time, had lost its relevance.

Yet throughout the following dark age there remained a spark of hope and in 1976 the Association of College Unions persuaded College Bowl Inc. to set up the old program. Fittingly enough, it began again as a radio show in the form of the CBS Radio "Game of the Week" hosted by Art Fleming of "Jeopardy" fame.

Throughout the late 1970s College Bowl again began to flourish and by 1980 more than 550 colleges and universities were competing.

It was in this climate that the University of Minnesota, alma ma-

ter of Thomas Clayton, David Lebedoff, and Clarence Anderson, and the seat of such trivial preeminence, found itself without a team.

That situation was soon remedied by Bob Maranto, a member of the fifth ranked University of Maryland team, who had come to Minnesota for graduate study in political science. "I was appalled that the University of Minnesota, with its size and academic reputation, was without a team. They were letting smaller colleges like Carleton dominate the area."

Maranto placed an ad in the College of Liberal Arts honors division newsletter.

Maranto and others realized that the deadline for registration for 1980 was approaching so they frantically set about to increase membership and gain some sort of financial support.

Their first problem? How were they going to acquire a team. The easiest way would be to go to the University records and look for academic leaders. Maranto knew this would not work, however. His experience told him that the prospectively successful College Bowl student, while generally a good student, was sort of low key academically and generally interested in a great variety of things often only tangentially related to his or her area of study. "The best College Bowlers are disorganized nitwits who are interested in everything from limnology (fresh water biology) to baseball cards," Maranto once put it.

Another fallacy is that people associate ability at College Bowl with great intelligence. While College Bowl requires quite a bit of general knowledge, it demands, with the exception of a few simple math problems, no real interpretation of data, but rather a sort of regurgitation of facts and figures. Familiarity in many areas, a good mem-

ory, and the ability to hit the buzzer quickly are the key factors of success.

In the intervening time three things had happened: 1) they acquired a coach, Kinley Brauer, professor of diplomatic history; 2) Carleton issued a challenge; and 3) they acquired the sponsorship of the newly formed West Bank Union.

Ron Krumm, director of the West Bank Union, stated the Minnesota union's position on College Bowl. "We were very excited about having a College Bowl team here at Minnesota and felt it was the kind of program that was worthy of our investment. It will provide beneficial competition on three levels; local, regional, and, with luck, national."

The help of the West Bank Union was a godsend. College Bowl is a deceptively expensive activity. To compete on a national level a minimum registration of \$300 is required. It also is mandatory that official questions be purchased from College Bowl Inc. at \$30 a game. On top of this there are travel expenses.

At this point Maranto suggested that the best way he knew to field a team was to have an intramural tournament. It had been successful at Maryland and at this point they were open to suggestions.

With the help of the West Bank Union, Kinley Brauer and his wife Barbara Brauer, the tournament ran smoothly and shook the trivia nuts right out of the trees. Competing were such groups as Saraswati (Swahili for wisdom) and the Doomed Repeaters, a group of graduate students in history. The competition was fierce, but also fun, and with a turnout of 15 teams and more than 60 people they had ample recruiting material.

Following the tournament they assessed the recruits and pulled

together what they thought was a strong team to meet Carleton.

The new team members are: Bob Dahlie, a sophomore business major whose areas of expertise are sports, science and those tricky little arithmetic problems; Mike Green, a junior majoring in geography, who seems to know every river on earth and every community with more than 6,000 residents; Bob Maranto, a second-year graduate student in political science whose specialties are politics, literature, and geography; and Myron Orfield, a junior in history with interests in history, movies, current events, and art.

The new squad embarked on the urgent preparation necessary for the upcoming match. Maranto and Brauer quizzed the team with questions from Maranto's days at Maryland. As the days passed, the team began to solidify.

On the day of the match against Carleton, they felt strong, but certainly not over-confident. They faltered at first, losing the first game, but then came back strongly to win the next three, taking the first match against an established power.

Although it was only one match, they were encouraged because they were invited to a radio tournament in California in January. Whether they attend depends on their ability to raise expenses.

Their prospects look bright. The team improves weekly, West Bank Union has renewed its sponsorship, and it looks as though they will be able to compete. Looking back, they realize they have a reputation to live up to. **M**

College Bowl team member Myron Orfield said he got hooked on the game in high school. He also serves on the Minnesota Alumni Association Student Board. The MAA will sponsor the Bowl's CBS radio appearance Jan. 28, 1982.

'We Can See the Flowers'

Story and Photos by
Diane Skomars Magrath

University of Minnesota
President C. Peter Magrath and
Kenneth Keller, vice president
for academic affairs, led a dele-
gation to China September 12
through October 2 to review
potential research activities.

Others in the delegation included
Chun-Jo Liu (already in China);
Charles Campbell, associate profes-
sor of physics, and Martha Camp-
bell; Fred Lukermann, dean of the
College of Liberal Arts, and Bar-
bara Lukermann; Dr. Paul Quie,
professor in the Department of
Pediatrics; John Serrin, Regents
Professor of math, and Barbara
Serrin; Bonita Sindelir, assistant
University attorney; John Turner,
Regents Professor of political sci-
ence; and Diane Skomars Magrath.



The president gave these two children a Gopher. They, in turn, presented flowers. The exchange took place at Jilin University of Technology at Changchun.

The following are selected notes
from Diane's China diary:

September 14, Beijing (Peking)

Our Minnesota delegation of 13 met our official host, Vice President Feng De Pei of the Chinese Academy of Sciences, at a

tea ceremony. CAS is not directly a government agency but is a prestigious research institution that was formed the same year as the People's Republic of China (1949) and oversees both applied and basic research. Its funding, of course, comes from the government.

When Peter mentioned that the University of Minnesota was visiting the People's Republic of China to "sow educational seeds," Vice President Feng replied, "The seeds are already sown and we can see the flowers. It is important to tend to that which is planted."

Later at a dinner of 10 courses including Peking duck, Mautai, and cold almond soup, I learned that Vice President Feng has a family in Minnesota and, indeed, his granddaughter attends school with our seven year old, Mo.

September 15, Beijing

Dr. Paul Quie, Marty Campbell, Barbara Serrin, Bonita Sindelir, and I visited the Peking Children's Hospital. We were given a tour of this comprehensive hospital, which uses a combination of Western and Chinese style medical treatment. Acupuncture was demonstrated. We saw needles applied to a small boy who never flinched (Just me.)

Paul was like a Pied Piper, with children following him to claim a toy or button he was distributing or to have him examine them. The highlight was to see the faces of the hospitalized children who struck the Gopher piñata we brought from Minnesota to have sweets and play things fall out for them.

When the children first saw Paul Quie, they said: "What big eyes he has!" and "Here comes a grandpa."

In the evening I met Alan Alda in the lobby of the Peking Hotel. My friends at the American Embassy said he gave a speech in Chinese to a group later that night. (Maybe we could make him an honorary alumnus.)

equally at home. Women are expected to work outside the home. Children are raised in centers run by factories, neighborhoods, and institutions. Married couples are expected to have one child and one child only.

Later I read an interesting article in the *China Daily* that suggests that China may have some difficulties it hadn't anticipated raising a nation of only-children. (This trend would make a fascinating sociological study.)

The entire delegation was re-

goods and the government cannot keep up to the demand. Peter presented him with a recording of the Minnesota Marching Band in China.

In the evening we hosted an alumni reception for 125 University alumni and friends. Ken Keller introduced the program and Peter made appropriate remarks. We all sang the "University of Minnesota Rouser," a moving experience. Professor C. J. Liu, who had served two years as University of Minnesota liaison in China, was presented with a "Regents Certificate of Appreciation" for her special efforts on behalf of the University.

Ken presented lifetime Minnesota Alumni Association memberships to Dr. Kwei-Wu Wang of the People's Republic of China, department of agriculture, who graduated from the University of Minnesota in 1940 with a Ph.D. in agronomy and a minor in botany; and to Pei-sung Tang, director of the Institute of Botany, who graduated in 1927 with a B.A. degree, magna cum laude, in botany. They were the oldest University graduates present.

Peter was on television that evening representing the University at the opening of the pest control exhibit along with Professor H. C. Chaing and others.



In exchange for a free Polaroid portrait of himself—something he had never seen before—this man from Beijing agreed to pose twice; once for the Polaroid and once for Diane Magrath's 35mm camera.

September 16

The women of the delegation visited the Women's Federation of China, which is the major organization for all Chinese women and is closely tied to the government of China. Their goal is to make men and women equal in the work force, at home and in society. The Federation investigates discrimination allegations and reports its findings to the Chinese government. Men are expected to share the work

ceived in the afternoon in the Great Hall of the People by Vice Premier Fang Yi, a member of the Politburo of the Chinese Communist Party. He told us that the political situation in China is steady despite rumors from outside the country. He said they have turned away from people's communes and now allow farmers to organize their own efforts. The problem is that, as the farmers have become richer, they want more consumer and building

September 17, Tianjin

We went by train to Tianjin, an industrial city of eight million, two hours away. While the men of the delegation visited Nankai University, the women met with the family members of a University of Minnesota student who is studying with Chuck Campbell of physics. The father teaches chemistry and told of the great suffering during the Cultural Revolution. The family was separated. He was not

allowed to teach, read, or do research. He said all the labs and books were destroyed. Ten years is a long time. (So are the four years until they see their son.)

September 18, Beijing

It is difficult to describe the press of humanity, the constant noise, the number of bicycles, the dustiness, the humble "homes." China feeds its people but, with so many people to feed, there is little left for other things. The food we are given is healthy and tasty but it is exactly like eating in a good Chinese restaurant day after day. One man told me, "I can't stand foreign food!" (The whole country must agree.)

September 19, Beijing

John Turner and I, as well as Ken, Bonita, Chuck, and Marty, visited the market place one mile from our Friendship Hotel and enjoyed giving Polaroid photos to the people who gathered around. We also saw beans, chickens, peanuts, tomatoes, tiny shrimp, sweet potatoes for sale.

We visited a neighborhood committee and were shown "typical" apartments. One woman asked about our retirement program. She had been forced to retire from a rug factory at an age earlier than men. She had no rugs on the floor; her husband and daughters worked outside the home, but she controlled the money. She does volunteer work in her community.

September 20, Beijing

We visited the Great Wall and were inspired. The air was wonderful as was the weather, and the layers of mountains looked carpeted in soft green. The Wall is much higher than I imagined and was once 4,000 miles long; it follows the mountain peaks like an echo.



CLA Dean Fred Lukermann followed world news through the China Daily and his shortwave radio.

September 21, Beijing and Changchun

We toured Beijing (or Beida) University with President Zhang and saw Edgar Snow's Memorial. A huge Mao statue greets all visitors to campus. It proved to be one of the few remaining visible tributes to former Chairman Mao.

We flew to Changchun in the

North and were taken to the South Lake Hotel. We had the usual tea ceremony in our room and had 18 minutes to change for dinner. Our host for the banquet was Vice Governor Xiao Chun, Jilin Province. (I was doing fine until we were served frog oil soup and I started thinking what "Kermit the Frog" would say.)

September 22, Changchun

We were met by children with flowers at the Jilin University of Technology. Peter was referred to as "his excellency." (He's going to be even harder to live with.) Everyone seems pleased with the agreements between the two institutions. President Lu complimented the University on its fine faculty who have come to Jilin University. Chairman Regent Wenda Moore was sent greetings, as she is wherever we visit.

We visited the Tan carpet factory and were impressed with the process and quality of the carpets. It takes three months to make one carpet. The work is done by skillful hands. The good news is Peter bought me a Chinese rug with dragons. (It will look lovely at Eastcliff.)

Regents Professor Jim Serrin (math) and Regents Professor John Turner (political science) gave lectures today. Our delegation members are always enthusiastic and prepared. I am proud of the group.

Next we visited Jilin University. Peter presented President Tang with the art piece "Sky Blue Water" by our faculty member Malcolm Myers. We have presented each major institution with a print from members or former students of the University of Minnesota Studio Arts Department. In each case the art was well received and appreciated. We were warned before we left that

the Chinese government was censoring U.S. abstract art but Peter decided to go ahead with our plans, as it represents our country.

September 23 and 24, Changchun, Beijin, train to Sian

A travel day — by plane, bus, and train. The head of the delegation got up in the middle of the night on the train and returned to the wrong compartment only to try to climb up to his upper bunk. He knew he was in trouble when he grasped the ankle of the CLA dean's spouse. (Adjunct Professor Barbara Lukermann's not talking.)

September 24, Sian

Visited the Tomb of Qin Shi Huang and the Museum of Pottery Figures of Warriors and Horses. Qin was the emperor who unified China in 221 B.C. Each lifesize terracotta figure and horse has a unique facial expression and form. These figures were discovered in 1974 by farmers, and the archeologists believe there will be close to 6,000 unearthed eventually. The emperor was only 13 years old when he started planning his memorial. (As Fred Lukermann pointed out, "Think of the ego involved in such a decision.")

The Panpo archeological site was a later stop. We learned about a complex society of 6,000 years ago. Panpo originally was a matriarchal society because "Agriculture was invented by women through observa-

tion during the process of gathering wild plants." (Wait until I tell our College of Agriculture.)

We met with representatives of Xian Jiantong University. Vice President Zhuang was pleased with Minnesota's summer institute, which teaches English for science and technology, and wants it to continue.

Ken Keller reviewed our strong ties to the various institutions in China and said we expect 150 visiting Chinese scholars to be at the University next year. He empha-



Here is one of many well-protected pandas in the Sian Zoo.

sized the importance of English as a second language in order to achieve at Minnesota.

The day ended with "a light supper" of Sian chicken with peppercorn, sweet and sour pork, minispareribs, fish, lotus roots, liver slices, soup, Cantonese chow mein with stir-fried vegetables, tomato pork cutlets, green beans, chicken and mushrooms and breaded pork slices. John Turner's surprise birthday party followed with a special

song from Bonita and Ken and a poem by C. J. Liu. (If Peter is the head of the delegation, John is certainly the heart.)

September 26, Sian and Shanghai

Peter and I visited the Pagoda Tower of Sian and the Sian Zoo with Marty and Chuck Campbell. We saw two pandas who "posed" for my camera, and we all got homesick for our kids. Time stood still when I saw a beautiful old man strolling the paths of the zoo.

While on the route to Shanghai we saw the Yangtze River below, which resembled a long, slender snake. Shanghai is China's largest city in area and population. Its name means "up from the sea." It is administered directly by the central government, as are Tianjin and Beijing. Shanghai is the center of China's trade and industry.

We are now officially "off duty," as Peter has given himself a day off in Shanghai before we depart for more University business in Japan. Ken and Bonita are in charge. We had a twinge of guilt walking past the official "tea ceremony" upon arrival in the hotel, but only a temporary twinge. **M**

SPORTS

How Good is Squad No. 5?

Entering the 1981-82 women's basketball season, Gopher Head Coach Ellen Mosher proceeded with guarded optimism. With three starters gone from last season's finest year ever — a 28-7 record, a Big Ten title and an 18th final season national ranking — including all-time Gopher scoring leader Linda Roberts, there were several questions facing this year's Gopher contingent.

How much would the early-season ankle sprain of standout guard Debbie Hunter curtail the Gophers' progress? Would senior co-captains Marty Dahlen and

Christine Durand supply new leadership? Would Laura Gardner return to the form of her outstanding freshman season? And just how much could be expected from the freshmen newcomers?

Still, those questions didn't keep Mosher from exuding confidence about her fifth Gopher squad. And after the first couple of games of the season, little by little the pieces started falling into place. And what uncertainty there might have been has turned to the glowing praises of Mosher.

"I felt in the beginning that we would be a very strong team," Mosher, who owns an 87-43 record at Minnesota through four seasons, said. "The return of Marty (Dahlen), Christine (Durand) and

Debbie (Hunter) was encouraging. The big question was our center spot, but with Cindy Kuhlman and Barb Meredith we've shown a lot of improvement. They're both playing equal time there and playing with a lot of confidence. And at the other forward spot (opposite returnee Dahlen) we've gotten excellent play from Gardner, and Laura Coenen has played exceptionally for us. Everything is looking good for us now. And I'm a little more sure of that opinion now that I've seen us play in a competitive situation. The key is that we don't get a key player injured."

The Gophers opened the season with a 93-72 loss to the People's Republic of China national team November 5, a game Mosher had



Now We're No. Eight

As Minnesota magazine was going to press, the Gophers were rated as the number eight collegiate basketball team in the nation. They are, front row from left, Coach Jim Dutcher, John Wiley (middle); Randy Breuer, Jim Petersen, Trent Tucker, Gary Holmes, Darryl Mitchell (back), Zebedee Howell, and Andy Thompson.

MINNEAPOLIS STAR

some misgivings about because of the early season preparation involved. The cultural benefits from the China game were invaluable. But there was a lot learned from the Gophers play, and most impressive in the physical part of the game was Durand. The 5-6 guard from St. Paul Highland Park popped for a career-high 25 points over the tall, quick China club, which featured 6-8½ Chen Yuefang. Durand hit for numerous 10 and 15-foot jumpers to pick up the scoring slack left by injured Hunter, who sat out the contest.

An entertaining style of play — a running, pressure defense, fast tempo style — had been promised by the Gophers in preseason, and they delivered when they trounced host Iowa 77-52 in the regular season opener for both teams.

"Not since my coaching days at UCLA have I had a team as quick or as balanced as this one," said Moshier. "Last year was a good team for us, but they were not nearly as quick as this club."

The Iowa contest marked the return of All-American candidate Hunter to the lineup plus the outstanding efforts of Dahlen (game-high 22 points) and the remarkable play of flashy forward Coenen, who provided memories of former UCLA great Ann Meyers for Moshier.

Coenen played just 25 minutes before fouling out, but in that brief period the 6-1 all-stater from Neenah, Wis., scored 20 points, hauled in a game-high 16 rebounds and six steals, and dished out four assists. Coenen demonstrated sophisticated moves uncharacteristic of a freshman, like looking one way and passing the other.

"She's going to be a heck of a player, there's no doubt about it," said Moshier of Coenen. "She's starting out a lot like Ann Meyers (who played under Moshier for two years at UCLA). She's making some

passes our kids have never seen before. She's probably more creative than Ann and has a greater feel for the game."

With the ballhandling wizardry of Hunter to go with Coenen's entertaining style and the depth of the Gopher squad, it looks to be an outstanding year again for Gopher women's basketball.

The Gophers are scheduled to return from a long road trip on the west coast versus Long Beach State and the University of Southern California for its first home contest of the new year against National College, January 6 at 8 p.m. in Williams Arena. Other home games include: Iowa, January 16, 8 p.m.; Wisconsin, January 23, 2 p.m.; Iowa State, February 17, 8 p.m.;

Kansas, February 20, 8 p.m.; and Missouri, March 3, 8 p.m.

Marty Duda

We'll Ask You

Nearly 150 University of Minnesota alumni live in the Anchorage area and some may want to attend a women's basketball game there February 26 and 28.

The Minnesota Gophers will take part in the Northern Lights Classic tournament, according to Head Coach Ellen Moshier.

Alumni interested in meeting the team and attending an alumni event are asked to contact Nancy Devine, director of the Minnesota Alumni Association chapter program.

1981 Football Results

19 Minnesota-Ohio University	17	40,068
16 Minnesota-Purdue	13	41,530
42 Minnesota-Oregon State	12	30,890
28 Minnesota-Illinois	39	63,814
35 Minnesota-Northwestern	23	45,949
16 Minnesota-Indiana	17	46,460
12 Minnesota-Iowa	10	60,000
13 Minnesota-Michigan	34	52,875
35 Minnesota-Ohio State	31	42,793
36 Minnesota-Michigan State	43	56,471
21 Minnesota-Wisconsin	26	47,125



40 Records Fall

Led by junior quarterback Mike Hohensee, at right, Minnesota's 1981 football team all but rewrote the school's record book with 40 new individual and team marks either set or tied. Hohensee established himself as the most prolific passer in the "U"'s history. He established seven new single season records and six more single game marks.

MINNESOTA ALUMNI ASSOCIATION

Students Asking Alumni to Telepledge Dollars

By Ken Der and Larry Oakes

Lorilee Svedberg hung up the phone November 3 and grinned. "Well, he gave me 20 (dollars), but will probably give me more," she said. "He said, 'It's a worthy cause. I know the library needs



Lorilee Svedberg

help. I'm more than happy to give. . . ."

Along with 22 other callers, Svedberg, a speech-communication senior, works for TEAM, the University Foundation's Telepledge-for-Excellence-At-Minnesota project.

Svedberg was jubilant because the man who had been on the other end of the line (an alumnus, class of '56) pledged \$20 to the School of Journalism and Mass Communication.

TEAM was "concentrating on the journalism school and the College of Forestry," said Jack Fistler, TEAM coordinator and associate director of annual giving at the University Foundation.

TEAM essentially is the grassroots arm of the University Foundation. Armed with a list of names provided by the Alumni Association and the foundation's daytime callers, it goes after the ordinary generous person, the unestablished philanthropist who doesn't necessarily have an extra million lying around. Pledges usually go from \$5 to \$200, Fistler said.

The large team of paid student callers is a new concept in University fund raising. Last year the Foundation's giving program employed seven to 10 callers and relied heavily on bulk mailings to reach those not contacted by phone.

The reason for shifting emphasis to a heavy phone campaign is simple, according to Brian Gorman, TEAM program director. Phones get results. Sixteen percent of alumni called make a contribution, as opposed to 1.5 percent of those reached by mail. The average call lasts about 1½ minutes and costs 32 cents.

Gorman said his program has be-

come a model for fund-raisers. The figures support his claim of success. The average cost of raising a dollar nationwide is 25 cents, he said. Last year his cost was 18 cents, and that figure is expected to be trimmed to seven cents this year.

The method has proven to be "a fine means of communicating with alumni and presenting the programs of the University," foundation Director Robert Odegard said. "By cultivating their interest, it becomes a means of acquiring donors and establishing a lifelong gift-giving pattern."

As might be expected, University graduates have differing opinions about whether they have an obligation to support their alma mater.

Maxine A. Larson, a 1955 journalism school graduate living in Anoka, can't give this year because she is putting two daughters through college. When asked if she felt an obligation to give, however, she replied:

"Oh, heavens yes, because a lot of my income after I got out (of the journalism school) was made possible by the fact that I went to college."

A 1973 journalism school graduate, Lawrence Ratay, wasn't so enthusiastic. He feels no obligation to give, he said, but the caller's argument won him over.

"They (the callers) made reference to a shortage of state funding and the Murphy Library needing work," he said. "It needed work when I was there."

Another alumnus, a Silver Bay man who asked not to be identified, doesn't think the University has a right to ask for money. "I paid my dues while I was there," he said.

Many of the people TEAM contacts each evening, Monday

through Thursday from 6 to 9, have not heard from the alma mater since they graduated. "So they're generally quite happy to hear from us," Fistler said.

One notable exception is a Viking football fan interrupted in the middle of the game. He or she can get pretty irate or prove to be very inattentive. Therefore, Fistler said, the callers are sensitized to working gingerly around special sporting events, "to make contact and yet not disturb" people.

Another fact of life callers run up against is that not all alumni love the old school. Some quite ancient grudges or complaints can be revived by making a request for financial help.

Other problems that callers reported were calling the relatives of deceased individuals, bitter unemployed grads, drunks, and abrupt people who said no with a loud click. But these are in the minority.

The nine-year-old TEAM effort has not reached a lot of potential donors in the past, Fistler said, because neglected alumni records had gotten out of date and there are so many graduates — more than 200,000. The situation is being rectified now with computer lists.

Fistler estimates that during this academic year TEAM will make calls to perhaps 50,000 alumni. The phoning year is from Oct. 12 to June 3.

TEAM's first week of calling this fall was devoted to soliciting "unrestricted dollars" for the University at-large as opposed to a designated school, department, or program.

But after the first week, the TEAM divided up its time and energies, or segmented its market, based on such factors as college size and need. For example, 2½ weeks will soon be devoted to calling for the Institute of Technology; a few days are set aside in between for mortuary science. And next spring, last year's donors — who have

already been sent letters from the deans — will be phoned.

The beneficiaries of the project extend beyond the scholars, researchers, and academic staff of the University, Fistler said. The TEAM employees, all full-time students, are given a unique education in the structure of the University during their on-the-job training. They also develop confidence, sales ability, communication skills, and a genuine appreciation of the University's mission, according to Marcela Soto.

Soto, an architecture major born in Chile, recalls being terrified of touching the telephone when she was first hired as a caller.

But she managed to do well because, she said, people responded to her pleasant foreign accent. Today she supervises the callers.

Caller Chad Vogt, a political science senior, said he thinks his current employment is ideal for him. It fits complementarily into his schedule and experience. "Last year I worked in the First National Bank's student loan department calling in delinquent accounts," he said.

This story originally appeared in the Minnesota Daily. All rights reserved.

On to Carnegie Hall...

In March 1982 the University of Minnesota Concert Band and Jazz Ensemble will perform for five alumni chapters during a week-long tour and will end with a concert Friday, March 27, in New York City's Carnegie Hall.

The groups, under the direction of Frank "Dr. Ben" Beneriscutto, will stop in Chicago, March 21; Dayton, March 22; Washington, D.C., March 23 and 24; Pittsburgh, March 25; and New York City, March 26.

The 8 p.m. Carnegie Hall concert will also feature guest artist Clark Terry, a jazz trumpet player.

In conjunction with the New York appearance, the MAA has arranged for alumni living in Minnesota to take part in the special event by spending a weekend in the Big Apple and attending the Carnegie Hall concert. The trip from the Twin Cities would leave Friday, March 27, and return Sunday, March 28.

During the past few years, the Concert Band has been to the Soviet Union and more recently the People's Republic of China. The Marching Band has been to Mexico.

In 1981 the Jazz Ensemble was voted one of the top ensembles in the United States.

A cocktail party will be held at the New York Sheraton before the concert. A party with dancing will follow the performance, according to New York Chapter President Robert Tiffany.

For those interested in additional information, please contact Nancy Devine, director of the alumni chapter programs.

Sunshine Chapters Want You!

If you are heading for the sunny, warm weather during February and March, alumni chapters in Florida, Texas, Arizona, and California, want you to attend their meetings.

February 11 and 12, Richard Caldecott, dean of the College of Biological Sciences, will be in Phoenix and Sun City, Ariz.

Robert Stein, dean of the School of Law, will be in San Francisco and San Diego on February 16 and 17.

Vice President for Finance Frederick Bohlen will be in Tampa and St. Petersburg, Fla., March 5. Dallas and Houston meetings will

be March 9 and 10 with University speakers to be announced.

Minnesotans who will be in Naples, Fla., March 7, may wish to attend the third annual tailgate party. Earlier this year more than 600 persons met at the event.

Alumni who do not live in any of these chapter areas and who would like additional information about the winter events, are asked to contact the Minnesota Alumni Association office.

One Big Happy Family

The classes of 1932, 1942, and 1957, will celebrate reunions at a combined luncheon in the Great Hall of Coffman Memorial Union on June 7, 1982.

The luncheon will be followed by a bus tour of the campuses and separate dinners for each class.

Chairman for the 1932 class committee is Clifford C. Sommer. The

co-chairwomen are Ellena Ventura Loye and Maxine Kaiser Russell.

The class of 1942 chairman is Calvin L. Smith and his co-chairwoman is Frances Ann "Bee" Heimbach.

The class of 1957 committee will be announced.

All class members for whom the Minnesota Alumni Association has an address will be notified of the details.



Classy Gift

The Class of 1930 has purchased Third Ave. El at 14th Street, painted in 1931 by Edward Laning (1906-1981). The painting, which has become part of the University Gallery's permanent collection, presents a vibrant image of a slice of life in New

York City, on and around a stairway leading from the cobblestoned street to a platform of the elevated train.

COLLEGES AND SCHOOLS

by Steve Baker

MANAGEMENT

EDC Means Business

Crammed into a corner on the third floor of the Business Administration Tower are some makeshift offices and some busy people. A visitor to these premises is struck by the flurry of phone call and filing activities produced by what seems like 10 staff people in a space made for two.

On the wall is a board listing a long series of handwritten dates alongside titles such as "Seminar for Systems," "Accounting for Government Entities," "Health Care," and "Database Management." A small sign on the door reads, "EXECUTIVE DEVELOPMENT CENTER."

Out of these offices is run what Dean David M. Lilly calls "one of the more significant and diverse university-run management education centers in the country." Started in July 1979, the center grew from Lilly's plan to make the School of Management more responsive to the business practitioner marketplace.

"We are aggressively going out to work with businesses to help them find their needs for the 1980s," said John J. Mauriel, director of EDC. "We want to help managers become more responsible and responsive to the needs of society."

Serving more than 200 organizations in the upper Midwest and across the country, EDC provides seminars, workshops, and other educational programs to improve the effectiveness of managers in the field. The center serves companies in every major upper midwest industry, and its corporate clientele include small businesses and non-profit organizations as well as large

corporations such as Control Data and Xerox.

EDC receives no direct legislative support so it relies on the organizations it serves to pay the full cost. The center has already gained more than \$1.5 million in revenue in its first two years of existence, according to Mauriel.

"Our services are often better and cheaper than a consultant's, so we find that the businesses are willing to pay our price," he said. "Our ultimate goal is to be the first resource that an organization in Minnesota turns to for management education."

Most EDC programs take place off campus and may be from one to six weeks long. Currently, faculty members from the school are hired to lead seminars on an overload basis. Mauriel hopes to make EDC programs a regular part of a faculty member's teaching load in the future.

Mauriel and his staff are rapidly designing new courses, testing them and marketing them to businesses. "We are busy," he said, "but that is our job. The center is a resource that should be made widely available and better known."

MEDICAL TECHNOLOGY

Two Join Faculty, One leaves to Practice Law

Assistant Professors Carol Wells and Cheryl Swinehart have joined the faculty of the Division of Medical Technology. Wells replaces Professor Donna Blazevic, who left the University to practice law after earning her law degree

through night courses at William Mitchell College of Law.

Wells specializes in research and teaching within the field of microbiology. She comes to Minnesota from the University of Wisconsin-Madison.

Swinehart is a former staff technologist at the University Hospital. Her research and teaching exposure will come in the fields of hematology and hemostasis within the area of laboratory medicine and technology.

VETERINARY MEDICINE

Internationally-Known Scientist Heads Large Animal Department

Roger S. Morris, an international authority on veterinary epidemiology, preventive medicine, and public health, will become chairman of the Department of Large Animal Clinical Sciences in January.

Morris will be leaving his post as assistant director of the Australian Bureau of Animal Health in Canberra, Australia.

An expert in statistics and computer modeling, Morris has contributed to the development of computer-based disease control programs and management practice models. He has earned several prizes and awards, and he has written a number of books, including *Epidemiology and Veterinary Practice*.

According to Dale Sorensen, associate dean for academic affairs and research at the College of Veterinary Medicine, Morris is

"very capable and well-recognized in his field. We expect him to provide leadership through positive change in areas of preventive medicine, disease control, and animal health."

GENERAL COLLEGE

Friends Promote GC

We all need friends. And the General College has some good ones.

The Friends of the General College is a committee of community leaders dedicated to the support and promotion of the college. At a meeting this fall, plans for new programs benefitting students and the General College image were developed.

John Derus, chairman of the Hennepin County Commissioners and GC graduate, is leading the organization of a new urban affairs course. As a city-government leader, Derus plans to organize regular visits from key figures in city government to the class and develop other opportunities for face-to-face contact among student and community leaders.

Another program, led by committee member Bob Naegle of Naegle Advertising, would promote the college by generating public support for it through billboard advertising.

The Friends of GC meet two or three times a year to present new ideas for improving all aspects of the college. Chaired by Dean Jeanne Lupton, the committee includes: Helen Kelly, corporate attorney for Dayton's and the first chairwoman of the Hennepin County Bar Association; Martin Friedman, director of the Walker Art Center; State Sen. Frank Knoll, and

Stanley S. Hubbard, president of KSTP/TV.

Other active members are: Tom Madison, chief executive of Northwestern Bell; Charles Neerland, vice president of government relations for Northwestern Bank; City controller-treasurer Mary Des-Roche; architect consultant Dixon Bond; and Rita Rove, representative of Lawyers-Advocates-Women.

AGRICULTURE

Speece Stories Available

Maynard — *Humor Through the Years with Maynard Speece* is the recently published book of 300 favorite stories of the retired WCCO broadcaster and University graduate.

Material compiled by Maynard's wife Marigold includes biographical information, 14 drawings, and more than 100 photographs.

Maynard Speece graduated from the College of Agriculture with a B.S. degree in 1943. He is best known for his morning radio shows

with Roger Erikson, but he also served on the University staff as a communication specialist, and earned the Alumni Service Award in 1969.

"He has always been an interesting character," Harold Swanson, professor at the college and author of a chapter in the book, said. "I remember how he used to sing on the morning radio program."

Speece developed a loyal audience. His sincerity and love of life always came through to radio listeners, his wife said.

"I hope that you can hear Maynard talking to you in the stories," Marigold said.

Maynard suffered a stroke two years ago that lessened his ability to speak and write. He is progressing slowly toward recovery, and he is still "hearty and enthusiastic," according to his wife.

Many of the stories in the book were dictated by Maynard to Marigold five years ago when he was planning to write a book in retirement. He left WCCO in 1978.

The book is available at bookstores, or interested persons may write Maynard, Box 14474, University Station, Minneapolis, MN 55414.



Maynard Speece

INSTITUTE OF TECHNOLOGY

Brasted Wins Moshers Award

Chemistry Professor Robert C. Brasted has been named the 1981 recipient of the Moshers Award by the Santa Clara Valley, Calif. section of the American Chemical Society.

"I am very pleased to receive this award," said Brasted, "especially since it covers such a wide spectrum of activities for the development of chemistry."

The award was established to recognize and encourage work in chemistry, to advance chemistry as a profession, and to recognize service to the American Chemical Society. Brasted has been involved in the local branch of the ACS.

The award is named in honor of professors Harry and Carol Moshers of Stanford University and the Stanford Research Institute International, respectively. Brasted will be accepting the award as its first recipient in Palo Alto, Calif. early next year.

Brasted has been at the University since 1947.



Graphic Man

Brad Sauer, a mechanical engineering senior, has designed a 3-D software graphics package, which can be used to study and eventually improve the industrial robot. The graphics show a mechanical arm with four links that can pick up, rotate, and set down an object. This computer package utilizes complex mathematical calculations to simulate the dynamics of the arm movements. Sauer, a member of the Gopher hockey team, works at 3M's computer-aided design center.

JOURNALISM

Hi-Tech Hits Murphy Hall

After several years of having to make do with inadequate equipment, the School of Journalism and Mass Communication is finally entering the technology age.

Several technological advances are taking place in Murphy Hall, the center for the school. Installation of new computer-editing equipment and Compugraphic typesetting machines has already taken place on the third floor. Broadcasting facilities, such as an audio-visual editing room, a television control room and space for new professional equipment, will be added at the end of fall quarter.

For the last seven years, broadcasting has been located in Rarig Center on the West Bank. The move to Murphy Hall is a welcome change for Irving Fang, professor in the broadcast sequence.

"Students will have access to audio equipment that's as good as most radio stations have," he said, "and we now have a fairly complete laboratory for teaching techniques of broadcast journalism that are actually used in the profession."

Support for the new broadcasting, editing, typesetting equipment, and facilities has come from four areas: the \$500,000 SJMC

capital fundraising campaign that is still under way; renovation funds from the College of Liberal Arts; a \$150,000 special allocation from the Minnesota state legislature in 1979; and a research project being conducted by the University Lab of Physiological Hygiene and SJMC.

DENTISTRY

Shapiro Broadens Horizons of Dental Research

What does the study of cystic fibrosis have to do with dental research?

Burton L. Shapiro, chairman of the Oral Biology Department in the School of Dentistry, is asked that question often. Since 1968, he has been leading a staff of researchers to find the cause of cystic fibrosis.

"I suspect there are those who don't feel this work bears on dental problems," he said, "but you can't predict the relevance of research at this University."

Too many people separate the area between the nose and the chin from the rest of the body, according to Shapiro. The final measure of success in a research endeavor, he believes, can be measured by its quality.

Among Caucasian children, cystic fibrosis, often called "CF," is the most common, inherited lethal metabolic disorder. Children with CF suffer chronic lung disease and digestive problems. They often die during the first year of life, although recent antibiotic treatments have increased survival rates so that 50 percent now live past the age of 19.

Still, the fundamental defect causing CF is not known. That is what Shapiro is after.

With support from the State of Minnesota special allocation for cystic fibrosis research and the National Institute of Health, Shapiro has designed tissue culture labs to study cells of individuals affected by and carrying CF. The research has revealed, among other discoveries, that these cells age prematurely, contain increased calcium levels, and consume more oxygen. At this point, the disease has been traced to a fundamental respiratory enzyme.

Research on cystic fibrosis has been conducted since it was first noticed and studied in 1939.

A disproportionate number of dentists have been involved in research on CF, Shapiro said, because it is a disease of those glands that secrete outside the body, including salivary glands. Shapiro's research strategies, while aimed at finding the basic defect of CF, have become models for dental research in the school.

His research also has led him to analyze Down's syndrome, another genetic disease. He is in the process of tracing the development of the extra chromosome that causes the disease.

BIOLOGICAL SCIENCES

Human Genetics Institute Proposed

A fund drive and effort to develop community leadership for an interdisciplinary human genetics institute is being headed by Dean Richard S. Caldecott of the College of Biological Sciences.

"We are trying to build a human genetics program that deals not only with genetic disease, but also with the biological and social problems surrounding it. We want it to in-

clude sensible research and counseling for those families and individuals affected by genetic diseases," Caldecott said. "Our goal is to develop adequate funding so as to totally remodel and enlarge the existing old Botany building or — if necessary — tear it down and build a new structure."

In addition to generating money for physical changes, Caldecott's proposal calls for funding to staff the institute with 10 to 12 faculty members: to provide new equipment; and to establish an endowment for an annual symposium, which would bring the world's best genetic scientists to the University. Private support of at least \$10 million from foundations, corporations, and individuals will be needed for the project, Caldecott said.

Two years ago, a committee of deans from across the University — including the vice presidents for academic affairs and the health sciences, and the deans of the Medical School, School of Dentistry, College of Liberal Arts, and College of Education — stated the need for this new building and organization to control it. They agreed that administrative focus for the institute should be centered in the College of Biological Sciences and that the existing Dight Institute for Human Genetics should be expanded as well.

Caldecott has been working during the last two years to organize community and state leaders who will launch the fund drive. Focus on the new coalition of business, government, labor, and academic leaders — Wellspring — has temporarily delayed his organizing, but may prove to expand the possibilities for the human genetics institute.

"The principles and fundamentals behind the human genetics institute have equal applicability to all plant and animal genetic problems," Caldecott said. "The ideal situation

would be to combine all these interests in one institute."

Caldecott and others in Well-spring are exploring options and costs for such a genetics institute.

PHARMACY

Foster Selected for Kellogg Fellowship

Mark S. Foster, a 1980 graduate of the College of Pharmacy, is one of 10 pharmacists selected from a nationwide pool of applicants to receive a Kellogg Pharmaceutical Clinical Scientist Program fellowship.

His \$30,000, three-year fellowship will be used to pursue a doctorate in social and administrative pharmacy from the University of Minnesota.

Kellogg Fellows are chosen for their professional expertise and skill in leadership and scholarship. Foster has just completed one year as a deputy chief of pharmacy services at an American Indian center in White Earth, Minn. There he acted as a primary-care provider, lectured on drug abuse, and monitored chronic disease therapy.

As an undergraduate in the Col-



Mark S. Foster

lege of Pharmacy, Foster earned a student leadership award and the Bristol Laboratory Award.

The Pharmaceutical Clinical Scientist Program funded by the W. K. Kellogg Foundation of Battle Creek, Mich., is the first of its kind in the country. It is designed to prepare Kellogg Fellows to create and assume new professional roles as pharmacists. The fellowship experience will include both academic coursework and on-site research projects to be conducted in cooperation with a variety of health care facilities.

Fellows will be involved in the delivery of clinical pharmacy services, providing drug-related information to other health professionals and members of the community, and conducting research that they hope will lead not only to improved pharmacy services, but to ways of delivering these services more effectively.

COLLEGE OF LIBERAL ARTS

Religious Studies M.A. Program Started

A two-year interdisciplinary master of arts program in religious studies began this fall and is expected to be in full operation by September 1982.

The program, approved last summer by the Board of Regents, is expected to admit only two to five candidates each year. Eighty courses from more than 17 departments in the College of Liberal Arts and College of Education will be offered in the program.

The University is the only institution in the state to offer a graduate degree in the secular study of religion.

MEDICINE

Doughman Receives Grant

Donald Doughman, head of the Department of Ophthalmology, has received a \$12,000 grant from Research to Prevent Blindness. This marks the 22nd year of continuing financial support from the organization to the University of Minnesota.

The funds are earmarked for research on diseases of the eye. The grant will provide money for research and equipment.

The Department of Ophthalmology is one of 50 major medical centers where advanced studies of eye diseases are being pursued with the help of Research to Prevent Blindness.

NURSING

A Million Dollar Gift

A \$1 million gift, in memory of Cora Meidl Siehl, has been received by the School of Nursing from Eldon Siehl, her husband who donated the gift to support an endowed research chair, according to Dean Ellen Fahy.

A national search will begin to fill the Cora Meidl Siehl Chair for Nursing Research for Improved Patient Care.

Fahy said the gift was a meaningful expression of Eldon's love for his wife, an alumna of the University. "The gift comes at a most opportune time in the history of the school," Fahy said. She noted that the new research position will enhance the school's new doctoral program as well as its research thrust.

Following her graduation from

the University in 1931, Cora Siehl went to New Ulm, where she practiced nursing for several years. During World War II, she resumed hospital nursing in St. Cloud. She died in Minneapolis in 1980.

Looking Ahead to 75th Anniversary

The 1983-1984 school year will mark the 75th anniversary of the School of Nursing. A year-long diamond jubilee celebration is being planned for the school's more than 5,000 alumni.

In the plans are reunions, visiting speakers, seminars, symposia, publications, and a final program and banquet on May 12, 1984 — Florence Nightingale's birthday.

Volunteers are needed to plan and help with anniversary activities. To volunteer, call Isabel Harris at (612) 373-3462.

HOME ECONOMICS

Three Award Winners

Three faculty from the College of Home Economics have won awards recently.

Professor Francis Busta was named an outstanding educator by an international organization of food sanitation experts and awarded \$1,000 at the annual meeting of the International Association of Milk, Food, and Environmental Sanitarians in Spokane, Washington in August. An expert on nitrates, Busta has reported to U.S. Senate committees on alternative methods of preserving meats. He has written

more than 100 scientific articles on food sanitation.

Howard Morris, professor of food science and nutrition, received the Pfizer Award at the annual meeting of the American Dairy Science Association. The award of a bronze plaque and \$1,000 is for outstanding research contributions in the field of cheese manufacture.

Gary Reineccius, associate professor of food science and nutrition, was one of four faculty selected by the University of Minnesota Student Association as recipients of the 1980-81 Gordon L. Starr Faculty/Staff Outstanding Contribution Award.

EDUCATION

Keller to Retire

Robert J. Keller, professor of educational administration and higher education/curriculum instruction, has announced his retirement from the College of Education effective Feb. 28, 1982.

Keller, dean of the college from 1964 to 1970, was instrumental in bringing about the current departmental structure of the college as well as its long-range planning operations and its growth in educational research. His extensive connections with the North Central Association took him on several accrediting trips across the United States. He also was involved in international education programs in Korea.

Robert H. Beck, Regents professor of sociology, psychology and the philosophical foundations of education, noted Keller's strong concern for university-secondary school relations and his overall interest in maintaining a solid system of communications and relations within the higher education structure of the University of Minnesota.

Van Mueller, professor of educational administration, has known Keller for 18 years. He said, not only has Keller been involved in several administrative duties, but he also has worked with scores of doctoral candidates in helping them complete successful programs through the University.

INDUSTRIAL RELATIONS

GM, UAW Reps Receive Achievement Awards

William Kornegay, director of the Quality of Work Life Programs at General Motors Corporation, and Maurice Treadwell, assistant to Owen Bieber of the United Auto Workers, are the 1981 recipients of the Industrial Relations Alumni Society's Distinguished Achievement awards.

These two men and the organizations they represent are being honored for cooperative efforts to improve the quality of work life within General Motors plants. According to Roy Richardson, president of the Industrial Relations Alumni Society, the UAW and GM have been "in the forefront" of cooperative union and management programs. "We are delighted to honor these two organizations for their joint efforts and for the tangible effects these efforts have had in the work place," he said.

The Distinguished Achievement awards are given annually for innovations in organization change involving cooperative efforts of management and union quality of work life systems.

CALENDAR

compiled by Sandy Stai

Alumni Chapters

Detroit Area Women's Club January 8 and February 5

The January meeting of alumnae in the Detroit area will be in Franklin, Mich. The luncheon program will highlight speakers from the Detroit Opera. The February meeting will be in Bloomfield Hills. For additional information, contact Sharon Lindgren, (313) 644-5324.

Chicago Alumni Chapter

Attend the Golden Gopher vs. Illinois basketball game in Evanston. Additional information will be mailed or you may contact Brad Noren, (312) 951-6016.

Phoenix Alumni Chapter February 11

Richard Caldecott, dean of the College of Biological Sciences, will be the keynote speaker at the annual chapter meeting. A multi-media show about the "U" will be presented. Additional information about the gathering will be mailed. The contact is Arne Rovick, (602) 262-8811.

Sun City Alumni Chapter February 12

The College of Biological Sciences will be discussed by Richard Caldecott, dean. Other University representatives also will attend the event.

Tucson Alumni

Plans are being made for an alumni party in Tucson during the second week of February. Highlights of campus activities and a new slide show about the "U" will be featured. Details will be mailed.

Northern California Alumni Chapter

February 16

Law School Dean Robert Stein will be the guest speaker. A special get-together for law school alumni will be held prior

to the dinner. Additional information will be mailed.

San Diego Alumni Chapter February 17

The annual winter gathering of the San Diego Chapter includes a program with Law School Dean Robert Stein. A multimedia show about the "U" also will be presented. Additional information will be mailed. Contact is Dean Parisian, (714) 234-3169.

Redwood Falls Alumni Chapter

February 22

The annual meeting of alumni in the Redwood Falls area will include keynote speaker Richard Sauer, director of the Agricultural Experiment Station. Sauer will be discussing the impact of the University on Redwood and Renville Counties. Honor students from area high schools will be recognized during the evening. Additional information will be mailed. Contact is Jim Wittwer, (507) 637-3287.

Atlanta Alumni Chapter

Alumni in Atlanta will be gathering during the first week of March to hear from Chapter Director Nancy Devine and see the new University slide show. Details will be mailed. Contact is Dick Leversee, (404) 998-2658.

March 5

Bradford's Coach House in St. Petersburg will be the location of the mid-winter chapter meeting. Frederick Bohlen, university vice president for finance, will be the speaker. A new slide show showing scenes of campus will also be a part of our program. Additional information will be mailed. Contact is Lewis Brown (813) 796-8588.

Naples Alumni

March 7

The third annual tailgate party for all Minnesotans will be at the County Fairgrounds, will start at 3 p.m., and last until

sunset. Plan to visit with University representatives, including President C. Peter Magrath.

North Texas Alumni Chapter March 9

There's going to be a meeting of all alumni in the Dallas-Fort Worth area. Mark the date on your calendar and watch for additional information in the mail or contact Dick Miner (214) 241-0056.

Houston Alumni Chapter March 10

Houston alumni should plan on attending an annual meeting dinner. Watch for additional information in the mail or contact Walt Bauer, (713) 337-4039.

Chicago Alumni Chapter March 21

Dayton Alumni Chapter and Ohio Alumni March 22

Washington D.C. Alumni Chapter March 23 and 24

Pittsburgh Alumni

March 25

Keep the date open on your calendar for the Minnesota Wind Ensemble.

New York Alumni Chapter March 26

The Minnesota Wind Ensemble will hit the Big Apple and Carnegie Hall. A cocktail party will begin at 5:30 p.m. at the New York Sheraton before the concert and a party with dancing will follow the 8 p.m. performance. Additional information will be mailed. Contact is Bob Tiffany, (212) 554-3977.

Constituent Alumni Societies

MEDICINE

"New Horizons in Minnesota Medicine"

Health Services Unit A

June 5, 1982

9 a.m.-4 p.m.

"Commencement"

University of Minnesota

Medical School

Northrop Auditorium

June 4, 1982

All Classes Reunion and Reception

Minnesota Alumni Club

50th Floor, IDS Center

June 5, 1982

Contact: Minnesota Alumni Association for reservations or information, (612) 373-2466

NURSING

Annual Meeting

Wednesday, April 21, 1982

Minnesota Alumni Club

50th Floor

IDS Tower

Call the MAA at (612) 373-2466 for details.

HOME ECONOMICS

The Home Economics Annual Meeting

March 7

The Home Economics Annual Meeting will be in McNeal

Hall with luncheon following in

the Northstar Ballroom in the

Student Center. Both locations

are on the St. Paul Campus.

The Society's Service Award

will be presented. The recipient

will be honored for: leadership

and service given to the college

or university, the home economics

profession, and the community.

Each candidate must be a graduate of the

College of Home Economics, Uni-

versity of Minnesota, St. Paul

Campus. Those wishing to submit

nominations for the award

are asked to send the name of

the nominee and a brief statement

of support to:

College of Home Economics

Alumni Society Service Award
Dean's Office, College of
Home Economics
McNeal Hall
St. Paul, Minn. 55108
Have nominations in no later
than Feb. 15, 1982.

ALUMNAE SOCIETY

Springfundraiser

March 7, 1982

Rarig Center

Silent Auction and perform-
ance of "Once Upon A Mat-
tress"

AGRICULTURE

Quarterly Luncheon

"Cloning of Animals — Im-
plications for Research and
Animal Industry"

Dr. Alan Hunter

12:00 noon

Earle Brown Center

St. Paul Campus

For details, contact the Uni-
versity Alumni Association at
(612) 373-2466

Concerts

SCHOOL OF MUSIC

Guest Artist Series

Phyllis Weikart in sessions on
folk dance and on her research
in movement in children's
musical development

Jan. 15, 16

Guest Artist Series

Pinchas Zukerman, Violin
Master Class

Jan. 18, ScHA, 1:15 p.m.

University Brass Ensemble

David Baldwin, Director
St. Paul's Cathedral, 9:15,
10:30 a.m.

Jan. 24

Guest Artist Series

Donald Peck, Flute Master
Class

ScHA, Jan. 30, 8 p.m.

University Symphonic Chorus With Minnesota Orchestra

Dwayne Jorgenson, Chorus
Director

Beethoven's Ninth Symphony
Feb. 3, 5, Orchestra Hall, 8
p.m.

Tickets available through
Orchestra Hall and Dayton's

Faculty Performance Series
Feb. 5, Coffman Union Thea-
ter, 1 p.m.

University Wind Ensemble

Frank Benciscutto, Director
Feb. 7

Guest Artist Series

Tom Wegren, Piano

Feb. 8, ScHA, 8 p.m.

Faculty Performance Series

Tanya Remenikova, Cello
Feb. 11, Walker Art Center, 8
p.m.

University Symphony Orches-
tra

Henry Charles Smith, Guest
Conductor

Richard Massmann, Director

Feb. 14, NMA, 3 p.m.

University Brass Choir with

Nancy Lancaster, Organ

David Baldwin, Director

Feb. 14 House of Hope Pres-
byterian Church, 4 p.m.

University Brass Choir with

Howard Don Small, Organ

David Baldwin, Director

Feb. 21, St. Mark's Cathedral,
4:30 p.m.

University Men's Chorus with

St. Paul Civic Orchestra

Dwayne Jorgenson, Chorus
Director

Linda Rasmussen, Mezzo-
soprano

Brahm's Alto Rhapsody

Feb. 21, I. A. O'Shaughnessy
Auditorium, 8 p.m.

Contemporary Music Ensem- ble

Alex Lubet, Director

Feb. 22, ScHA, 8 p.m.

University Piano Ensembles

Martha Hilley, Coach

Feb. 26, ScHA, 8 p.m.

Guest Artist Series

Frank Guerrero, Opera Mas-
ter Class

Tickets: \$6, \$3 through
Schubert Club and Concerts &
Lectures

Feb. 27, ScHA, 1:30 p.m.

University Brass Choir with

Rochester Symphony

David Baldwin, Brass Choir
Director

Tickets available in Rochester
Feb. 27, Rochester, MN, 8
p.m.

University Chamber Singers

Lawrence Weller, Conductor

Feb. 28, Walker Art Center, 8
p.m.

Faculty Performance Series

Alexander Braginsky, Piano

March 1, ScHA, 8 p.m.

University Symphonic Chorus/ University Symphony Orches- tra

Verdi's Requiem

Dwayne Jorgenson, Director

March 5, NMA, 8 p.m.

University Brass Choir with

Rochester Symphony

David Baldwin, Brass Choir
Director

Fanfare for the Arts: Homage
to Gabrieli

Tickets available through
Orchestra Hall

March 7, Orchestra Hall, 3
p.m.

Guest Artist Series

Lux Brahn, clarinet Master
Class Recital

March 8, ScH 19, 11:15 a.m.

University Brass Choir

David Baldwin, Director

March 9, Coffman Union, 8
p.m.

Guest Artist Series

Jacquelyn Silver, Coach

Master Class for both vocalists
and instrumentalists

March 9, ScHA, 2 p.m.

All events are free and open to
the public unless otherwise
noted and are subject to
change. For further informa-
tion, call 376-8639 or the music
information hotline, 376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

376-9093.

Dance

NORTHROP DANCE SEASON

Nutcracker Fantasy

December 10-20. Perform-
ances at 3 p.m. on Dec. 13 and
20; at 8 p.m. on Dec. 15, 16,
17, 18; and at 3 and 8 p.m. on
Dec. 12 and 19.

Philobolus Dance Theatre

March 20, 8 p.m.

The troupe's six members blend
dance, gymnastics and mime,
using their own experiences
that explode with imagination
and originality.

Mazowsze Polish Dance Com- pany

March 27, 8 p.m.

The world-famous Polish song
and dance company comes to
Northrop with skill, humor,
and lyrical music that has made
it the ambassador of Polish folk-
lore.

All of these events take place at
Northrop Auditorium. For
more information on these and
other Northrop Dance Season
events, call (612) 373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

Art Exhibitions

UNIVERSITY GALLERY

NORTHROP AUDITORIUM

Young Minnesota Artists

Jan. 10-Feb. 7 (gallery 305-7)

Beyond the Box: Architecture of Philip Johnson and John Burgee, Photographed by Richard Payne

Feb. 16-March 14 (gallery 305-
7)

Keck & Keck: Architects Feb. 16-March 14 (gallery 405)

Marquee on Main Street: Jack Liebenberg's Movie Theaters, 1928-1941

March 22-April 25 (gallery 305-
7)

Theater

UNIVERSITY OF MINNE- SOTA THEATER

"Poor Murderer" by Pavel Kahout

Arena Theatre Jan. 29, 30,
Feb. 4-6, 11-13 at 8 p.m. Jan.
31, Feb. 7, 14 at 3 p.m.

"Once Upon a Mattress" by J. Thomson et al

Whiting Proscenium Theater
Feb. 19, 20, 24-27, March 3-6
at 8 p.m. Feb. 21, 28, March 7
at 3 p.m.

For more information on these
and other University Theater
productions, call (612) 373-
5193.

THE PUNCHINELLO PLAY- ERS

St. Paul Campus
North Hall Theater

"The Shadow Box" by Michael Cristofer

Feb. 19, 20, 26, 27 March 5, 6
at 8 p.m.

373-2345.

373-2345.

373-2345.

373-2345.

373-2345.

"Dames at Sea," book and lyrics by George Haimsohn and Robin Miller, Music by Jim Wise
May 7, 8, 14, 15, 21, 22 at 8 p.m.

The PUNCHINELLO Players has served as the University's community theater for 67 years. For more information, call (612) 373-1570.

Women's Sports

Basketball

USC at Los Angeles
Dec. 23
National College at Minnesota
Jan. 6
Indiana at Bloomington
Jan. 9
Iowa at Minnesota
Jan. 16
Wisconsin at Minnesota
Jan. 23
Illinois-Chicago Circle at Chicago
Jan. 29
Northwestern at Evanston
Jan. 30
Drake at Des Moines
Feb. 2
Kansas State at Manhattan
Feb. 6
Big 10 Championship at Lansing Mich.
Feb. 12-14
Iowa State at Minnesota
Feb. 17
Kansas at Minnesota
Feb. 20
Northern Lights Tournament at Anchorage Alaska
Feb. 26-28
Missouri at Minnesota
March 3
Gymnastics
Winona State at Minnesota
Jan. 9
Arizona State at Phoenix
Jan. 30
Nebraska at Lincoln
Feb. 6
Big 10 Championship at Iowa
Feb. 12-13
Florida, Michigan at Gainesville,
Feb. 25
Iowa State at Ames
March 6
Wisconsin-Madison at Minnesota
March 12

AIAW Region 6 Championship at Minnesota
March 20-21
AIAW National Championship at Memphis, Tenn.
April 2-3
Swimming

Texas Invitational at Austin
Jan. 15-17
Ohio State at Columbus
Jan. 23
Michigan State at East Lansing
Jan. 30
Wisconsin at Minnesota
Feb. 6
Iowa State at Minnesota
Feb. 12
Big 10 Championship at Milwaukee
Feb. 25-27
AIAW National Championship at Austin, Texas
March 17-20
Junior Varsity Swimming
St. Cloud at Minnesota
Jan. 9
St. Catherine at Minnesota
Jan. 15
University of Northern Iowa at Minnesota
Jan. 22

Men's Sports

Basketball

Pillsbury Classic at Minnesota
December 28-29
California State University, Long Beach at Minnesota
Jan. 2
Ohio State University at Ohio
Jan. 7
Michigan State University at Michigan
Jan. 9
University of Iowa at Minnesota
Jan. 14
University of Michigan at Minnesota
Jan. 16
University of Wisconsin at Wisconsin
Jan. 21
University of Illinois at Minnesota
Jan. 23
Northwestern University at Northwestern
Jan. 28
Indiana University at Indiana
Jan. 30
Purdue University at Minnesota
Feb. 4

STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION (Required by 39 U.S.C. 3685) 1. Title of Publication: Minnesota. A. Publication No. 651700. 2. Date of Filing: November 1, 1981. 3. Frequency of Issue: Monthly, Sept.-June except Jan. & Feb. A. No. of issues published annually: 8. B. Annual Subscription Price: \$9.50. 4. Complete mailing address of known office of publication: U of Minn., 100 Morrill Hall, 100 Church Street S.E., Minneapolis, Minn. 55455. 5. Complete mailing address of the headquarters or general business offices of the publishers: U of Minn., 100 Morrill Hall, 100 Church Street S.E., Minneapolis, Minn. 55455. 6. Full names and complete mailing address of publisher, editor, and managing editor: Publisher, University of Minnesota, 100 Morrill Hall, Minnesota Alumni Association, 100 Church Street S.E., Minneapolis, Minn. 55455. Editor, Richard D. Haines, University of Minnesota, 100 Morrill Hall, 100 Church Street S.E., Minneapolis, Minn. 55455. Managing Editor, none. 7. Owner: Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street S.E., Minneapolis, Minn. 55455. 8. Known bondholders, mortgagees, and other security holders owning or holding 1 percent or more of total amount of bonds, mortgages or other securities: none. 9. For completion by nonprofit organizations authorized to mail at special rates: 1. Has not changed during preceding 12 months. 10. A. Total number of copies printed. Average number of copies each issue during preceding 12 months 23,230. Actual number of copies of single issue published nearest to filing date 20,600. B. Paid Circulation: 1. Sales through dealers and carriers, street vendors and

counter-sales. Average number of copies of each issue during preceding 12 months 0. Actual number of copies of single issue published nearest to filing date 0. 2. Mail subscriptions. Average number of copies each issue during preceding 12 months 22,830. Actual number of copies of single issue published nearest to filing date 20,091. C. Total paid circulation. Average number of copies each issue during preceding 12 months 22,830. Actual number of copies of single issue published nearest to filing date 20,091. D. Free distribution by mail, carrier or other means; samples, complimentary, and other free copies. Average number of copies each issue during preceding 12 months 270. Actual number of copies of single issue published nearest to filing date 270. E. Total distribution. Average number of copies each issue during preceding 12 months 23,100. Actual number of copies of single issue published nearest to filing date 20,361. F. Copies not distributed: 1. Office use, left-over, unaccounted, spoiled after printing. Average number of copies each issue during preceding 12 months 130. Actual number of copies of single issue published nearest to filing date 239. 2. Returns from news agents. Average number of copies each issue during preceding 12 months 0. Actual number of copies of single issue published nearest to filing date 0. G. Total. Average number of copies each issue during preceding 12 months 23,230. Actual number of copies of single issue published nearest to filing date 20,600. H. I certify that the statements made by me above are correct and complete
Richard D. Haines, Editor

Indiana University at Minnesota
Feb. 6
University of Wisconsin at Minnesota
Feb. 11
Purdue University at Purdue
Feb. 13
Northwestern University at Minnesota
Feb. 18
University of Illinois at Illinois
Feb. 20
University of Michigan at Michigan
Feb. 25
University of Iowa at Iowa
Feb. 27
Michigan State University at Minnesota
March 4
Ohio State University at Minnesota
March 6
Hockey
Minnesota-Duluth
Dec. 18-19

Spengler Cup Tournament, Davos, Switzerland
Dec. 25-29
Princeton
Jan. 2-3
Minnesota-Duluth
Jan. 15-16
North Dakota
Jan. 22-23
Denver
Jan. 29-30
Minnesota-Duluth
Feb. 5-6
Wisconsin
Feb. 12-13
Denver
Feb. 19-20
Colorado College
Feb. 26-27
1st Round WCHA Playoffs
March 4-5
2nd Round WCHA Playoffs
March 9-10
3rd Round WCHA Playoffs
March 13-14
1st Round NCAA Playoffs
March 19-20
NCAA Championships,
March 25-27

CLASS NOTES by Sandy Stai

'13 *William M. Steinke* of St. Paul is living in the Presbyterian Nursing Home. He and *Mildred (Werring) Steinke*, '14, celebrated their 66th wedding anniversary in October. He is a retired vice president of the Peavey Co.

'22 *Rev. Oswald Dolven* is a retired Lutheran pastor living in Fargo, N.D.

'24 *Frederick Grose* of Pasadena, Calif., has retired from the Hughes Aircraft Co.

'25 *George Abrahamson* has retired as a retail merchant and is living in Beverly Hills, Calif.

'26 *Robert Ankeny* is retired in Delmar, Calif. He is on the standing committee of the Episcopal Diocese of San Diego.

Clarence Paulson of Princeton, Minn., is serving as a consultant and director of the Princeton State Bank, as secretary to the Housing and Redevelopment Authority, and secretary to the Princeton Development and Building Corp.

'27 *Anna Elonen* of Green Valley, Ariz., has been awarded an honorary doctorate by the University of Jyväskylä in Finland.

'28 *James Honey* is retired and lives in Hampton Bays, N.Y.

Mildred Oliphant of Rochester, Minn., is the state presi-

dent of the Retired Educators Association of Minnesota.

'29 *Sigmund Hammer* of Madison, Wis., is active at age 80 as a geophysical consultant in oil exploration. He continues to travel extensively.

Carol G. Lund of San Marcos, Calif., recently spent five weeks in Kenya on the campus of Egerton College. She toured the large animal parks and the Indian Ocean beaches.

George Streukens is retired and lives in Sun City, Ariz.

'30 *Ralph L. Erickson* is a retired Army officer in Mount Vernon, Wash.

Olof Lindstrom has retired and lives in Washington, Va.

'32 *Dean E. Anderson* of Neenah, Wis., retired from the engineering power division of Kimberly-Clark Corp.

'33 *George L. Peterson* of Laguna Hills, Calif., has a doctorate in agricultural economics and has retired after 18 years in the United States foreign service.

Irene Suola is living at the California Lutheran Retirement Home in Alhambra, Calif.

'34 *Katherine Grottum* of Pacifica, Calif., recently received honorable mention for a poem she entered in the San Mateo Country Fair in California.

'35 *Louis Dietrich, Jr.* has been a practicing tax attorney for 25 years.

'36 *Gerald Peterson* is the president of National Products Co. of St. Paul.

'37 *Clarence Adams, Jr.* of Minneapolis has retired as chairman of Banco Financial Corp. and is president-treasurer of Keystone Investment Co.

'38 *Roland Abraham* of St. Paul is retired as professor and director of Agricultural Extension Service at the University of Minnesota. He's now the campus coordinator at the University's Midwest University's Consortium on International Activities. This includes work for the University of the West Indies and for nine English-speaking Caribbean countries.

'39 *Julius Fine* of University Heights, Ohio, is vice president of marketing of the Sterling Manufacturing Co., Cleveland, Ohio.

'40 *George E. Berg* of Marshall, Minn., is retired from teaching vocational agricultural science and math. He has his own income tax service and is the president of Marshall's Eagles Club.

'41 *Priscilla S. Anderson* of Mound, Minn., is a librarian at the Shirley Hills

Elementary School.

Eleanor G. Andrews of Houston, Texas, is a real estate broker.

John D. Andrews of Houston, Texas, recently retired from Mira-Pak Inc., where he was vice president.

William J. Baral of Long Beach, Calif., is vice president of technology sales for the Union Oil Co. of California. He is a fellow of the American Institute of Chemical Engineers.

Norman A. Berg of Severna Park, Md., is a chief in the Soil Conservation Service for the United States Department of Agriculture in Washington D.C. He is also a charter member and fellow of the Soil Conservation Society of America. In March 1980, he was awarded the National Wildlife Federation's Conservation Award.

Frances L. Berger of Minnetonka, Minn., is a supplemental reading teacher at the Lester Prairie public schools. She is a member of the Lester Prairie Education Association and was president of the organization.

Omer W. Blodgett of Cleveland, Ohio, is a design consultant for the Lincoln Electric Co. and has worked for them since 1945. He is the author of two books: *Design of Weldments* and *Design of Welded Structures*.

'54 *Dr. Melvin Baken* of Edina, Minn., is a physician and chief of staff at Methodist Hospital.

Vivian See of Torrance,

Gold Medal Winner
Herbert E. Miller, '44, Chicago, has received a gold medal from the American Institute of Certified Public Accountants. It's the highest award the 170,000-member professional society gives.





Wallace Knutsen

It's Never Too Late

Forty-five years ago, after completing his freshman year at the University of Minnesota, Wallace Knutsen, '81, dropped out of school. He was working 48 hours a week as an usher at the Orpheum Theater, he had an active social life, and he had little motivation for sitting in stuffy classrooms.

"I really didn't know where I was heading," Knutsen 63 years old, said. "I had this lust for travel, so I went out to the West Coast and got a job on a Norwegian freighter as a deckhand."

His ship, the Motorboat Hermion, had been chartered by the Japanese. On his first voyage, he went from San Francisco to China, where the Japanese were doing construction work, with a load of lumber.

We came back to San Francisco, Knutsen said, and then we returned to Japan. From Japan they went to India, through the Suez Canal and back to New York. The entire voyage lasted about nine months.

"I remember when I signed off, the captain said, 'Gee whiz! Why are you leaving? Aren't you happy?'" Knutsen said. "I told him, 'Well, I think I've gotten my travel out of my system.'"

After his stint as a deckhand, Knutsen began working for the Phillip-Morris Co. as a cigarette salesman. In 1941, he enlisted in the army. He applied for and was accepted into officer candidate school. In 1942 he was commissioned in the infantry.

Because of his Norwegian heritage and a limited ability to speak Norwegian, Knutsen was assigned to the 99th Infantry Battalion and stationed at Fort Snelling. The 99th received ski and mountain training in preparation for an invasion of Norway. The invasion never took place, but Knutsen was sent to Norway for eight months as part of the occupation troops at the end of World War II.

It was then, as the occupying forces in the homeland of his relatives, that Knutsen met two of his uncles and two of his aunts for the first time.

When he was discharged from the army, he had attained the rank of captain. He returned to Minneapolis and began working for Wyeth Laboratories in the

Calif., is a physical education teacher at Torrance High School.

James Toms of Drexel Hill, Pa., is an associate with the Philadelphia law firm of Dilworth, Paxson, Kalish, and Levy. He retired as a captain in the United States Navy after 24 years of service.

'56 *Harold Deutsch* of Carlisle Barracks, Pa., is a professor of military history at the United States Army War College.

Elizabeth Witt of St. Paul, is a member of the Mendota Heights Minnesota City Council.

'57 *Gerald K. Bergman* of Winnetka, Minn., was elected executive vice president by the board of directors of Continental Illinois Corp. and its principal subsidiary, Continental Illinois National Bank and Trust Co. of Chicago.

Roderick Blanchard of Edina, Minn., is a lawyer and an author.

Dr. John Furlong of Menomonie, Wis., was elected to the supreme council of the Loyal Order of Moose.

Ernest Liscombe of Montebello, Calif., is president of

Bernardo Chemicals, Limited of El Monte, Calif.

Jean Norrbom of Coon Rapids, Minn., is employed by the Mounds View Schools as a senior school nurse. She is president of the School Nurse Organization of Minnesota.

DeWaine Osman of Wallingford, Pa., is the former vice president of Sperry Univac Mid-East operations. He was promoted to vice president, commercial systems group, at the computer headquarters.

Gretchen Russell of Clearwater, Fla., was appointed to writer in the office of communications at the University of Tampa.

'58 *Austin G. Anderson* of Ann Arbor, Mich., was elected to head the American Bar Association section of economics of law practice. He is the director of the Institute of Continuing Legal Education at the University of Michigan Law School.

Zita Lichtenberg of St. Paul, is the director of Corporate Communications for the CPT Corp. in Eden Prairie.

'59 *Donald Robinson* of Collegeville, Pa., is the senior research chemist with Pennwalt Corp.

division of American Home Products. He sold pharmaceutical products to pharmacies, hospitals and drug stores.

For the next 32 years he stayed with Wyeth Laboratories, except for a leave of absence to serve in the Korean War. He was promoted to district manager and eventually to regional sales manager for the East Coast. With offices in Boston and New York, he was a picture perfect, successful sales executive. Then he got to thinking about the college education he had never finished.

"I remember reading some years ago that no person should stay in one career nonstop," Knutsen said.

"They should change. I had 32 years with the same company, and I thought it was time for a change.

"Actually it was too late," Knutsen said, then he paused, and changed his mind, "It was later than it should have been, but I still changed."

So in 1978, at age 60, Wallace Knutsen took an early retirement from Wyeth Laboratories, and returned to the University of Minnesota where he enrolled as a sophomore.

"One of my first recollections when I came back," he said, "was that the campus had actually changed very little since my first stint. Some of the buildings, however, had been named for my former instructors. Ford Hall, for example. I had a class in modern world history from professor Ford in 1935."

"In 1978, I went to a lecture by Dr. Paul Cashman to a group known as Students Older Than the Average Age. He said, 'You are as old as you think you are. If you perceive yourself as older than your fellow students, you will be. But if you don't see any difference, there won't be.' I took that advice seriously and I breezed through three years with very few references to my age."

The biggest problem Knutsen encountered was when he showed up early for the first day of a class. Other students kept trying to hand him their class cards.

"If I happened to be standing around the desk, invariably students would come up to me and hand me their class cards, thinking I was the professor. So I used to play a game with that. Maybe take the cards and have some fun with it."

While he had lacked motivation as a freshman in 1936, Knutsen found no problem working toward the new goal he had set for himself . . . a career in public relations. He treated being a student like a job.

"Now I was really motivated and I probably studied harder than some of the other students because I felt my ability to learn was probably not as good. I got up, 5:30 or 6 a.m. and put in my full eight hours. And I studied Saturdays and Sunday mornings. I got mostly As and Bs."

After he graduated in the spring of 1981 with a B.A. in speech communications, Knutsen began his second career as a free-lance publicist. He is currently doing public relations work for Sen. Dave Durenburger, working 15-20 hours a week.

"I don't think of it as retirement," he said. "I'm as active as I want to be."

One firm expressed a strong interest in hiring him fulltime, but Knutsen declined, explaining that he wanted the freedom to take a month or two off in the winter, possibly to go to California.

After all, now that he has his college education, he can afford to take some time off to think things over, maybe do a little travelling before he settles on a second career. Maybe hop a freighter to China.

Chuck Benda

Dr. William Spellacy of Chicago is a professor and head of the department of obstetrics and gynecology at the University of Illinois college of medicine.

'60 *Patricia Fergus* of Minneapolis was retired as associate dean of Mount St. Mary's College in Emmitsburg, Md. She is working as a consultant in business and industrial writing in Minneapolis and is a free-lance writer and editor. She recently completed the fourth edition of *Spelling Improvement: A Program for Self-Instruction*.

'61 *Eugene Glanski* of Minneapolis is an employment partner of Blanski, Wehmhoff, and Zoch, a certified public accountant firm.

D. J. Leary of Minneapolis is president of Media Services Inc. and is a member of the *Minneapolis Star* board of contributors.

Delores Reidel of North Ferrisburg, Va., was ordained into the ministry in the United Church of Christ in April and was appointed assistant minister of the Essex Junction Congregational Church in Vermont.

Wayne Sward of St. Paul is a certified public accountant with his own firm in St. Paul.

Professor William Tomek of Ithaca, N.Y., is the recipient of the "Outstanding Journal Article of the Year Award" of the American Agricultural Economics Association. His article, "Price Behavior on a Declining Terminal Market," appeared in the *American Journal of Agricultural Economics*.

John Troan of Phoenix, Ariz., was selected as one of 200 civic leaders to participate in the first annual Phoenix Town Hall.

Dr. Dennis Welcome of Ridgecrest, Calif., is a surgeon

with the Drummond Medical Group.

'63 *Mary Brecka* of Minneapolis is the secretary for the Riverfront Development coordination board.

Dennis G. Nelson of Woodbury, Minn., has been the placement manager with 3M since 1976 and is a member of the board of directors of Alpha Chi Sigma fraternity, a professional fraternity, for 19 years.

'64 *Thomas D'Andrea* of Schenectady, N.Y., was appointed vice president for academic affairs at Union College. He is former provost

and dean of the faculty at Haverford College, Haverford, Pa. He is chairman of the psychology department at Haverford.

John P. Hake of Wayzata, Minn., is president of Quality Computing Systems Inc. of Minnetonka.

Stephen Harr of Miami, Fla., is the manager of the Supply and Distribution Department of Texaco Latin America/West Africa, a division of Texaco Inc.

'65 *George Huddle* of Eagan, Minn., is a control analyst for the information processing department at Economics Laboratory Inc. of St. Paul.

Carlton C. Miller of Elkhart, Ind., is the technical communications and training specialist for the Ames division of Miles Laboratories Inc.

Steven Wishart of Minneapolis, has been elected senior vice president in investments at Northwestern National Life Insurance Co.

'66 *John Darling Jr.* of Newport News, Va., is an international development consultant, specializing in Africa and the Middle East.

Dexter Whittemore of Maple Grove, Minn., is the president of the Minnesota Society for Child and Adolescent Psychiatry and was elected to the Assembly of the American Academy of Child Psychiatry.

'67 *Robert Denton* of Del Mar, Calif., is the owner and president of a new company, Expanding Images, a photographic studio.

Arthur Greengard, Jr. of Arvada, Colo., is the Denver regional manager of F. M. Fox and Associates Inc., consulting engineers and geologists.

Ronald J. Johnson of River Falls, Wis., is chairman of the department of education at the University of Wisconsin in River Falls.

Dennis Nelson of Denver is a psychotherapist in private practice.

Henry J. Richards of Buffalo, N.Y., is a professor of Spanish in the department of modern languages, State University of New York at Buffalo.

Douglas J. Schmalz of Omaha, Neb., is an assistant corporate controller for Con Agra Inc., in Omaha.

'68 *Raymond Boge* of La Crosse, Wis., is a radiation physicist with the Gundersen Clinic.

Jeffrey Holtmeier of Plymouth, Minn., is the senior editor of college textbooks, Burgess Publishing Co. of Minneapolis. His wife, *Karen Holtmeier*, '78, is a registered dietitian and health consultant for Staywell Executive Program, a Control Data Co. She's also a dietitian in private practice.

Elaine Landergan of Washburn, Wis., is the head nurse in the department of medicine, Memorial Medical Center in Ashland, Wis. *Mark Landergan*, '68, is the vice president of R. W. Gorman Association of Washburn and president of the Washburn City Council.

Diane Phillippi of St. Paul is a social worker at the Ramsey County community human services department.

William Zallar of Chisholm,

Minn., is a fifth grade teacher with the Duluth public schools.

'69 *Margaret Hoopes* of Provo, Utah, is an associate professor at Brigham Young University. She teaches marriage and family therapy in a comprehensive clinic, which is considered a new concept in training and service.

Jean Kohlmeyer of San Francisco is the executive officer of the Naval Investigative service office in Aubic Bay, Republic of the Philippines.

Duane Lambrecht of New Ulm, Minn., is the new president of Shelter Products, Inc. as well as president of the New Ulm United Way.

B. J. Mahling of Minneapolis is the manager of communications services of the Dayton Hudson Corp.

Clifford L. Olson of St. Louis, Mo., was promoted to principal of the consulting division at Peat Marwick and Mitchell.

Barbara J. Ross of Redwood Falls, Minn., is the editor of the *Redwood Gazette* and a professional photographer. She is also a member of the Minnesota Inventors Congress board of directors.

Michael Tupa of Aurora, Colo., is a landscape architect specializing in mine reclamation design in the Rocky Mountain region.

'70 *Duane Adams* is teaching computer programming at the Minneapolis Technical Institute.

Robert C. Beattie of Princeton, Minn., was elected to a three-year term on the Princeton school board.

William Bingham of Milwaukee, Wis., is a registered pharmacist with Mt. Sinai Medical Center.

Major Elisabeth Gibson of Woodbridge, Va., is a military social aide to the White House and the executive officer to the United States Army's director of human resources development in Washington, D.C.

Lawrence Goga of Brooklyn Grove, Minn., is an investigator for the office of the legislative auditor, State of Minnesota.

Terry M. Johnson of Mobile, Ala., is manager of labor relations for the Scott Paper Co.

Barbara Jean Jones of Denver, Colo., is a sixth grade teacher in the Jefferson County public schools and is a student in the doctorate program in school administration at Denver University.

Kathryn Kerriek of Minnetonka, Minn., is vice president of English at Advance Circuits Inc.

Richard Minday of Stillwater, Minn., is a research manager for 3M Laboratories in St. Paul.

John C. Qualy of Minneapolis is vice president of sales for Farmers Insurance.

Paul Stanger of Des Moines, Iowa, has been named an assistant to the president of Central Life Assurance Co. in Des Moines.

Helen Swanson of Burnsville, Minn., is the owner of Intra-Design, an interior design studio and is president of a business consulting firm.

'71 *Wayne Dankowski II* of Mexico, Mo., is a manager for the internal audit



CPCU President-Elect

Frans R. Eliason, '62, Milwaukee, has been elected president-elect of the Society of Chartered Property and Casualty Underwriters, a professional group with more than 12,000 members.

department of A. P. Green Refractories Co.

Bruce Schmidt of St. Paul is a field test engineer for Economics Laboratory.

Sandra Stewart of Fostoria, Ohio received her master's in educational administration from Ohio State University.

Sherry (Kalin) Weinberg of Burnsville, Minn., is a human factors consultant for Control Data Corp.

'72 James Barnum of St. Paul is the former director of membership programs for the Minnesota Alumni Association. He is a second-year student at William Mitchell College of Law in St. Paul and also is a law clerk for Jesse and Cosgrove in Minneapolis.

William Bren of Plymouth, Minn., is the Eastern regional sales manager for the Spencer Kellogg division of Textron Inc., Rutherford, N.J.

John Musich of Deerfield, Ill., is an assistant professor in the obstetrics department at the University of Illinois college of medicine. He is the director of the gynecology division and is a member of the reproductive endocrinology and infertility division.

Eric S. Nelson of Minneapolis is an instructor in the program of English as a second language at the University of Minnesota.

'73 Victoria Bleise of Edina, Minn., is an account executive with Northwestern Bell and on the College of Liberal Arts Alumni Board.

Patricia A. Burke of St. Paul, is an attorney for the Minneso-

ta Gas Co. specializing in public utility rate litigation and environmental law.

Richard C. Krueger of Golden Valley, Minn., was appointed manager of compensation at General Mills. He provides corporate compensation support to the company's toy and restaurant groups and coordinates compensation issues for General Mills' international operations.

Janice A. Meyer of St. Paul is manager of Human Resources for United Airlines.

Jerome Portlance of New Brighton, Minn., is a department supervisor with Honeywell.

Ken C. Winters of Setauket, N.Y., published three articles in the *American Psychological Association Journal*. **Mary K. Winters**, '73, is an assistant professor at Suffolk County Community College in Seldon, N.Y.

'74 Willie L. Anderson of Marietta, Ga., is a shift manager for IBM's field engineering division.

Charles Canning of Hendrum, Minn., is president of Canning Grain Farms Inc.

Patrick Donoho of Twinburg, Ohio, is director of state government affairs for Revco D.S. Inc. He will represent Revco to trade associations. Revco owns and operates retail drug stores throughout the country.

John Katzmark of West St. Paul, is a senior financial analyst for North West Computer Services.

Pamela Skeels of Shady Cove, Ore., is a forester in the Prospect ranger district of the

Rogue River National Forest. Her husband is also an employee of the Rogue River National Forest.

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

'75 William Breitbarth of Fort Worth, Texas, is vice president and treasurer of the Western Savings and Loan Association. He is a certified public accountant.

David R. Carlsen of Minneapolis, after graduating from Georgetown University Law Center, is practicing law with Carlsen Greiner and Law.

Robert E. Erickson of Hazel Crest, Ill., is an oil movements specialist with Standard Oil Co. in Chicago.

Marie A. Furton of Falcon Heights, Minn., is an industrial relations representative with General Mills Inc.

Gwen Gallant of Las Vegas, Nev., is a telemetry coordinator at Sunrise Hospital in Las Vegas.

'76 Robert Brace of Bloomington, Minn., is the manager of the management information systems for the Henkel Corp. of Minneapolis.

Robert Edholm of Coon Rapids, Minn., is a writer and photographer, employed at Prudential Insurance Co. as an audiovisual specialist in the sales promotion division.

Steven Groth of Huntington Beach, Calif., is practicing emergency medicine in Newport Beach, Calif.

Myrna M. Halbach of St. Paul graduated with a bache-

lor's degree in civil engineering.

Diana R. Lee of New Ulm is working for Brown County Family Service Center as a homemaker.

Mark Malmberg of Oakes, N.D., is out of the Navy and is practicing dentistry.

Dwight McFerran is a computer products buyer for Team Electronics.

Jullene Olmsted of Toledo, Ohio, works for WTOL-TV in Toledo as a noon anchorwoman and reporter. She is the 1981 recipient of the "Paul S. Noblitt School Bell Award" for the best TV education reporting in Ohio.

Daniel G. Winter of Chesapeake, Va., is the new superintendent of Cargill Inc. of Lockport, Ill.

'77 Morrie L. Arenson of Hopkins, Minn., is a regional sales manager for Interstate Manufacturing and Supply of St. Louis Park.

John Barbato of Carona, Calif., is a resident engineer at the 3M plant there.

Paul Capiz of St. Paul, is an assistant to the executive vice president of I.C. System Inc. of St. Paul.

Jay T. Hartman of New Brighton, Minn., is an attorney with Gilmore, deLambert, Aafedt, Eustis, and Forde in Minneapolis.

Janice H. Jensen of New Brighton, Minn., is a keyliner at Compatype Inc. in St. Paul.

'78 Dr. Linn Konrad is an assistant professor of French at Rice University.

Susan M. Nielsen of St. Paul, is working as a tax consultant

Medical Chairman Picked
Dr. Max Harry Weil, '57, Chicago, has been named chairman of the department of medicine at the University of Health Sciences/The Chicago Medical School, North Chicago.



for Comprehensive Tax Management Inc.

Timothy J. Polland of Portage, Wis., is chief financial officer for Divine Savior Hospital Inc. in Portage.

Kevin D. Smith of St. Paul is working as a senior business analyst with the St. Paul Bank for Cooperatives.

'79 *Cheryl L. Bann* of Bloomington, Minn., is a market research analyst at General Mills and active in the 451st Army band and the medalist band in Bloomington.

Thomas M. Christensen of Ithaca, N.Y., received his master's degree in applied physics from Cornell University in August.

Joy E. Swanson of Corvallis, Ore., is expected to complete a master's in food science from Oregon State University this month and will begin a doctorate program at Cornell University in the spring.

'80 *Stephen Behling* of Minneapolis, is a sales representative for Scarp-Heilman Co.

J. C. Hawthorne of Wayzata,

Minn., is an associate responsible for statistical research, industry comparables, trial support, and computer programming for Hawthorne, Taylor and Co., corporate financial consultants.

'81 *Dr. James H. Baker* is practicing dentistry with his grandfather *Dr. Harold L. Harris*, '23, in Denver.

Priscilla Hagen of Newberry, S.C., is an instructor of speech and theater at Newberry College.

Deaths

Mabel Dunnavan, '19 of Pompano Beach, Fla., on Oct. 10, 1979.

Louis A. Hoffman, '22, of San Jose, Calif., on Oct. 16, 1976.

Esther (Bjornstad) Rowlesin, '23, on Feb. 17, 1981.

W. Lyle Borst, '24, of Edina, Minn. on Feb. 23, 1980.

Haswell E. Staehle, '24, of Columbus, Ohio on Sept. 15, 1981.

Harold S. Fink, '24, of Knoxville, Tenn. on Oct. 4, 1981. He was professor emeritus of history at the University of Tennessee.

Lew W. Cornell, '27 of Mound, Minn.

Carl R. Barthelemy, '28, of Canton, Ill. on Aug. 2, 1980.

Mrs. John W. Ramaley, '30, of Mahtomedi, Minn., on May 28, 1981.

Mrs. W. B. Rasmussen, '31, of Fisher, Minn.

Angus E. (Gus) Cameron, of Oak Ridge, Tenn. on Sept. 8, 1981. Most of his career was spent in designing instrumentation and solving analytical problems in the Oak Ridge atomic plant. He specialized in the measurement of isotopic abundances of the elements and since 1959 served on the International Commission on Atomic Weights. He retired from the Oak Ridge National Laboratory in 1971, and received the University's Outstanding Achievement Award in 1955.

Dr. Paul T. Erickson, '32, of Decatur, Ga., on Oct. 15, 1981.

Kenneth L. Howard, '33 of Deerfield, Ill., on Sept. 18, 1981.

Ralph H. Larson, '34, of Bradenton, Fla., on Aug. 9, 1981 on Isaac Island, Georgian Bay, Ontario, Canada.

Allan L. West, '39, of Bel Air, Md. on Oct. 22, 1981, in Baltimore, Md.

Donald A. Hermanson, '40, of Pleasantville, N.Y., on July 25, 1981.

Gilma M. Olson, '40, of Eldora, Iowa, on Jan. 3, '80 in Ames, Iowa.

Russell S. Peterson, '41, of St. Paul.

Vance N. Thysell, '41 of Moorhead, Minn., on March 9, 1981. He was a senior partner in the law firm of Thysell, Gjevre, McLarnan, Hannaher, Vaa, and Skatvold.

Aili L. Pelto, '44, of Minneapolis, Minn.

Dr. Dick Korhuis, '46, of St. Paul.

*Garfield Lovaa*s, '46, of Minneapolis, on Aug. 4, 1981.

Eleanor F. Mock, '47, of St. Paul.

Martin J. Korsman, '48, of Farmington, Minn.

Stanley G. Wold, '48, of Minneapolis.

Oral A. Solbro, '49, of Minneapolis.

Thomas Monte, '53, of Minneapolis.

Dr. James R. Schlichting, '54, of The Dalles, Ore., on April 14, 1981.

Clifford E. Rucker, '55, of Sun City, Ariz. on July 17, 1979.

Robert F. Meinecke, '58, of Plymouth, Minn.

Robert S. Friesen, '59, of Delft, Minn.

Donald K. Johnson, '60, of Minneapolis, on Oct. 15, 1981.

Marjorie L. Reeves, '62, of Excelsior, Minn.

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

Robert W. Morris, '66, of Edina, Minn. on May 16, 1981.

Stephanie H. Bloomberg, '73, of St. Paul.

Answers to College Bowl Quiz:

1. Roger Chillingsworth; 2. The Bayeux Tapestry; 3. They all played the role of Charlie Chan; 4. Rod Carew; 5.a. a gam or a pod; 5.b. a pride; 5.c. an exultation.

MOVING?

Please help your Minnesota Alumni Association reduce the cost of postage by telling us when and where you are moving. You can help too, by telling us of a friend whom you know to be an alumnus or alumna that has moved. Thanks for your help!

Name _____
(Please use the name under which you graduated)

Degree(s) you received and the year _____

YOUR NEW ADDRESS

Street _____

City & State _____ Zip _____

Please attach the old address label here:

Please mail to Minnesota magazine, 100 Morrill Hall, 100 Church Street SE, Minneapolis, MN 55455.

COME BACK TO THE 'U'...FOR LIFE!

Life membership in the Minnesota Alumni Association is an economical and easy way to ensure a lasting affiliation with the University of Minnesota.

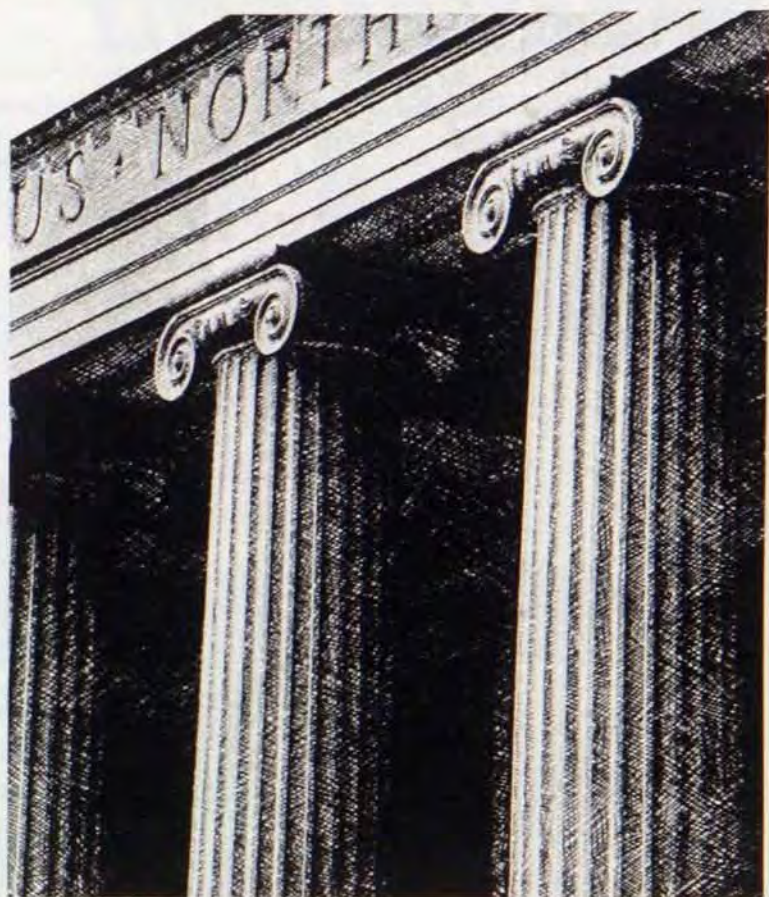
Life memberships are available in two ways: a single payment or an installment payment plan. Following is a partial list of installment life members as of June:

Installment Life Members June 1981

- Aanerud, Melvin; '64 CLA; Columbia Heights
- Abelin, James M.; '49 CLA; Minnetonka
- Abrahamson, Dr. Bruce E.; '60 DENT; Minneapolis
- Abrams, Norman N.; '47 GC; St. Louis Park
- Abramson, Dr. Burton; '56 MED; Hopkins
- Abramson, (Mrs. Burton), Carolyn; '53 ED; Hopkins
- Adamson, Lois; '79 IT; Westminster, Calif.
- Adelsheim, Maurice Jr.; '36 LAW; Long Lake
- Adelsheim, (Mrs. Maurice Jr.), Ann A.; Long Lake
- Addy, Dr. Richard T.; '47 DENT; Osceola, Wis.
- Addy, (Mrs. Richard T.), Mildred O.; '48 CLA; Osceola, Wis.
- Aho, Robert W.; '78 GRAD; Haslett, Mich.
- Allen, Thomas K.; '72 CLA; Minneapolis
- Ammentorp, Raymond; '67 ED; W. Covina, Calif.
- Andersen, Sandra L. Wallin; '58 ED; Minnetonka
- Anderson, Calvin J.; '48 LAW; Wayzata
- Anderson, (Mrs. Calvin J.), Sarah; '48 ED; Wayzata
- Anderson, Edward A.; '74 DENT; Jamestown, N.D.
- Anderson, Francis O.; '61 BUS; Chanhassen
- Anderson, James H.; '59 BUS; San Diego, Calif.
- Anderson, Dr. John T.; '61 MED; Shorewood, Wis.
- Anderson, (Mrs. John T.), Mary Concidine; '61 NURS; Shorewood, Wis.
- Anderson, Keith O.; '59 ED; Northfield, Minn.
- Anderson, (Mrs. Keith O.), Beverly A. Resell; '58 ED; Northfield, Minn.
- Anderson, Lawrence M.; '49 IT; Duluth
- Anderson, (Mrs. Lawrence M.), Cynthia W.; '50 NURS; Duluth
- Anderson, Lianne Mae; '72 CLA; St. Paul
- Anderson, Louis L.; '56 BUS; Robbinsdale
- Anderson, Lowell A.; '61 BUS; Hugo, Minn.
- Anderson, Merle; Anoka
- Anderson, Orris M.; '69 IT; Clawson, Mich.
- Anderson, Patricia K.; '71 HE; Edina
- Anderson, Roger B.; '72 IT; Minneapolis
- Anderson, (Mrs. Roger B.), Marion L.; Minneapolis
- Anderson, Stephen F.; '73 DENT; Cape Coral, Fla.
- Anderson, Wallace V.; '49 IT; Minneapolis
- Anderson, William A. L. Jr.; '54 ED; Minneapolis
- Anderson, (Mrs. William A. L. Jr.), Peggy A. Weaver; '63 GRAD; Minneapolis
- Anderson, Dr. William E.; '54 MED; Cumberland, Md.
- Andreassen, Dr. Rolf L.; '46 MED; Minneapolis
- Andrews, Mary E.; '44 HE; Roseville
- Andrus, Robert Guy; '77 IT; Houston
- Angrist, James F.; '74 UCOL; Minneapolis
- Angrist, (Mrs. James F.), Georgine L.; '73 ED; Minneapolis
- Antoncich, Dr. Anthony F.; '41 DENT; St. Paul
- Antoncich, (Mrs. Anthony F.), Marjorie Gormican; '31 DENHY; St. Paul
- Arid, Bruce D.; '78 CLA; Minneapolis
- Arnesen, Dr. Paul M.; Mankato
- Arnold, Victoria R.; '80 CLA; Grafton, Wis.
- Arnsdorf, Bradley; '78 AG; Lombard, Ill.
- Arves, Eugene B.; '69 UCOL; Prior Lake
- Atluri, Sri Radha Krishna Prasad; '78 GRAD; Hoffman Estates, Ill.
- Austin, Kenneth L.; '48 PH; Owatonna, Minn.
- Averbook, Daniel Z.; '63 BUS; Miami Beach, FL
- Baichtal, Harold; '68 CLA; Minneapolis
- Baker, Gail Dyer; '78 CLA; Bloomington
- Ballantine, Richard G.; '70 GRAD; Bloomington
- Balow, Irving H.; '59 GRAD; Riverside, Calif.
- Balto, Irving; '49 BUS; Minneapolis
- Barden, James R.; '77 ED; New Brighton
- Barden, (Mrs. James R.), Wenette P. Anderson; '77 ED; New Brighton
- Barger, Charles S. Jr.; '54 IT; Bloomington
- Barker, Dr. James M.; '76 MED; St. Paul
- Barker, (Mrs. James M.), Susan J.; '78 CLA; St. Paul
- Barker, Stephen; '80 DENT; Minneapolis
- Barker, (Mrs. Stephen), Ellen Burke; '78 NURS; Minneapolis
- Barnes, Thomas D.; '79 PH; Bradley, Ill.
- Barr, Dr. Maxwell M.; '43 MED; Minneapolis
- Barr, (Mrs. Maxwell M.), Ethel D.; Minneapolis
- Bart, Dr. Bruce J.; '61 MED; Minneapolis
- Bart, (Mrs. Bruce J.), Harriet J.; '76 UCOL; Minneapolis
- Bartz, David J.; '79 GRAD; Madison, Wis.
- Bassford, Charles A.; '34 GC; Minneapolis
- Bassford, (Mrs. Charles A.), Ruby H.; Minneapolis
- Batzli, James O.; '50 IT; Edina
- Batzli, (Mrs. James O.), Margy E.; '47 CLA; Edina
- Bauer, Walter G.; '62 GRAD; Dickinson, Texas
- Bauernfeind, Timothy P.; '78 ED; Hudson, Wis.
- Bauernfeind, (Mrs. Timothy P.), Teresa; '80 Ed; Hudson, Wis.
- Beasley, Gerald F.; '80 CLA; Anoka
- Beaver, Dr. Bonnie G.; '68 VET M.; College Station, Texas
- Beccue, Boyd; '79 LAW; Willmar, Minn.
- Becker, Joyce; '71 CLA; Washington Township, N.J.
- Beekman, Dr. John A.; '63 GRAD; Muncie, Ind.
- Beeson, Richard; '76 CLA; St. Paul
- Behan, John C.; '71 CLA; San Antonio, Texas
- Behning, Dr. Earl M.; '49 DENT; Austin
- Behr, Michael; '59 GRAD; Superior, Wis.
- Belejack, John; '56 GRAD; W. Orange, N.J.
- Belz, James M.; '69 IT; Edmonds, Wash.
- Bendel, Dr. Richard P.; '59 MED; Minneapolis
- Bengtson, Dr. G. A.; '46 DENT; Dassel, Minn.
- Benoy, Dwight D.; '77 IT; Roseville
- Benoy, (Mrs. Dwight D.), Patricia A. Fleming; '80 IT; Roseville
- Bentson, Nathan L.; '43 IT; St. Paul
- Benzyck, Allen B.; '46 IT; Minneapolis
- Bergh, Dr. George S. Jr.; '73 GRAD; St. Paul
- Berglund, John E.; '68 CLA; St. Paul
- Bergmanis, Laima E.; '61 PT; Minneapolis
- Bersu, Dr. Edward T.; '68 DULUTH; Madison, Wis.
- Beseke, Kermit M.; '72 IT; Sparta, N.J.
- Beseke, (Mrs. Kermit M.), Donna; Sparta, N.J.
- Beske, Werner J.; '75 GRAD; Lakeland, Minn.
- Beske, (Mrs. Werner J.), Ethel J. Potter; '64 NURS; Lakeland, Minn.
- Bettin, Kristine; '73 BIOSC; Coon Rapids
- Bezdicek, Frank A.; '70 AG; Shoreview
- Bhimani, Fazil H.; '76 IT; Naperville, Ill.
- Biebel, Harold M.; Minnetonka
- Biebel, (Mrs. Harold M.), Joan K.; '78 CLA; Minnetonka
- Biesterfeld, Dr. Robert C.; '73 DENT; Golden Valley
- Birnberg, Ralph M.; '59 GC; Hollywood, Fla.
- Bjork, Ruth A.; '47 ED; Faribault, Minn.
- Bjornson, David L.; '64 PH; Olympia, Wash.
- Black, Jane R.; '74 CLA; Minneapolis

- Black, Thomas P.; '58 IT; Portuguese Bend, Calif.
- Black, (Mrs. Thomas P.), Marlene C. Dahlgren; '58 ED; Portuguese Bend, Calif.
- Blake, Paul S.; '43 MED; Minnetonka
- Blank, H. R.; '57 CLA; Minneapolis
- Blatnick, Michael T.; '69 DULUTH; Duluth
- Bloom, Dr. Charles H.; '58 MED; Hinckley, Minn.
- Bloom, Jennifer D.; '78 CLA; Wyoming, Minn.
- Boeder, Carl A.; '54 BUS; Bloomington
- Boehm, Sandra R.; '80 CLA; St. Paul
- Bogle, Jack L.; '50 CLA; Minnetonka
- Bolla, Kay S.; '73 NURS; San Francisco
- Bong, Dr. Douglas E.; '45 DENT; Minneapolis
- Bonicatto, Lawrence P.; '60 IT; Iron Mountain, Mich.
- Booren, Hal F.; '34 CLA; Downers Grove, Ill.
- Booren, (Mrs. Hal F.), Fern L.; Downers Grove, Ill.
- Born, Robert F.; '47 IT; Hinsdale, Ill.
- Born, (Mrs. Robert F.), Donna C. Rask; '47 CLA; Hinsdale, Ill.
- Boss, Garrett W.; '56 BUS; Burnsville
- Botzek, Gary; '78 GRAD; St. Paul
- Bowden, W. C.; '60 GRAD; Brunswick, Ga.
- Bowland, Bruce K.; '71 ED; Minneapolis
- Bowles, William R.; '73 CLA; Santa Clara, Calif.
- Brady, Marguerite R. Lehmann; '71 ED; Minneapolis
- Bragg, Richard J.; '80 ED; St. Paul
- Bragg, (Mrs. Richard J.), Margaret A.; St. Paul
- Brandt, John L.; '54 IT; Hibbing, Minn.
- Braucht, David W.; '76 IT; Madison, Wis.
- Bredemus, James C.; '49 IT; La Porte, Minn.
- Brekke, Michele A.; '77 GRAD; Friendswood, Texas
- Bress, Michael E.; '57 LAW; Minneapolis
- Bress, (Mrs. Michael E.), Grace Billings; '55 CLA; Minneapolis
- Bressler, Barbara B.; '72 ED; Skokie, Ill.
- Brochman, Philip G.; '78 IT; Bremerton, Wash.
- Brockway, Dr. Robert G.; '75 DENT; Fulda, Minn.
- Brodie, Michael J.; '74 GRAD; St. Paul
- Brodie, (Mrs. Michael J.), Jane S.; '81 GRAD; St. Paul
- Brow, Dr. James E., Jr.; '54 MED; St. Paul
- Brow, (Mrs. James E.), Marilee; St. Paul
- Brown, Donald P.; St. Paul
- Brown, Gail; '80 CLA; St. Louis Park
- Brown, Judson T.; '49 IT; Sheboygan, Wis.
- Brown, Richard W.; '81 AG; Dundas, Minn.
- Brown, Stephen C.; '74 MORRIS; Minneapolis
- Bruch, Jeffrey; '78 GRAD; Robbinsdale
- Bruggeman, James E.; Rosemount
- Brunelle, Dr. Thomas E.; '68 GRAD; W. St. Paul
- Brunelle, (Mrs. Thomas E.), Sheila A.; '81 PH; W. St. Paul
- Brunfelt, Scott R.; '80 BUS; Minneapolis
- Brunzell, Myrle E.; '47 ED; Minneapolis
- Buck, Charles F.; '75 CLA; Detroit Lakes, Minn.
- Budde, Jeffrey G.; '80 BUS; Minneapolis
- Bulger, Robert E.; '51 PHARM; St. Paul
- Bulger, Robert R.; '76 BIOSC; Marietta, Ga.
- Bull, Benjamin S. III; '56 GC; Scottsdale, Ariz.
- Burquest, Dr. James; '69 DENT; Littleton, Colo.
- Burt, Barbara; '75 BUS; Vienna, Va.
- Burtn, Richard S.; '70 IT; Brick, N.J.
- Buscher, M. Lisa; '80 NURS; St. Louis Park
- Bush, David G.; '50 GRAD; Rochester, N.Y.
- Buskirk, James R.; '76 MED; Topeka, Kan.
- Bussman, Dr. John W.; '47 MED; Portland, Ore.
- Butterfield, Max A.; '47 IT; Silver Spring, Md.
- Buuck, Robert E.; '72 GRAD; Minnetonka
- Caffrey, Balva M.; '67 CLA; Minneapolis
- Cahill, James D.; '49 LAW; Moorhead, Minn.
- Callery, Daniel; '77 AG; Worthington, Minn.
- Campaigne, Dr. Robert J.; '58 MED; Duluth
- Cane, Mark S.; '79 GRAD; St. Paul
- Carlson, Roger E.; '43 BUS; Roseville
- Carlson, (Mrs. Roger E.), Marion H.; '45 HE; Roseville
- Carlson, Rubie M.; '24 NURS; S. St. Paul
- Carr, Edward M.; '52 GRAD; Cockeysville, Md.
- Carroll, Michael C.; '76 PH; Pensacola, Fla.
- Carter, Sandra B.; '58 MEDTC; Minneapolis
- Castro, Jose M.; '80 GRAD; Bahia Blanca, Argentina
- Cavert, Dr. H. Mead; '52 GRAD; Minneapolis
- Cavert, (Mrs. H. Mead), June S.; '43 HE; Minneapolis
- Chamberlain, William R.; '41 BUS; Deerwood, Minn.
- Champlin, G. Charles; '60 CLA; Faribault, Minn.
- Charmoli, Richard J.; '65 DULUTH; Grand Blanc, Mich.
- Chase, Dennis B.; '65 DULUTH; Santa Cruz, Calif.
- Chelseth, Archie D.; '68 GRAD; Cloquet, Minn.
- Chelseth, (Mrs. Archie D.), Gretchen J. Kaufmann; '75 CLA; Cloquet, Minn.
- Chilton, Darrell W.; '41 DULUTH; St. Paul
- Chisholm, John F.; '60 IT; W. Newton, Mass.
- Chowins, Richard D. Jr.; '71 GRAD; Minneapolis
- Christenson, Howard L.; '41 LAW; Clayton, N.Y.
- Christenson, Winton J.; '38 PHARM; Rushford, Minn.
- Christesen, Beryle; '68 MED; Edina
- Churchill, Dr. Jack L.; '78 DENT; Rochester
- Clark, Anita R. Mallory; '68 ED; Arlington, Texas
- Clark, James H.; '57 IT; Florissant, Mo.
- Clarke, Cleophus C.; '73 GRAD; Minneapolis
- Clarke, (Mrs. Cleophus C.), Mildred O.; Minneapolis
- Cleveland, Margaret L.; '68 NURS; Duluth
- Cline, Pamela K.; Minneapolis
- Cohen, Linda J.; '80 BIOSC; Minneapolis
- Cohn, Victor E.; '41 CLA; Chevy Chase, Md.
- Coit, William G.; '79 GRAD; Houston
- Coit, (Mrs. William G.), Beverly A. Ness; '78 CLA; Houston
- Collins, Charles H.; '50 IT; Waterford, Mich.
- Concklin, Charles W.; '73 IT; Seward, Neb.
- Conlan, Nita C.; '80 GC; Stillwater
- Connell, Gary L.; '68 IT; Torrance, Calif.
- Connor, Arnold G.; '51 IT; Hibbing, Minn.
- Cook, Dr. Calvin F.; '49 DENT; Turtle Lake, Wis.
- Cook, Margaret A.; '54 CLA; Garden Grove, Calif.
- Considine, Donald P.; '49 BUS; Indianapolis
- Cooper, Francis L.; '41 CLA; Dunedin, Fla.
- Copeland, Dr. Dennis D.; '68 VET M.; Shawnee, Kan.
- Cornell, Richard E.; '72 BUS; Arden Hills
- Corrow, James L.; '73 BUS; Robbinsdale
- Cosgrove, Zoe L.; '53 CLA; Los Angeles
- Costello, Ernest J.; '62 GRAD; W. St. Paul
- Couillard, Edith J.; '46 NURS; Minneapolis
- Coward, Mary Jane; '70 CLA; Raleigh, N.C.
- Cummings, William D.; '53 BUS; Bloomington
- Cunningham, Charles G.; Minneapolis
- Custer, Dr. James R.; '67 MED; Dubuque, Iowa
- Custer, (Mrs. James R.), Judith A.; Dubuque, Iowa
- Daby, Lee K.; '57 AGED; Campbell, Minn.
- Daby, (Mrs. Lee K.), Kareen A.; '57 HE; Campbell, Minn.
- Dahl, Christopher T.; '67 CLA; Wayzata
- Dahl, Milo D.; '80 IT; Minneapolis
- Dahlof, James E.; '48 IT; Hopkins
- Dalbey, Wendell C.; '71 CLA; Arvada, Colo.
- Damhof, Darrel W.; '70 BUS; Plymouth
- Danielson, R. W.; '50 IT; La Mesa, Calif.
- Davidoff, Eugene; '62 GC; Mitchellville, Md.
- Davis, Emmett A.; '72 GRAD; St. Paul
- Davis, Mark R.; '80 DULUTH; Edina
- Davis, Robert M.; '58 GC; Los Gatos, Calif.
- Deherder, David W., Jr.; '78 IT; St. Paul
- Delaney, William L.; '62 BUS; Brooklyn Center
- Delaney, (Mrs. William L.), Mary L. Forsch; '66 ED; Brooklyn Center
- Demko, Nancy S.; '72 CLA; St. Paul
- Devine, Thomas W.; '79 CLA; St. Paul
- Dicke, Paula R.; '77 GRAD; Hudson, Wis.
- Digatono, Richard J.; '68 CLA; Dayton, Minn.
- Dolan, William M., Jr.; '39 BUS; Minneapolis
- Doherty, John W.; '49 GC; St. Paul
- Donlin, Janet D.; '77 MEDTC; St. Paul
- Donnelly, James C.; '72 LAW; Olivia, Minn.
- Douglas, Bruce J.; '73 CLA; Edina
- Douglas, (Mrs. Bruce J.), Shari Baldinger; '79 GRAD; Edina

Douglas, David S.; Buffalo, Minn.
 Douglas, (Mrs. David S.), Anna Jenasko; '37 ED; Buffalo, Minn.
 Drake, Thomas F.; '72 GRAD; St. Paul
 Dudley, Karen Anne; '79 LAW; St. Paul
 Durigan, Owen S.; '65 GRAD; Waukesha, Wis.
 Dye, Robert R.; '50 IT; Culver City, Calif.
 Eastlund, Warren E.; '51 LAW; Minneapolis
 Eaton, Robert F.; '53 LAW; Duluth
 Eaton, (Mrs. Robert F.), Ruth Ann W.; '51 HE; Duluth
 Ebbesen, Bob B.; '52 LAW; Redwood Falls, Minn.
 Eberhardt, Dr. Harold R.; '68 DENT; Edina
 Edie, Eugene L.; '73 BUS; Minneapolis
 Edin, Richard E.; '72 BUS; Edina
 Egan, Ellen C.; '61 NURS; Minneapolis
 Egan, William T.; '50 LAW; Edina
 Egan, (Mrs. William T.), Mary Oss; '48 CLA; Edina
 Egge, Gerald; '70 DENT; Golden Valley
 Eggert, Francis J.; '74 LAW; Winsted, Minn.
 Eggert, (Mrs. Francis J.), Janet M.; Winsted, Minn.
 Eichacker, Charles R.; '63 MORSC; Lakeland Shores, Minn.
 Eichacker, (Mrs. Charles R.), JoAnn; '60 CLA; Lakeland Shores, Minn.
 Einhorn, Dr. Michael A.; '77 DENT; Stanley, Wis.
 Ekberg, Howard C.; '54 PHARM; Minneapolis
 Ekberg, (Mrs. Howard C.), Marlene L.; '71 ED; Minneapolis
 Elder, Larry T.; '71 CLA; Minneapolis
 Ellingson, Alice Bjella; '49 CLA; Odessa, Minn.
 Elliott, William W., Jr.; '79 UCOL; Columbia Heights
 Engbretson, Duane H.; '43 PHARM; Devils Lake, N.D.
 Engbretson, A. Maynard; '58 IT; St. Louis
 Engbretson, (Mrs. A. Maynard), Marianne; '57 CLA; St. Louis
 Engelke, James; '68 IT; Jackson, Wyo.
 Englund, Dr. Garth W.; '55 MED; Fort Collins, Colo.
 Enke, Carol A.; Minneapolis
 Erickson, Deborah L.; '72 CLA; Norwalk, Conn.
 Erickson, Dr. James H.; '75 PH; De Kalb, Ill.
 Erickson, Dr. Myron E.; '48 MED; Minneapolis
 Erickson, Robert E.; '74 DENT; Madison, Wis.
 Evans, Edward T., Jr.; '57 IT; Duluth
 Evans, Richard M.; '68 LAW; Fairfax, Va.
 Evans, (Mrs. Richard M.), '71 CLA; Fairfax, Va.
 Evert, John F.; '64 GRAD; Stillwater, Minn.
 Ewens, Elizabeth A.; '79 HE; Roseville
 Fabel, Craig B.; '69 CLA; Jamestown, N.D.
 Fabel, (Mrs. Craig B.), Carol J.; '68 ED; Jamestown, N.D.



STRENGTH AND STABILITY

A sound education adds much to your life. Giving something back also has great benefits. Through a charitable gift, the University of Minnesota grows stronger and more stable, and with your gift, we can help you arrange a "stream of income" for you and for those you love. It's security for the future, in your own terms. For more information, send the coupon below or call us at (612) 373-9934.

Please send me more information about how you can help me plan a secure future.

Name _____

Address _____

City _____ State _____ ZIP _____

Class Year _____ Major _____

Telephone _____ Birthdate _____

Send to: Planned Giving Office • University of Minnesota Foundation
 120 Morrill Hall • 100 Church St. SE • Minneapolis, Minnesota 55455

UNIVERSITY OF MINNESOTA FOUNDATION

ONCE OVER LIGHTLY



A 'Cow'tastrophe

Shortly after we got to the cow, she jolted and fell over. Like a building falls. I had to step out of the way to avoid being hit."

That was Peter Guidera, 20, talking about his and Nancy Nelson's,

19, Homecoming experience a few weeks ago. They were candidates for king and queen.

The cow-milking contest has been a part of the Homecoming tradition for five years.

Neither Peter (from Wayzata) nor Nancy (from Edina) had ever milked a cow.

Somebody called for a veterinarian to come look at the 1,000-pound, three-year-old Jersey.

The cow, the vet said, died following a heart attack.

UNIVERSITY OF MINNESOTA
CONCERT BAND & JAZZ ENSEMBLE'S

CONCERT IN NEW YORK CITY

DELUXE EXCURSION PROGRAM SPONSORED
BY THE MINNESOTA ALUMNI ASSOCIATION

FRIDAY, MARCH 26, TO SUNDAY, MARCH 28, 1982

**YOUR SPECIAL PACKAGE
INCLUDES THESE
SUGGESTED FEATURES:**

- * Travel wallet with bag tags, restaurant, activities guide, and maps.
- * Round trip jet flights from the Twin Cities to New York City via Republic or Northwest Airlines in and out of LaGuardia or Kennedy airports.
- * Appropriate hot meal and beverage service on all flights en route.
- * All tips for baggage handling in and out of airport and hotel.
- * Selected accommodations at the Marriott Essex House on Central Park South.
- * Welcoming cash bar reception with hors d'oeuvres in a private room.
- * Reserved seat at nearby Carnegie Hall for University of Minnesota Wind Ensemble.
- * Optional activities such as shopping, theater, museums, concerts.
- * Stayovers may be arranged by prior request — air tickets are valid up to 30 days.

- * Applicable taxes and service charges for all specified features.
- * MAA and VANTAGE staff to provide full continuity and desired assistance.

COST SCHEDULE:

- \$499 a person double occupancy
- \$479 a person triple occupancy
- \$429 for two children in same room with parents
- \$469 a person quadruple occupancy
- \$599 a person single occupancy

Friday, March 26

Check in at Minneapolis-St. Paul International Airport main terminal leaving via Republic or Northwest Airlines from 7-8:30 a.m. . . . breakfast served en route . . . arrive New York LaGuardia or Kennedy airports between 11 a.m. and 1 p.m. and transfer to the Marriott Essex House with sightseeing along the way . . . balance of afternoon at leisure for independent walking tours from our centrally-located hotel . . . refresh prior to welcoming reception in private room of hotel beginning at 4:30 p.m. . . . proceed to New York chapter spon-

sored function at 5:30 p.m. and on to nearby Carnegie Hall for concert by University of Minnesota Concert Band and Jazz Ensemble at 8 p.m. . . . balance of evening at leisure for dining and other post-concert activities . . . overnight New York.

Saturday, March 27

Day completely at leisure for shopping on nearby Fifth Avenue, visits to museums, galleries, . . . a variety of optional tours, blocks of theater tickets and dinner reservations will be available and other assistance at your MAA hospitality desk . . . overnight New York.

Sunday, March 28

Morning church services . . . optional buffet brunch at hotel . . . check out of hotel by noon . . . transfer to LaGuardia or Kennedy airports for return flights departing between 2 and 4 p.m. with dinner served en route and arriving back in the Twin Cities between 4 and 6 p.m. . . . stayovers in New York may be arranged by prior request with air tickets good for independent returns up to 30 days subject to tariff provisions.

ON TO CARNEGIE HALL...

Make checks payable to MAA and mail to Carnegie Hall Concert, MAA, 100 Morrill Hall, 100 Church Street SE, Minneapolis, Minnesota 55455

Enclosed is my check for \$_____ (\$50 a person). Please make _____ reservations for the Deluxe Weekend Excursion.

Name _____ Class Year _____
Address _____
City _____ State _____ ZIP _____



C00000352G224 19718888
SERIAL RECORDS

30 WILSON LIBRARY
309 19TH AVE S
MINNEAPOLIS, MN 55455

CONSIDER YOUR FINANCIAL SECURITY

Remember how long and hard you worked to prepare yourself for your chosen field. The intensive study...the final exams...the research papers...

Now, the Minnesota Alumni Association recognizes your efforts, and offers you a means to supplement your financial estate through the Minnesota Alumni Association Group Term Life Insurance Plan. You may apply for up to \$100,000 of coverage...at special group rates.

For a free, no-obligation brochure on this important membership benefit, call or write:

Minnesota Alumni Association
100 Morrill Hall
100 Church Street SE
Minneapolis, Minnesota 55455

(612)373-2466

Underwritten by The Prudential Life Insurance Company of America

