

The University of Minnesota Duluth

BRIDGE

Summer

For Alumni and Friends of UMD

1988



Close to 300 graduates from the years 1950 to 1959, former students, faculty and spouses attended the UMD "Back to the Fifties" reunion festivities in June. Some of the group is shown here posing with cars displayed by the Classic Cruiser Car Club during a picnic supper at Glen-sheen mansion and gardens. For more photographs, see pages 8, 9, and 12.

5:4

ELIZABETH MILLER

The University of Minnesota Duluth Bridge

Page 1

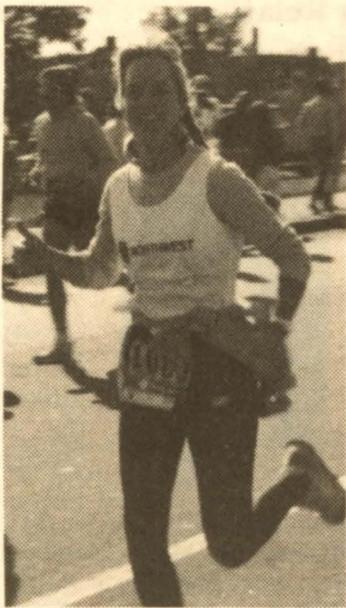
Chiropractor helps other sports enthusiasts

by Doris Pride

Elizabeth Miller loves to surprise her patients — and she usually does.

"People who come to me often say, 'I thought I'd have to live with this pain the rest of my life,'" says Dr. Miller, a chiropractor who specializes in the prevention and treatment of sports injuries.

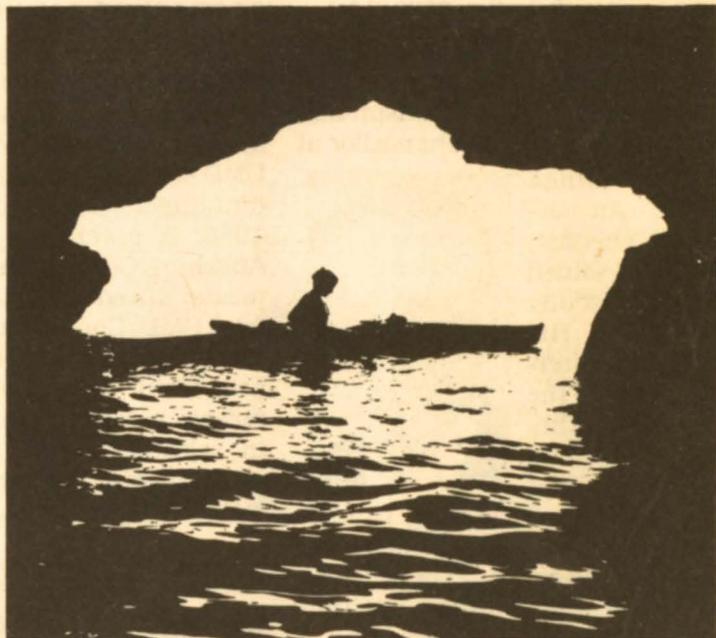
"When they realize they don't have to endure constant pain, patients are usually amazed," notes Miller, a 1983 UMD graduate who earned a B.A. in communication.



sea-kayaking, training for Grandma's Marathon or climbing one of the peaks she has left on her list to tackle (so far, Mt. McKinley has been her biggest).

Miller, who just bought a house in Superior, says coming back home to practice was a dream come true. "I really feel lucky to be able to settle here, close to my family and in this beautiful area," she says.

Miller is already attracting a number of sports enthusiasts to the Hermantown Chiropractic Clinic,



ing and kept up her outdoor interests. "One of the people who really was an inspiration to me was Ken Gilbertson," she recalls. As Outdoor Program director, Gilbertson encouraged her to continue her avid interest in sports — even though it was hard at times. When she graduated in 1983, she went on to Northwestern College of Chiropractic at Bloomington, Minn.

"I've always loved sports," she notes, adding that she probably inherited some of that enthusiasm from her family, owners of Northwest Outlet sporting goods store in Superior, Wis. On any given weekend you can find her in the wilderness she loves — either



where she recently joined the practice of Dr. Terese Tomanek. Tomanek, also a UMD alum, graduated summa cum laude in 1975 with a B.A. in psy-

chology and sociology.

Word of their practice is spreading, and patients range from youngsters — including the Hermantown High School football team — to their grandparents.

"Not long ago, a world-class runner came to the clinic with an injury that had kept her from running for more than a year," says Miller. "She thought her running career was over. We started her treatment just a few months ago, and I'm proud to say she is back running again. In fact, she now refers many new patients to us."

A skater since she was seven, "Betsy" Miller learned early that being active has its price. Injured while playing, she got her first chiropractic "adjustment" from an uncle, a chiropractor, when she was only 10.

While she didn't know back then how it worked, she remembers only that it felt better afterwards.

"Chiropractic focuses on the body's ability to heal itself," Miller notes, explaining that the focal point is the central nervous system.

"The spinal cord is the center of a powerful network that must function properly. If it doesn't, things just won't work well," she explains.

Yet many individuals, Miller contends, take better care of their cars than their bodies. "People just forget that their bodies need fine-tuning just as a car would, to stay in good shape."

For most of us, that simply means keeping the pressure off the nervous system. How? By adjusting, or manipulating the vertebrae in the spinal cord that control the various points in the body.

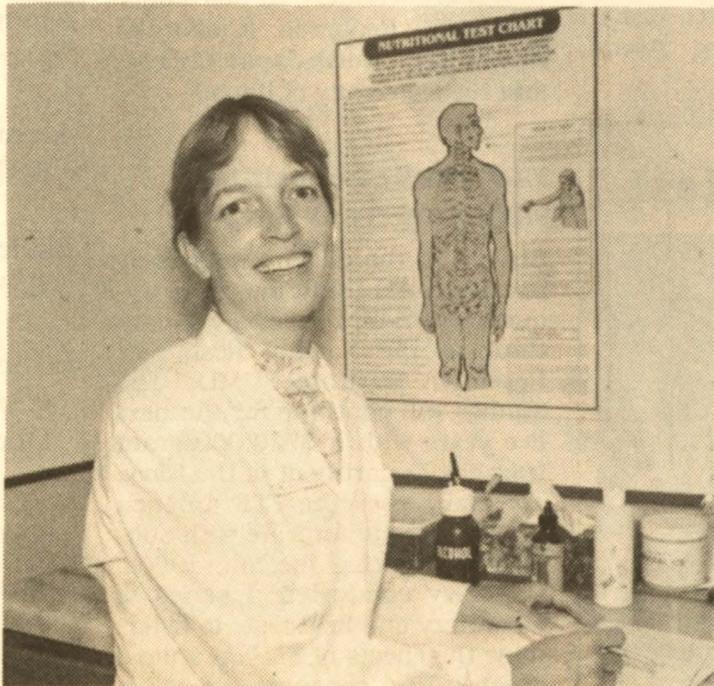
A great believer in personal "harmony," Miller says she tries to keep her



life balanced. "I spend lots of time with my family and, along with eating well and resting, I try to get lots of hugs," she says with a grin. She also refinishes antiques, cooks, sews, bakes and does lots of gardening and canning.

When it comes to fine-tuning, Miller also practices what she preaches. Every other week or so, you'll see her walking into another chiropractor's office — only this time, she's the patient.

Doris Pride is news editor in the University Relations Office.



Chiropractor Elizabeth "Betsy" Miller specializes in the prevention and treatment of sports injuries. The UMD graduate is no stranger to the outdoors. A former professional figure skater, Miller now can often be found on the weekends hiking, running, sea-kayaking or windsurfing.

A former professional figure skater, she knows first-hand the anguish that can accompany a serious injury. On an international skating tour with Holiday on Ice in 1979, she had an accident that left her with a "frozen shoulder."

"I couldn't even lift my arm to brush my teeth," recalls Miller.

She sought out a chiropractor to help her recover. "It took time and work, but I recovered the use of my arm, and not everyone thought that was possible."

After that, she decided to go back to school and eventually train for a health-related field. At UMD, she went through Emergency Medical Train-

Keeping Up • The Summer Bridge

Carlson named VC for academic administration

Robert L. Carlson has been named vice chancellor for academic administration at UMD. Carlson had served as acting vice chancellor at UMD since 1986. An organic chemist, Carlson joined the UMD faculty in 1966. His research interests include the organic synthesis of antibiotics and antitumor compounds and the study of environmental toxicology. He has been active on the board of the Western Lake Superior Sanitary District since 1980 and has served on a federal acid rain advisory committee. Carlson was a visiting scholar to the People's Republic of China in 1983 and works with international exchange programs with China on the UMD campus. He also was instrumental in the founding of UMD's Chemical Toxicology Research Center. A graduate of the Twin Cities campus, Carlson received his Ph.D. in chemistry from Princeton University and was a postdoctoral fellow at Harvard University.



Maypole receives Fulbright award

Donald E. Maypole has received a Fulbright award to lecture and consult with the Ministry of Health in Qatar. Maypole and his wife Mary Jane will travel to Qatar, a small country on the Arabian Peninsula, in December and remain until February 1989. Maypole will help prepare a drug abuse treatment and prevention program which will be active throughout the country.

Westlund named acting counseling services head

Julie Johnson Westlund has been named acting director of Counseling, Career and Placement Services at UMD. Westlund, who joined the UMD staff in 1979, had been assistant director of the program since 1986. A psychology graduate of Augsburg College, Westlund has a master's in educational psychology from UMD. Counseling, Career and Placement Services at UMD is a centralized office where students receive personal counseling, help in selecting career options, and assistance in resume writing and interviewing.

Awards presented at Spring Commencement

Joel Labovitz, a 1949 business graduate of UMD and the principal officer of Labovitz Enterprises of Duluth, received a Distinguished Alumni Award from UMD Chancellor Lawrence A. Ianni during Spring Commencement. Labovitz, commencement speaker, is chairman, CEO and director of several companies, including Edgell Communications—purchased recently from Harcourt Brace Jovanovich. Ianni also presented Distinguished Service Awards to Martha B. Alworth, a long-time international peace advocate and founder of the Royal D. Alworth Jr. Center for International Studies at UMD, and Minnesota Rep. Willard Munger, known for his environmental concerns. Jonathan B. Conant, associate professor of foreign languages, received the John Tate Award for excellence in Undergraduate Academic Advising while Jeane M. Sword, assistant professor of child and family development, received the Jean G. Blehart Distinguished Teaching Award. Sword retired in May.

Pride named news editor in University Relations

Doris Pride has been named news editor in the Office of University Relations at UMD. In her new position, Pride will serve as a writer, editor and media liaison for the University News Service, coordinating news coverage for university research and events. Pride was senior editor in the News Service at Purdue University. A native of Grand Rapids, Mich., Pride earned her undergraduate degree in journalism at the University of Michigan, Ann Arbor, and her master's degree in communication at Purdue University in 1987.



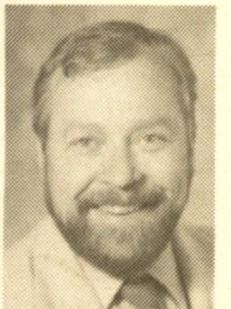
Williams named acting dean of School of Fine Arts

Robert Williams, professor of music, has been named acting dean of the School of Fine Arts for 1988-89 effective July 1, pending approval by the Board of Regents. Williams, a clarinet recitalist, served as acting department head of music during 1987-88. Williams came to UMD in 1966 as an assistant professor of music. He received the B.M. and M.M.Ed. degree at the University of Arizona and his doctor of education at the University of Illinois. He has taught music at Redlands (California) High School, North Japan College, and the University of Illinois.



Anderson named acting assistant VC, CEE head

Terry Anderson has been named acting assistant vice chancellor for academic administration and director of Continuing Education and Extension at UMD. Anderson joined the CEE staff in 1977 and served as the center's acting director during the 1979-1980 academic year. His appointment became effective June 1 and will continue until a new director is found to replace Gregory R. Fox, who had held the position since 1976. Anderson's responsibilities have included coordination of seminars, conferences, workshops, and special programs. In 1984, he was instrumental in establishing one of this country's first art study programs in the People's Republic of China. A graduate of Gustavus Adolphus College in 1971, Anderson received his M.A. in art from UMD in 1973.



The University of Minnesota-Duluth BRIDGE

Volume 5, Number 4

Editor
Lucy Kragness

Alumni Director
Darryl Sczepanski

Alumni program coordinator
Beth Brown

Photographer
Ken Moran

Writers
Patricia Miller
Doris Pride

The UMD Bridge is a quarterly publication of the University Relations Office at the University of Minnesota, Duluth. All questions, suggestions, and address changes should be directed to 315 Darland Administration Building, UMD, Duluth, Minn. 55812

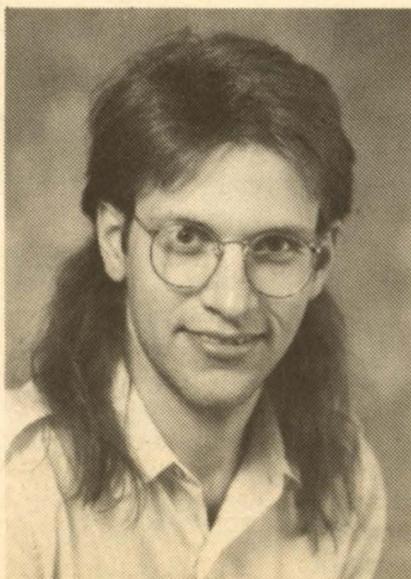
The University of Minnesota is an equal opportunity educator and employer.

'87 graduate wins fiction contest

Scott Pearson, who graduated from UMD in the fall of 1987 with an English major and philosophy minor, had his first short story published last November when he won the *Minnesota Monthly* magazine fiction contest.

For his efforts, Pearson received a word processor, which he is putting to good use at his home in Duluth. He originally wrote his story, "The Mailbox," for a UMD fiction writing course with Professor Joseph Mailo.

"My goal is to ultimately make a living at writing what I want to write," he said. "I enjoy science fiction the most and would like to write nonfiction. If I didn't write I'd explode."



Scott Pearson

ELF studies continue with help from Navy

Studies of the effect of extremely low frequency (ELF) magnetic frequencies on bird species will continue at the Natural Resources Research Institute, UMD. The studies will continue for the next five years with a \$720,000 grant from the Department of the Navy. The Navy uses the ELF antenna system to communicate with submarines. During the late 1960s, the Navy conducted a series of laboratory and field tests to determine the effects of ELF on animal species. Bird censuses are taken five times a year by a team from NRRRI including Hanowski, NRRRI Research Associate John Blake and Graduate Research Assistant Pat Collins.

GERRY DOWNES

The University of Minnesota Duluth Bridge

Page 3

Guides fishing adventures aboard the Cat's Paw

by Lucy Kragness

A spirit of adventure has guided Gerard "Gerry" Downes from Ireland, across the U.S. and Canada to Duluth, where he offers summer charter fishing excursions on Lake Superior aboard his boat, the Cat's Paw. And next winter, the unconventional UMD graduate will broaden his horizons by bringing his charter fishing expertise to the Sea of Cortez off Mexico's western coast.

Downes, a native of County Cavan, Ireland, came to the U.S. when he was 18 on an athletic scholarship for shotput, discus throwing, and track and field. "I came over here primarily to go to school," he said. "I was fortunate ... one of the lucky ones. It was a great opportunity. In Ireland, the aspiration is to come to this country and take advantage of the scholarships."

After three years at Wayland College in west Texas, Downes explored the U.S., holding a variety of jobs. While in Detroit, a coworker vacationed in Duluth and convinced Downes he should take his adventurous spirit to the head of the Great Lakes. A week later, Downes packed his belongings, boarded a Greyhound bus, and headed for Duluth.

Immediately fascinated by Lake Superior, Downes began investigating the lake after graduating from UMD in 1974 with a degree in sociology, initially aboard his first boat, a wooden commercial fishing vessel. Ten years ago Downes bought the seaworthy Cat's Paw, which was built in Sweden and designed for the unpredictable weather of the North Atlantic.

"I spent many years exploring the lake — every inch of it — before I focused my attention on fishing," he said. "I would say that I know Lake Superior as well as anyone with the exception of maybe half a dozen people."

Downes, who has spent up to two months at a time out on the lake, says experience is the only way to get a good feel for Lake Superior and navigation. "I did take the time out to get to know the lake well.

I've gone two weeks at a time without seeing anyone," he said. "When you're right in the middle, that's when it's scary. Just the idea of being in the middle is scary. You're so vulnerable, because a wind from any direction can give you a lot of trouble. I've been in storms for 20 hours."

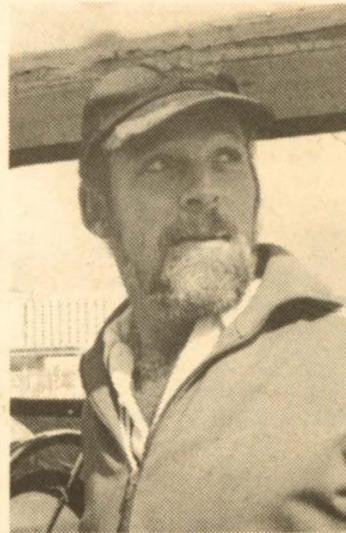
Seven years ago, Downes began operating Cat's Paw Fishing Charters on Park Point. "In the modern era, I was the first one in Duluth. We didn't take it quite so seriously back then, because it was sort of a sideline. But as it turns out, it's become a fairly big industry and a total preoccupation now."

The popularity of sportfishing on Lake Superior is now growing, after overcoming some major obstacles. "In the 1950s, the lampreys virtually destroyed the whole fishing industry on Lake Superior," Downes

said. "When I started boating here, it was more a question of boating for the sake of traveling the lake than for fishing, because there really wasn't any fishing. Fifteen years ago you could fish for weeks and never catch a fish."

"It's only in the last 10 years that not only have they stocked the lake very well, but they've done everything possible to try and eliminate the lampreys, a predator like an eel that was introduced unintentionally when the St. Lawrence Seaway opened. The fish management people would like to restore the lake to what it was 50 years ago ... so you have a lake trout and herring population. Generally speaking, the fishing has come back very well."

Today Downes and the 12 other Duluth charter fishing operators work closely with tourism



Gerry Downes

promoters on spreading the word about Lake Superior sportfishing, hoping to lure anglers who now head for Lake Michigan. "On Lake Michigan, charter fishing really took off and is now a multimillion dollar industry," Downes said. "Most people that come up to Duluth don't realize Minnesota has this resource to offer."

But Downes believes offering Lake Superior fishing excursions involves more than just helping his customers net lake trout, salmon, steelhead, brown trout or walleyes. "It's the total experience. It's more than just catching a fish or catching several fish. It's having the opportunity to provide for somebody else an experience. If I have a party out here, I like to think that this will be the highlight of their whole summer ... give them something to remember, whether or not the fishing is good that day."

While Downes' experience on Lake Superior undoubtedly gives him an edge over weekend anglers, he's the first to admit that despite the high-tech electronic gear and special techniques that have evolved over the last 10 years, fishing isn't an exact science. "When the fishing is slow, no matter how much equipment or electronics you've got, it's still slow. There are so many variables that even the most knowledgeable experts haven't figured out — why sometimes fish will be feeding, and other times they won't. And if they ever really figured it out, it would take the fun out of fishing."

In the winters, Downes has worked as a weight

training instructor at the Duluth YMCA. But next October, Downes will take the Cat's Paw and his spirit of adventure to Mexico, where he'll be offering fishing charters throughout the winter in the Sea of Cortez, which is located between the Baja Peninsula and Mexico's west coast.

Downes' impulsive nature took him to the Mexican interior for the first time last winter, where he met Cesar St. Clair, a former economist at the University of Sonora in Hermosillo. An expert on the history of the Sonora area, St. Clair's dream of someday starting a charter fishing business on the Sea of Cortez in Kino Bay became a reality after he joined forces with Downes.

"We're going to be offering packages that will include everything that you could ever want for seven days in a tropical paradise," Downes said. "Every whim and fancy will be catered to ... a condominium on the beach, all the Mexican food you can eat, transportation to and from the airport, two full days on the ocean, and a trip out to a desert island. It's not just a fishing trip — we're also offering exposure to a different culture. I don't think a person can get a good taste of Mexico going to Acapulco or Mazatlan or a border town. You have to really expose yourself to the people."

Downes is confident that when he embarks for Mexico next fall, he'll be able to successfully use his fishing methods in the warmer waters. "The fish are so plentiful in the Sea of Cortez, that they can fish in a very primitive way and do very well. By bringing some of the techniques that we've got of running downrigger lines, surface lines, and dippy divers, we'll hopefully catch a lot of fish."

To find out more about adventures aboard the Cat's Paw in Duluth and the Sea of Cortez, write Downes at Cat's Paw Charters, 1202 S. Lake Ave., Duluth, Minn., 55802 or call 218-727-2360.

Lucy Kragness is *Bridge* editor and publications editor in the University Relations Office.



Seven years ago, Gerry Downes became the first angler in the modern era to offer charter fishing in Duluth. Next winter, the UMD graduate will take his spirit of adventure to Mexico, where he will be offering excursions in the Sea of Cortez between the Baja Peninsula and western Mexico. For details, write Downes at Cat's Paw Charters, 1202 S. Lake Ave., Duluth, Minn., 55802 or call 218-727-2360.

ROD RAYMOND

Page 4

The University of Minnesota Duluth Bridge

Spreading the word about life-long fitness

by Lucy Kragness

Rod Raymond's enthusiasm for getting in shape is infectious. For the last three years, the energetic UMD senior has shared his expertise with several hundred UMD students, faculty and staff members through Recreational Sports multifitness and low-impact aerobic exercise programs.

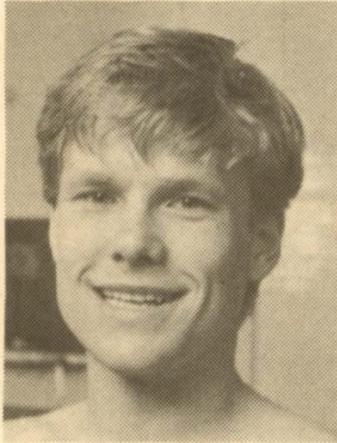
And Raymond knows what he's talking about. In just three years, he has finished the Ironman Triathlon in Hawaii, the World's Toughest Triathlon in Lake Tahoe, Nev., the Mountain Man Triathlon in Colorado, the Border to Border Triathlon in Minnesota, and three Grandma's Marathons in Duluth. He's also a Category Two bicycle racer, which places him in the top level before the national cycling team, and has run the Outdoor Adventure Program for the City of Duluth the last four summers.

When Raymond started the Multifitness Training Program three years ago, he wanted to share his growing interest in local triathlons and didn't expect to get paid. Eventually, he was hired by Rec Sports as fitness director, and today he directs most campus races in addition to his Dr. Sunshine and multifitness programs and co-directing the annual Pike Lake AAA Triathlon this August 6.

"My goal is not to create top-dog racers," he said. "My goal is to introduce life-long fitness skills to people. I'll say you need to learn how to listen to your body."

Raymond, who will graduate next fall with a degree in teaching life science and a coaching certification, was recognized for his contributions to UMD last spring when he received a prestigious *Sieur du Luth* award, the top honor for student achievement. He plans on returning to graduate school someday in exercise physiology.

After graduation, he hopes to continue working for Rec Sports and broaden his programs in a life-long sports department, which is now under consideration. "We'd like to see people get a taste for life-long sports," he



Rod Raymond

said. "Intramural sports end, and then what?"

The Duluth native calls himself an average athlete. After graduating from Central High School, Raymond came to UMD and joined the cross country team and began participating in local triathlons, which involve running, bicycling, and swimming or paddling.

"In cross country, my running was so bad, I got second to last place, or last place, in every event," Raymond said. "I joined track and always came in last. Running was my weakness in triathlons, but I found I was a good power runner on the hills and through the woods. I really worked on my running, and improved."

"Positive feedback can really work. By running these programs, people look up to me and put expectations on me that I didn't really have. As a result of that, my energies have been go for it, go for it, go for it ... and finally I went for it, made the focus, and just started training and running the programs and training some more and tackling some races. Last year I probably did 65 to 70 races."

His persistence has paid off. When Raymond crossed the finish line in the Ironman Triathlon in Hawaii in October of 1986, he became the first Duluth resident to complete the arduous race. He finished in the top 15 percent in the field of 1,250, swimming 2.4 miles in the ocean, bicycling 112 miles, and running a marathon of 26.2 miles.

"If I could look at any accomplishment in life, I appreciated that one the most," he said. "It really hit the pride button. I was out there for over 11

hours in 95 degree heat. Nobody looks at the scenery. It's a mental game. To be able to stick with it, you've got to be able to handle pain. I drank about six gallons of water, and I still lost about seven or eight pounds. I must have eaten two or three pounds of food. You end up disassociating yourself from your body."

Raymond found out in March of 1986 that he was chosen by lottery to compete in the race. "Right away when I got in, I signed up for as many triathlons as I could. All coaches will tell you that you have to race. I did as many races as I could and trained between four and five hours a day, some days longer. I was in the best shape of my life."

Last August, Raymond entered the World's Toughest Triathlon in Lake Tahoe, taking first place in his age division and finishing ninth overall. The course took Raymond and the other 285 entrants for a two-mile swim in Lake Tahoe, a 100-mile bicycle ride in the hills of the Sierras, and a 20-mile run up the mountains.

This year, Raymond has decided to focus on bicycling, his strongest skill. Two years ago, he took out a license from the United States Cycling Federation and worked his way up to Category Two, placing him in a top field of racers.

"Category Two races are always longer and more competitive," he said. "They make them harder. That's what the crowds like."

At 23, Raymond says he's in his prime for cycling. "Your endurance age isn't until you reach your late 20s or 30s. Your power, speed age is in the 20s ... that's why I'm focusing on biking."

While Raymond is one step below the professional bicycling stage, he often wonders how the elite runners cope. "I can't see how they do it," he said. "Right now, I'm training four or five hours a day. I get up in the morning and go for a two and a half to three hour

Continued on
Next Page



Rod Raymond began sharing his enthusiasm for getting in shape three years ago through the UMD Multifitness Program. Raymond, above, recently gave bicycling tips to some of this summer's participants. Below, Raymond leads the group during a morning ride.



JOHN BROMAN

The University of Minnesota Duluth Bridge

Page 5

Commander of Air National Guard

by Patricia Miller

In the midst of the "me-generation" 1980s, it's unusual to meet someone as dedicated to and appreciative of his country as Col. John D. Broman,

Broman, a 1963 UMD industrial education graduate and group commander of the Air National Guard and 148th Fighter Interceptor Group in Duluth, embodies all the qualities of someone dedicated to military service. His pride in his post shows in everything, from how he speaks of his position to the spit-and-polish of his shoes and the shining eagles on each shoulder, which denote his rank.

As guard commander, Broman is chief executive officer of a company that employs 1,069 people (400 full-time) and is the sixth largest employer in the Duluth area with a payroll of about \$20 million. "Which is about half of what an active duty unit would do the same air defense mission for — and we do it as well or better," Broman said.

In addition to administrative duties, Broman sees his basic job as making sure the guard fulfills its mission of warning of possible nuclear threats to the United States and protecting the country through attack warning, attack assessment, and damage limitation.

"Air breathing bombers can't be detected by conventional radar and could launch a surprise attack. We keep track of everyone coming through the air defense identification zones," Broman said, referring to specific air space around the United States. And every few months the guard is called to do its duty during an "active scramble" to identify any unidentified aircraft that enter this space — although the



Col. John D. Broman is group commander of the Air National Guard and 148th Fighter Interceptor Group in Duluth. As guard commander, the UMD graduate is chief executive officer for the company, the sixth largest employer in the Duluth area. Broman also enjoys fulfilling his dream of flying by serving as a fighter pilot.

aircraft usually turn out to be harmless domestic or U.S. military flights whose plans have not been coordinated. Broman stresses that the job of the guard is not defensive — no nuclear weapons are kept at the base.

Broman believes Duluth is strategically located to give first warning of a possible attack because of its proximity to Olene-gorsk, a Russian military installation. "Bears (Soviet bombers) are almost never spotted around Duluth, but without the guard, they would be," he said.

"By being here and being capable, we do raise the threshold of nuclear war because if tensions became high, and it looked like war was

possible, it would be a tremendous advantage to strike first and make sure they can't destroy our ability to strike back."

After graduating from UMD, Broman, who worked his way through college as a Duluth police officer, attended flight training with the U.S. Air Force in Texas and has been combat ready in an airplane since 1966. Today, at 50, Broman is Minnesota's oldest fighter pilot.

After a short stint teaching electronics and industrial arts at Denfeld High School from 1969 to 1973, he started full time with the guard in aircraft maintenance. He was a maintenance officer until 1981, when he was named

chief of maintenance and vice commander. In 1985, he was named group commander.

Flying had always been a dream of Broman's. In high school, he read every World War II flying book he could find and always thought of someday being in the seat of a plane.

"Some would say flying is the ultimate physical and emotional challenge — it is the ultimate career and I never could have done it without UMD because a college degree is required for pilot training," Broman said. "I love being part of the technical aspects of flight. The challenge of the cockpit makes it the most complex and challenging job on earth ... and it is also

fun. When you turn and roll, it's like the wildest roller coaster ever built."

But, more than simply loving to fly, Broman stresses that the job of a fighter pilot also demands strict dedication.

"I am proud of defending the country and the professional spirit of fighter pilots. Because of the personal risk, a person would be a fool to fly if they didn't believe in what they were doing, but fighter pilots don't dwell on the risks," Broman said as he walked along the flight line of 24, 74D Phantom Fighters at the base. And he considers himself in good company with the other 40 pilots at the base.

"Fighter pilots are the cream of the nation's crop — they are taken from the top percentage of the top percentages of the nation — they aren't the stereotypical Roger Ramjets," he said.

Broman now flies six times each month, and he always looks forward to it. Current regulations stipulate that he will maintain his flight status until age 55, at which time Broman, a father of four, would like to return to the classroom to pass on his years of experience.

"I have learned to be positive with people, and would be able to steer students to achieve their potential," Broman said.

A Duluth native, Broman refers to himself as a product of the local community, culture and schools.

"I feel a debt to the university, community and country for the opportunities I have had. I received a tremendous education at UMD, and that education continues to be a great help to me now," he said.

Patricia Miller is medical/science editor in the University Relations Office.

Continued from Previous Page

bike ride; come home and eat, shower and get on with life for a couple of hours; swim for an hour at lunch; and at night go for a run or lift weights. I focus so much on training that I wonder how the elites do it.

"You can lose your focus for life. Balance is the key. If you're going to go for it, you've got to have that balance. I try and keep that balance, which is why I've been able to hang on for three years. It's easy to burn-out physically and mentally."

Someday, Raymond hopes to again compete in

the Ironman and World's Toughest triathlons. He also wants to be the first person to swim 19 miles in Lake Superior from Isle Royale to Minnesota. Last Labor Day, Raymond and Dan Gorski swam over eight miles in Lake Superior from the Superior entrance to the Fitger's Complex, raising money

for Muscular Dystrophy. Raymond also hopes to complete the 3,500-mile Race Across America bicycling event, and run and swim the Border Route Trail, which traverses the Canadian border through the Boundary Waters Canoe Area.

Until then, Raymond will be a familiar figure on

Duluth's roadways and in local races. "I plan on continuing to share my enthusiasm for fitness with as many folks as possible via my programs," he said.

Lucy Kragness is Bridge editor and publications editor in the University Relations Office.

SCHOOL OF MEDICINE

Page 6

The University of Minnesota Duluth Bridge

Students experience life of a family doctor

by Patricia Miller

It hadn't been an easy 24 hours for Mary Vomacka.

The second-year UMD medical student looked drained as she sipped some early morning coffee in the doctors' lounge at the Grand Rapids Hospital. She had spent the last three days witnessing and experiencing the rewards and trials of practicing family medicine in a small town.

It had been a long, emotionally draining night on call at the hospital's emergency room — a night during which she assisted Dr. Scott Gerling of Grand Rapids in treating a number of patients for everything from heart attacks to terminal cancer. Two of those patients died, and Vomacka was present in the early morning hours when Gerling informed the patients' families of the deaths.

"They tell you in class how it will be to confront and inform the families of a death. But to see someone do it with such sensitivity taught me even more," Vomacka said.

She is one of 48 second-year students (preceptees) from the UMD School of Medicine matched with family practitioners (preceptors) in rural communities as part of the School's Family Practice Preceptorship Program. Throughout the year, the students spend three, three-day sessions with their preceptors, shadowing the physicians' every move and living with their families.

Vomacka spent the previous day with Gerling at the North Star Clinic in Grand Rapids where she assisted him with patient treatment, and from there proceeded to on call at the hospital emergency room. After a busy night, she and Gerling were headed back for another day at the clinic. There hadn't been much sleep — just what she could grab on a lumpy sofa in the lounge between seeing patients.

"It's been a hectic 24 hours of medicine," Gerling said as he joined Vomacka in the doctors' lounge. "It was very intense, but pretty much a typical hard day as a family practitioner, although it's a relief that

every day is not like this."

Gerling, himself an alumnus of two years at the School of Medicine who did his preceptorship in Grand Rapids, said he has positive feelings about his life as a family practitioner, beginning with his medical education at UMD and his six years as a preceptor.

"The whole concept of what the School of Medicine is doing with rural physicians is wonderful and a sign of its commitment to getting good people to become family practitioners," Gerling said. "And students are given the opportunity to discover that there is good medicine practiced in rural areas."

The preceptorship program began in 1972, the same year the School of Medicine opened. Conceived by Charter Dean Robert Carter and William Jacott, currently assistant vice president of Health Sciences at the Twin Cities Campus, the program has continued since 1973 under the direction of James G. Boulger, currently the school's interim dean, and Thomas Day, M.D., director of the Family Practice Residency Program in Duluth. Boulger oversees the second-year students, matching students to physicians and communities, and Day monitors first-year students, who participate in ten, half-day preceptorship sessions with Duluth, Proctor and Cloquet physicians.

"Our students get a share of professional life in a small community and have the opportunity to see the benefits, as well as the problems inherent to the practice of medicine in a rural setting," Boulger said, emphasizing that the program is designed to expose students to the practice of family medicine — not necessarily to teach them how to practice medicine.

The School of Medicine was established with the primary mission of encouraging future physicians to enter family practice in rural communities, and the preceptorship program assists with fulfilling that goal.

"Being a preceptee acts as a large reinforcer for students considering family practice, although



Dr. Heide Korstad, right, looks on as second-year medical student Anita Strel examines a patient at Northland Medical Clinic in Bigfork, Minn. Korstad, a former UMD School of Medicine student, enjoys working as a preceptor with current students, passing on what she has learned as a practicing family physician.

it does not necessarily change the mind of the student who has decided not to enter family practice," Boulger said. "It's usually a very positive experience that shows students how good family practice can be in a small community — they get a chance to see physicians out there practicing good medicine and enjoying it."

Preceptors, many who are former School of Medicine students, are chosen based on their location, the amount of clinical activity in their practice, reputation, and partners. Preceptors are not paid for their partici-

patron, but are given a clinical appointment at the School of Medicine. This year, students were placed in small communities throughout an enormous geographical area covering more than 45,000 square miles from Fargo, N.D., to Ashland, Wis., and from International Falls to Fairmont, Minn.

"The job of a preceptor is fun," Boulger said. "It's always enjoyable to be a good teacher and it's a good form of continuing medical education for the physicians. The questions the students ask force the physicians to ask them-

selves why certain things are done or certain drugs are used."

And physicians are eager to participate in the program because of a tradition of giving within the medical profession — giving generously of themselves not just to patients, but to those coming up the ranks of the medical education system.

For Heide Korstad, M.D., a former School of Medicine student practicing at the Northland Medical Clinic in Bigfork, Minn.,

**Continued on
Next Page**

Continued from Previous Page

her five years as a preceptor have been a way to pass on what she has learned and encourage a future family physician.

"Somebody was nice to me and kind enough to take an interest when I was a second-year student," Korstad said. "It was the high point of my second year and it was so good to do clinical work after all the books."

Korstad and Preceptee Anita Strei had spent the past three days seeing patients and treating the usual retinue of complaints and problems the family doctor faces on a regular basis.

"I have seen everything from hypertension and earaches to the common cold and even scrubbed and assisted with a vasectomy — everything walks through the door here. It's real medicine," Strei said of her time at the clinic, a modern facility that serves Bigfork and several sur-

rounding communities as clinic, hospital, nursing home, x-ray center, and laboratory.

Kent Johnson, preceptee for George Rounds, M.D., also on staff at the clinic in Bigfork, echoes Strei's impression of the number of different clinical situations seen at the clinic.

"There is such a variety of interesting patients, from dealing with infants to the elderly, from the common cold to terminal cancer, that this really gives us a taste of what to expect in the profession," Johnson said.

Preceptees usually are given hands-on opportunities to perform initial patient examinations, after which they consult with the physician on possible diagnoses and see the patient a second time with their preceptor.

"It's an opportunity for students to push off the edge and see patients by themselves — for me, that was the most frightening part of being a preceptee, doing the procedures, the

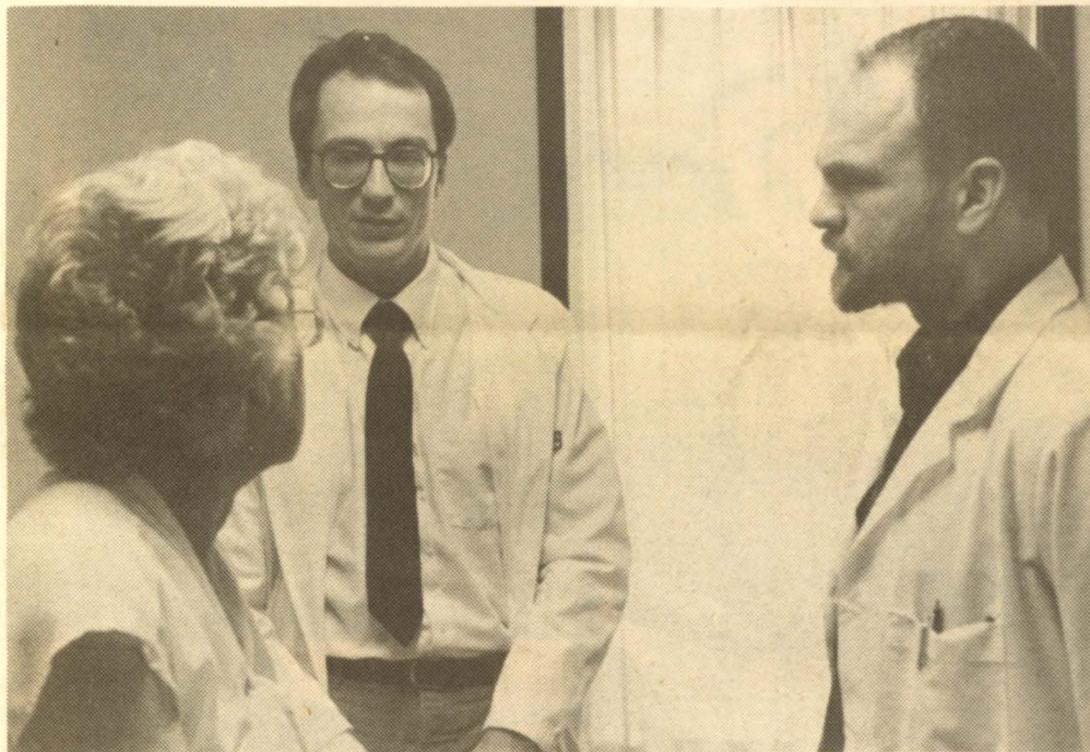
pelvic exams, the stitches — but those things are so important when learning about the common sense, non-academic, family practice approach to medicine that doesn't deal with all patients through tests and drugs," Korstad said.

Students also are given an opportunity to see a family physician's lifestyle, which differs widely from that of a specialist in a large city, and includes everything from being recognized in the grocery store to a patient painting a physician's house when they can't directly pay the medical bills.

"I try to show students how I live and what I do in my spare time — we go hunting and fishing, things you don't do in the city — but I also show what I do and how I relate to my patients on a personal basis," said Korstad, adding that there aren't many physicians' offices where a 10-point buck, such as the one she saw last fall, can be seen



Preceptee Mary Vomacka recently spent an emotionally draining night on call at the Grand Rapids Hospital with Preceptor Dr. Scott Gerling. A family physician, Gerling is an alumnus of two years at the UMD School of Medicine.



Preceptee Roger Hynes, right, listens intently as Preceptor Greg Lewer, M.D., and patient Amy Thomas of Deerwood discuss Thomas' artificial heart valve at the Cuyuna Range Clinic in Crosby, Minn.

walking just a few feet from the office window.

But students also experience the small-town atmosphere and the feeling of being part of a close-knit community where everyone knows each other and physicians find their medicine easier to practice because of the close contact they have with patients and their families.

"I see all aspects of Dr. Lewer's life — his practice and his home life, the good and the bad, the time commitments, the patient load — it gives me an idea of what it will be like when I am out there practicing," said Roger Hynes, preceptee for Greg Lewer, M.D., of the Cuyuna Range Clinic in

Crosby, Minn. "This is the type of doctor I saw when I was growing up, and this experience helps me see the good things about this sort of life. We learn about dispensing medicine in the classroom, but we come here and see how it is put into practice."

For the second-year students, the preceptorship program also offers a break from class work and books and personalizes their medical training.

"It's like a light at the end of the tunnel — your first opportunity to see yourself as a physician and that's what you're striving for," Korstad said.

Patricia Miller is medical/science editor in the University Relations Office.

Franks named dean of UMD School of Medicine

Ronald D. Franks, associate dean for student and curricular affairs and director of inpatient psychiatry at the University of Colorado School of Medicine, has been named dean of the UMD School of Medicine.

Franks, who is scheduled to begin his duties in October pending approval by the Board of Regents, is the fourth dean named to the school since its establishment in 1972.

"I must say how enthusiastic I am to be given the opportunity to serve

as dean of the School of Medicine in Duluth," Franks said. "I have greatly enjoyed the faculty and students I have met so far and anticipate a good working relationship with both."

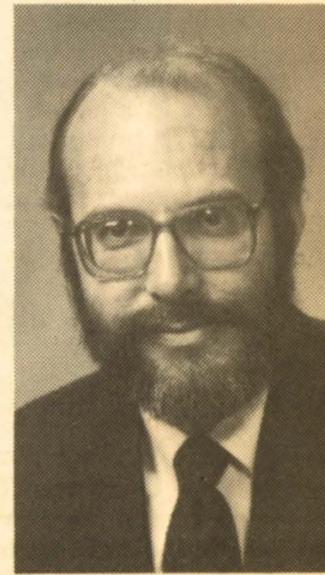
Franks has been at Colorado since 1972, beginning as a psychiatry resident. He became an instructor of psychiatry in 1976, an assistant professor in 1977, an associate professor in 1983, and assistant dean for student and curricular affairs at Colorado's medical school in 1984. He became an associate dean and direc-

tor of inpatient psychiatry in 1986. A 1971 graduate of the University of Michigan Medical School, Franks' research interests center around the role of calcium metabolism in affective disorders such as mania and depression.

"Dr. Franks is a respected psychiatrist and medical school administrator, with wide experience at the University of Colorado's medical school," said Neal A. Vanselow, University of Minnesota vice president for health sciences. "We are confident he will provide outstanding

leadership for the School of Medicine at Duluth, which is renowned for its expertise in training family practice physicians, both for the state and the nation."

"The search committee at the School of Medicine is to be commended on doing an excellent job," said Jim Boulger, interim dean of the School of Medicine. "The faculty is enthusiastic and excited about the prospect of his joining us, and he will be an outstanding addition to the medical community and educational community."



Ronald D. Franks

BACK TO THE FIFTIES

Close to 300 graduates from the years 1950 to 1959, former students, faculty and spouses attended the UMD "Back to the Fifties" reunion in June.

Planning for the reunion, which included a picnic at Glensheen, a Count's Cabaret at Spirit Mountain, a dinner-dance in the Kirby Student Center Ballroom, and a brunch at the Tweed Museum of Art, began several months ago.

Advisory committee members were:

1950: Richard Carlson, Robert Falk, Allen Willman

1951: Don Clark, Mary Liz Reavill Kolar, John Oltmanns

1952: Jim Denney, Bob Murray

1953: Beverly Orchard Denney, Wilfred Jensen, Phil Letourneau, Virginia Christie Murray, Paul Vesterstein

1954: Peggy Woods Wallin

1955: Dick Ojakangas, Mary Rees Thomas

1956: Lois Lindstrom Gundstrom, Vince Lundberg, Ron Meyer, Darlene Melander Slotness, Peaches Luoma Ojakangas, Pat Beckman Spearin

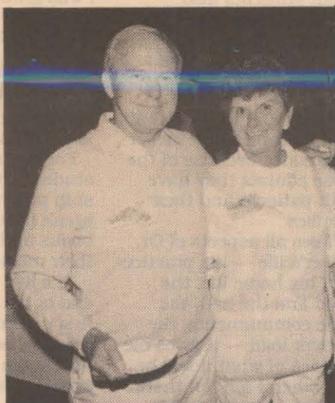
1957: Ann Carlson Anderson, Fred Burnes, Bob Roningen, Peg Roningen

1958: Glen Maxham, David Zentner

1959: John Hatten, Marjorie Foubister, Mary Louise Wilkosz, Sue Peterson

Also serving on the committee were Allen Downs, faculty emeritus advisor, Bob Evenson, Ken Moran, Dick Palmer, Carl Schramm, and JoAnn Judeen Smith.

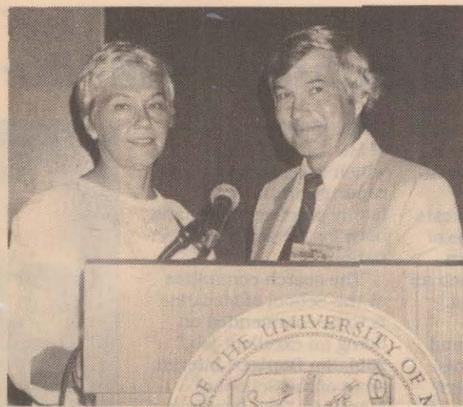
Alumni Director Darryl Sczepanski and Beth Dunder Brown, reunion coordinator, would like to express their appreciation to the committee members for their help in planning a great "Back to the Fifties" reunion.



Bernie Neary '52, and Marilyn Lee Neary '52, from Des Moines, Wash., reminisced at Glensheen.



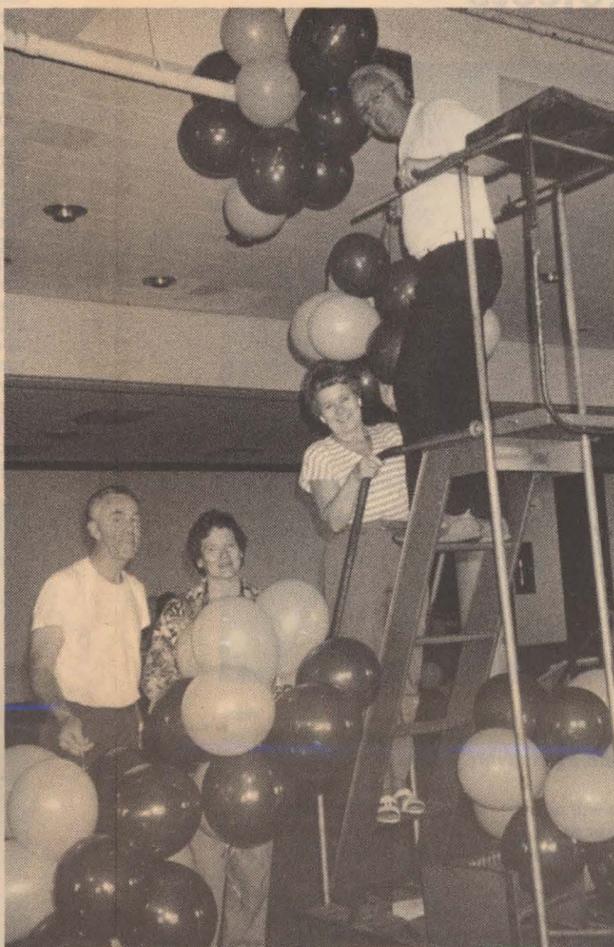
Charles Mannel '59 and Rose Mannel of Sun City, Ariz., enjoyed their picnic by Lake Superior at Glensheen.



Peaches Luoma Ojakangas '56, and Dick Ojakangas '55, were co-hosts for the program at the reunion dinner-dance in the Kirby Student Center Ballroom. The couple lives in Duluth.



Mary Ellen Ianni, left, Chancellor Lawrence Ianni, Chancellor Emeritus Robert Heller, and Gerry Heller greet alumni and guests at the dinner-dance in Kirby Student Center Ballroom.



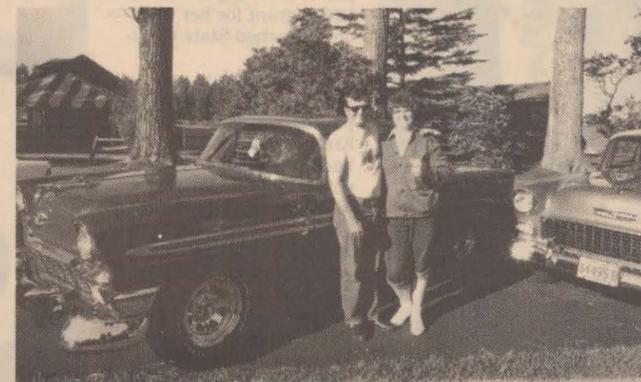
These members of the "Back to the Fifties" advisory committee from Duluth helped decorate the Kirby Student Center Ballroom for the reunion dinner-dance. They are, from left, Bob Murray '52; Virginia Christie Murray '53, graduate and faculty member of the Fifties; Beverly Orchard Denney '53; and Jim Denney '52.



These former UMD class presidents compared notes during the reunion. They are, from left, Grant Merritt, New Hope, Minn., sophomore class '53 and junior class '54; Don Cook '51, San Marino, Calif., sophomore class '49 and junior class '50; and Dick Ojakangas '55, Duluth, senior class '54.



Mary Ann Myhre Weber, UMD's first Snow Week queen in '51, and Ron Weber, who was homecoming chairman in '52, posed at Glensheen on the back of a Fifties convertible provided by the Classic Cruisers Car Club. The Webers live in Edina, Minn.



Bev Eklund '70, and Larry Eklund, members of the Classic Cruiser Car Club, stand beside their '56 Chevrolet Bel Air Hard Top at the Glensheen picnic. Eleven mint condition cars from the Fifties were on display during the evening, with their owners getting into the spirit by wearing 1950s attire.

UNDERGRADUATE RESEARCH

Page 10

The University of Minnesota Duluth Bridge

Unique program helps fund projects

by Lucy Kragness

Tony Dierckins always wanted to write a play but didn't know how he'd find time between working part time and serving as 1987-88 editor of the *Statesman*. Thanks to a \$1,000 grant through the Undergraduate Research Opportunity Program (UROP), Dierckins was able to write *No Easy Way*, which was performed last February as a UMD Theatre Studio Series production.

"I had always planned to experiment with this form of writing," Dierckins said. "I had written fiction before, but I wanted to try my hand at drama. I decided to apply for a UROP grant to see if I could get a little funding so I wouldn't have to take a part-time job."

Dierckins received the grant in May of 1987 and began working on the play in July. In the fall, the script was accepted for the winter Studio Series, which each quarter involves a play produced, directed, and performed by UMD theatre students. *No Easy Way* was also the first original script performed in the Studio

Series.

An English major with minors in journalism and humanities, Dierckins graduated last spring and hopes to attend graduate school. "At first I was just looking for grad schools that just teach creative writing," he said. "Now I'm looking for schools with the drama aspect. It just seems to be something that I somewhat have a knack for."

Dierckins said without the UROP grant, it's doubtful he ever would have finished the script. "When you don't have a deadline, it's easy to blow them off," he said. "That's another nice thing about UROP. It put a timeframe on it, and pushed me a little."

Dierckins is just one of more than 175 UMD students who has taken advantage of the UROP program, which has funded research projects in a variety of fields. Since 1985, the system-wide University of Minnesota program has given undergraduate students a unique opportunity to work closely with faculty members on projects that



Tony Dierckins used his \$1,000 UROP grant to write *No Easy Way*, which was performed last winter during the UMD Theatre Studio Series. Dierckins graduated last spring from UMD and plans on attending graduate school.

normally wouldn't be covered in the classroom. The competitive, merit-based program awards undergraduates stipends up to \$750 and/or expense allowances up to \$250, for a maximum award of \$1,000, based on financial need.

Arlette Kreager graduated last spring with a chemistry major and will start graduate school this fall at UMD. She has been involved in research projects for the last two years, receiving a \$1,000 UROP grant for her work on "Adsorbed State Cyclizations."

"Undergraduate research is an incredible part of your education," Kreager said. "As I look back the last couple of years, had I done this without the advantage of being able to work as an individual researcher, I would have been seriously deficient."

While Kreager won't be immediately entering the job market, she believes her research work would have given her an edge. "If I were to leave here and apply for a job, I think I would probably have a great advantage over someone who had not done undergraduate research," Kreager said.

"Companies will advertise for a B.S. or an M.S. in chemistry and x number of years of experience. If you've had touch with a research program such as UROP, it's real nice to include on your resume. And to say it was funded — that's a great thing, UROP gives you a little

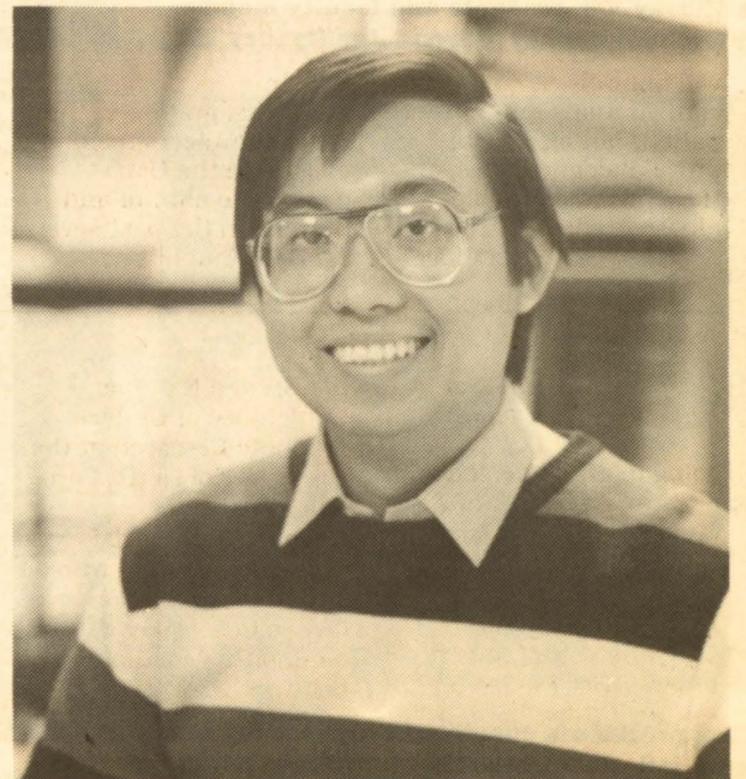
more flexibility. You're the boss ... you have the budget, you set the hours."

Kai Hin Lim, who graduated last spring with a math and economics degree, also plans on

Continued on
Next Page



Gayle Franckowiak, who graduated last fall with a secondary education degree, believes her \$1,000 UROP project on "Social and Economic Conflict of American Indian Urbanization" has given her new insights into the needs of the American Indian population and will help her in the classroom.



Kai Hin Lim graduated last spring with a math and economics degree. He hopes his \$890 UROP-funded project on "The Analysis of Labor Productivity Effects on Regional Growth" will boost his chances of getting into the graduate school of his choice.

UMD CAMPAIGN

The University of Minnesota Duluth Bridge

Page 11

UMD \$1 million away from campaign goal

With \$11.5 million committed in pledges and contributions, UMD officials and volunteers will be striving in the next six months to successfully conclude the \$12.5-million UMD Campaign.

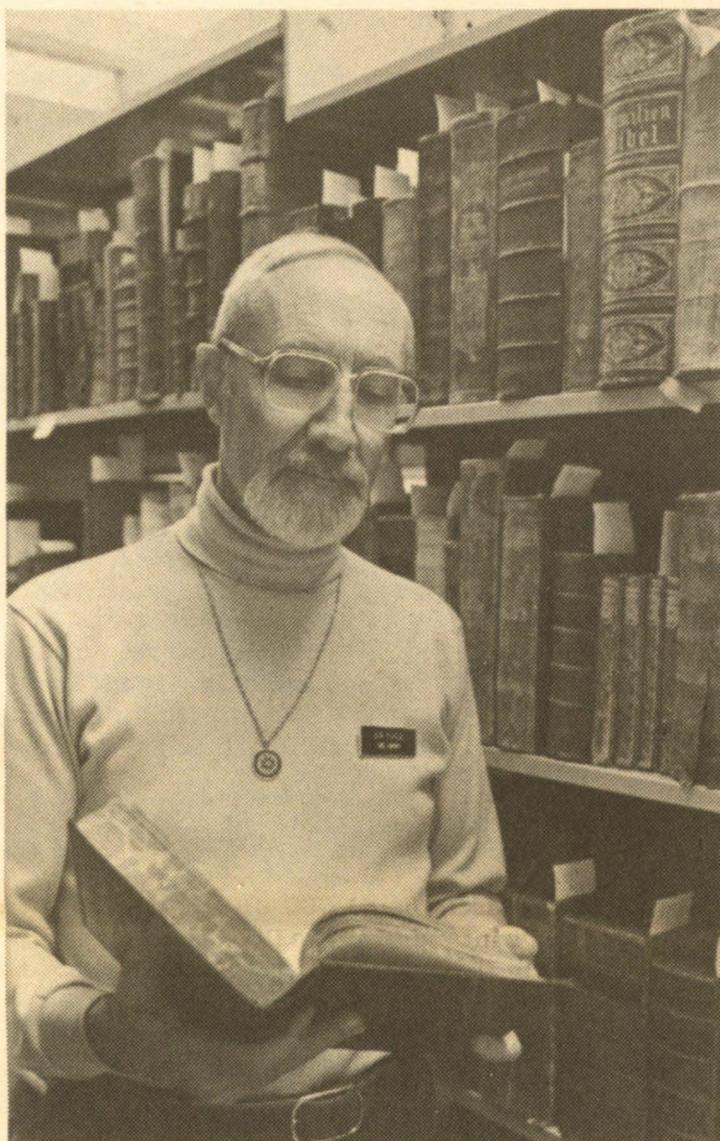
The University of Minnesota system-wide Minnesota Campaign ended June 30, but many campuses and collegiate units — including UMD — will continue their capital fund drives through at least the end of 1988. The Minnesota Campaign has raised over \$343 million, mostly designated for programs at the Twin Cities campus.

Said J. Lance Cavanaugh, UMD director of development: "Although we have a number of pressing needs, our top priorities for the remainder of the campaign are undergraduate scholarships, the Library and Learning Resources Center, academic and student development initiatives, improving public access to UMD through the new Campus Center Expansion project, and support for the Tweed Museum and other arts programs."

Annual Fund will have expanded focus

Cavanaugh said the 1988-89 UMD Annual Fund program will have a broader purpose. Objectives of the Annual Fund will not only be to increase contributions and participation, but also to improve dialogue between the university and its alumni and supporters.

A new UMD National



Library Director Donald Pearce is shown with the Ramseyer-Northern Bible Society Museum Collection, which is housed at the UMD Library. UMD recently received a \$17,500 grant from the Endowment of Biblical Research in Boston for exhibits of the bible collection, improving public information, and some restoration work.

Alumni Phonathon will be launched this fall, with students, faculty/staff members, graduates, and other volunteers making calls from the UMD campus to alumni and friends. In the past several years, Annual Fund

pledge calls were made on behalf of UMD by the Office of Development at the Minneapolis campus.

"UMD wants to establish a stronger institutional identity and to encourage decentralization within the University

of Minnesota system — I can't think of a better place to start than in our development and external relations activities," Cavanaugh said.

"With all of the change occurring within the university system and at UMD, we must do a better job of keeping UMD alumni and donors informed and involved. Bringing the telephone pledge program back to the Duluth campus will give us an opportunity to let thousands of alumni know what's happening here, to answer questions, to find out how our alumni are doing in their careers and lives, and of course to ask for the vital contributions UMD needs every year to effectively fulfill its teaching, research, and public service responsibilities."

Major gifts, announcements

The Alice Tweed Tuohy Foundation, Santa Barbara, Calif., has pledged \$212,750 to UMD for the Tweed Museum of Art and art scholarships. The grant included a \$150,000 commitment to establish the Raymond W. Darland Art Scholarship Endowment, in memory of the late UMD provost emeritus.

Donald G. and Donna R. Mattson of Marquette, Mich., and formerly of Duluth have given \$10,000 to establish the Megan Elizabeth Mattson Memorial Scholarship in honor of their daughter who was a sophomore at UMD before she died January 26, 1986. Two

students in their sophomore or junior year majoring in premedicine will be selected annually to receive the award.

The first recipients of the **Beverly and Erwin Goldfine Scholarship for Excellence** have been announced. They are juniors Steven Gildersleeve, business and economics, Dawn Marie Palusky, elementary education, and Julie Lynn Fregien, art. Each award is \$1,000 and renewable for the senior year. The Goldfine Scholarship, established last year with several gifts totalling over \$100,000 in honor of the former university regent and his wife, recognizes UMD students who are at the top of their class.

A \$17,500 grant has been received from the **Endowment of Biblical Research**, Boston, for the Ramseyer-Northern Bible Society Museum Collection housed at the UMD Library. The grant will be used for exhibits of the bible collection, improving public information, and some restoration work. "It's a fascinating collection demonstrating the development of the Bible in English from early to modern translations," said Donald Pearce, library director. Among the volumes are American Indian translations, numerous editions in Swedish, Norwegian, and Finnish, a Koran of handmade paper parchment, and four Torahs ranging from the 15th to 19th centuries.

Continued from Previous Page

going to graduate school and earning a doctorate in business before returning to his native Singapore. And he hopes his \$890 UROP-funded project, "The Analysis of Labor Productivity Effects on Regional Growth," will help his chances of getting into the school of his choice. "This project should help support my applications," he said. "It was a great opportunity."

Lim's efforts were also recognized in April, when he presented his paper at

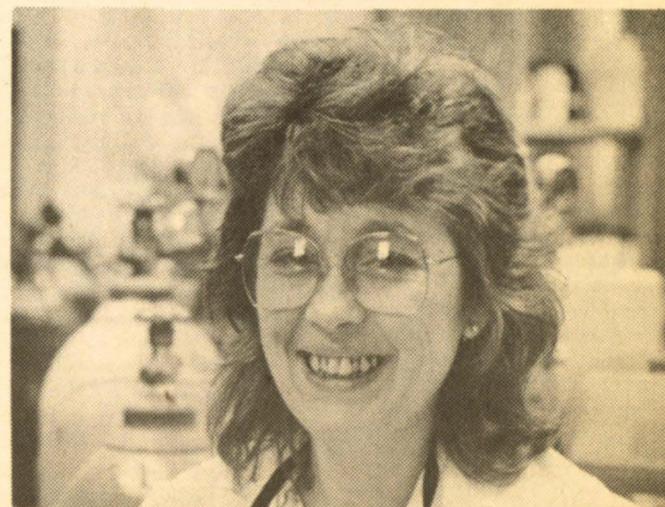
the Second National Conference of Undergraduate Research at the University of North Carolina in Asheville.

Gayle Franckowiak, who graduated last fall with a secondary education degree in social work and a minor in geography, believes her \$1,000 UROP project on "Social and Economic Conflict of American Indian Urbanization" has given her new insight into the needs of the American Indian population and will help her in the classroom. Franckowiak would someday like to attend

graduate school, but for now hopes to land a full-time job teaching in grades 7-12.

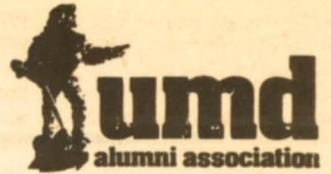
"I'm hoping through the project to develop and share new awareness about American Indians," Franckowiak said. "UROP gave me the opportunity to use skills developed in a classroom setting, apply them in the real world, and put all the information into something useful, valuable."

Lucy Kragness is Bridge editor and publications editor in the University Relations Office.



Arlette Kreager graduated last spring and will start graduate school this fall at UMD. She has been involved in research projects for the last two years and received a \$1,000 UROP grant for her work on "Adsorbed State Cyclizations."

CLASSNOTES



'49



Neumann

Marilyn Nelson Basarich is a librarian at Hibbing High School ... **Arthur J. Letourneau** recently retired after teaching business for 30 years and serving as ski coach in the Duluth school district ... **Paul D. Neumann**, associate professor of chemical engineering, retired in March after 17 years of teaching at Nashville State Technological Institute in Tennessee. Before joining Nashville State, he worked 15 years as a research and development engineer on power reactors at the Oak Ridge National Lab. After leaving Cornell Graduate School in 1950, Neumann spent six years as an industrial chemist for Corning Glass Works. He plans to do some serious hunting and fishing and spend more time with his four grown children and seven grandchildren.

'50

Editor's Note: Most of the Classnotes information from the 1950s was gathered from the pre-registration cards for the "Back to the Fifties" reunion in June. If you'd like to share your news with your former classmates, send us the Classnotes information form on Page 15.

Robert J. Fisher, M.D., is a family practice physician in Ypsilanti, Mich. ... **Harland Johnson** is a retired high school principal. He lives in Cambridge, Minn. ... **Westley G. Olson** is a retired high school administrator. He lives in New Brighton, Minn. ... **Ed Sonnenburg** is a supervisor in the insurance business. Sonnenburg, who lives in Brooklyn Park, Minn., enjoys fishing, golfing, gardening, and jazz ... **Daniel Zigich** recently retired from teaching at Hermantown School.

'51

William Anderson is an office manager in Duluth. He enjoys traveling and golfing ... **Donald W. Clark** lives in Superior and enjoys traveling, volunteer work, and sailing aboard his 22-foot Starcraft ... **Donald M. Cook** is a management consultant in San Marino, Calif. ... **Bob Galinski** is an insurance claim supervisor in Duluth. He enjoys golfing, fishing, cross country skiing, and volunteering at Courage Center ... **June Hendrickson** is the gifted/computer coordinator for the Hibbing School District ... **Elaine Johnson** is a retired piano teacher and organist. She lives in Cambridge, Minn. ... **Mary Reavill Kolar** lives in Duluth ... **Iris Peterson Larson** is a musician, homemaker, volunteer and buyer for a gift shop. She lives in Cambridge,

Minn., and enjoys running, teaching, golfing, and serving as a member of several civic boards ... **Donald W. Rawn** is a CPA/controller. He lives in Paradise Valley, Ariz., and enjoys running and gardening.

'52

Dee Campbell Brust is an instructor for the Hibbing Joint Recreation Board. She enjoys swimming, curling, and bridge ... **Treffle R. Daniels** is a senior high librarian. He lives in St. Louis Park, Minn. ... **Marlowe Hamerston** is a teacher in Columbia Heights, Minn. He lives in Shoreview ... **Earl Juntunen** is a designer/painter living in Esko ... **Kay McDonnell Kalweit** is an actress/model. She lives in Wayzata, Minn., and enjoys golfing, music, and art ... **Gordon and Joyce (Russell) Lindquist** live in New Brighton, Minn. Gordon is president of Mutual Service Insurance in St. Paul ... **Clifford M. Moran** is a chemist at Jet Propulsion Laboratory in California. He lives in San Gabriel ... **Bernie and Marilyn Lee Neary** live in Des Moines, Wash. Bernie is the manager of pricing for the Boeing Co., and he enjoys golfing and fishing. Marilyn is a retirement counselor and spends time golfing and home decorating ... **Ronald W. Weber** is president of Normark Corporation and lives in Edina, Minn. He enjoys fishing, hunting, and golfing.

'53

Mary Birkland is a first grade teacher in Hibbing ... **Dorothy Elaine Angelos Botko** is a homemaker living in Minneapolis ... **Ira "Skip" Burhan** is president and owner of St. Paul Corrugating Co. in Minneapolis. He enjoys boating and sports ... **Jim and Bev Orchard Denney** live on Denney Drive in Duluth. Jim is a realtor and enjoys skiing ... **William and Barbara Eckland** live in Minneapolis, where William is a sales representative ... **Elaine Nielsen Hall** lives in Bremerton, Wash. She is currently a homemaker and enjoys taking part in church activities, including singing in several choirs ... **Betty Anderson Harnell** is involved with Proctor Builders, a family business. She lives in Proctor and enjoys knitting, sewing, golfing, and bowling ... **Wilfred "Bill" L. Jensen** is a salesman for Bayfield Bars, Inc., in Bayfield, Wis. ... **Ken R. and Arden Miller Johnson** live in Superior. Ken is a business instructor at Wisconsin Indianhead Technical College; Arden is a homemaker ... **Phil Letourneau** teaches in Duluth and enjoys skiing, golfing, and sailing ... **Charlotte M. Johnson MacLeod** is an assistant professor of physiology, UMD School of Medicine ... **Will Najjar** is a district supervisor for the Minnesota Department of Corrections. He lives in Bemidji ... **Ron Signorelli** is a business and real estate developer for Atlas Development Corp. in Minneapolis. He lives in St. Paul ... **Ruby Ostrom Thomas** teaches piano and collects and plays piano tunes from 1900-1950s ... **Paul Vesterstein** is a businessman and investor in

Duluth ... **Dick Wallin** is the former Ordean Junior High Principal in Duluth and a secondary education instructor.

'54

Robert J. Brabec is a licensed public accountant and owner of R.J. Brabec Accounting & Tax in Cambridge, Minn. ... **Beth Stewart Cross** is a special education/learning disabilities teacher. She lives in Blacksburg, Va. ... **D. Jeanne Smith Goodwin** is an instructor in child development at Brainerd Community College. Her hobbies include bridge, antiques, and child advocacy ... **Rod Hefferman** is a sales representative for 3M. He lives in Morton, Ill. ... **Audrey Holmes Jacobson** is a bank teller and lives in Redondo Beach, Calif. ... **Carol Ink Marshall** is a developmental counselor and owns Human Technology Services in Duluth. She also teaches professional golf ... **Roy A. Meyer** is an elementary school principal in Duluth ... **Duane Ramfjord** is a teacher in Aurora, Minn. ... **Stanley Schabowicz** recently retired and lives in Waukegan, Ill. ... **John Sherman** is owner of Coca-Cola Bottling Co. of Marshall, Minn. He enjoys fishing and golfing ... **Peggy Woods Wallin** is a substitute teacher in Duluth.

'55

Evelyn Soderberg Anderson is a homemaker living in Duluth. She enjoys traveling, genealogy, and photography ... **Gerald H. Cross** is head of the Department of Fisheries & Wildlife, Virginia Polytechnic Institute and State University. He lives in Blacksburg, Va. ... **David Erholtz** teaches in Duluth ... **Robert W. Hughes** is a CPA. He lives in Richfield, Minn., and enjoys sports and photography ... **Arthur L. Johnson** is in the insurance business. He lives in Minneapolis and enjoys geology, music, and fishing ... **Neil V. Kern** is a chemist. He lives in Crystal Lake, Ill., and his hobbies include amateur radio, photography, and travel ... **Virgil K. Lindquist** owns Lindquist Insurance Agency in Grand Marais, Minn. ... **Grant Merritt** is an attorney in Minneapolis. He lives in New Hope and enjoys golf, fishing, reading, and skiing ... **Dick Ojakangas** is a professor of geology at UMD ... **William H. Reinfeld** is a teacher and lives in Coon Rapids, Minn. ... **Arnold W. Sunnarborg** is a teacher. He lives in Esko and enjoys fishing, hunting, woodworking, and metal work ... **Mary Rees Thomas** is a homemaker. She lives in Duluth and enjoys tennis, gardening, and volunteer work ... **Jack Wangenstein** is a pilot. He lives in Daytona Beach, Fla., and enjoys golfing, jogging, and fishing.

'56

Charles B. Beberg is a teacher. He lives in Grand Marais, Minn., and enjoys traveling, cross country skiing, hunting, and fishing ... **Don Bergum** is an investment banker. He lives in Edina, Minn., and enjoys gardening, travel, and reading ... **John Brust** is an administrator at the Mesaba Clinics in Hibbing

"Back to the Fifties" memories



Enjoying the picnic at Glensheen were, left to right, Virginia Christie Murray '53, Duluth; Bob Fisher '50, Ypsilanti, Mich.; Helen Zigich '50, Duluth; and Dee Campbell Brust '51, Hibbing.



Glen Maxham '58, Count's Cabaret Committee member, and Paul 'Count' Vesterstein '53, chair of Count's Cabaret, discussed last minute plans for the party at Spirit Mountain.



Josephine and Joe Gerlach, men's physical education instructor and coach, live in Winona, Minn. Gerlach was head basketball and track coach and assistant football coach from 1947 to 1956.

and Chisholm, Minn. He enjoys fishing, curling, bridge, and the Lions ... **Lois Lindstrom Gundstrom** is an elementary teacher in Hermantown ... **John E. Hoff, Jr.**, is in the real estate business in Duluth ... **Ann Cook LaPatka** is a homemaker. She lives in Willmar, Minn ... **Vince Lundberg** is a teacher in Duluth ... **Peaches Luoma Ojakangas** is a freelance food writer in Duluth ... **James D. Peterson** is a teacher in Duluth ... **Donald F. Sandstrom** is superintendent of schools in Hermantown ... **Darlene Melander Slotness** is a chemical dependency counselor in Duluth. She enjoys skiing, sailing, golfing, fishing, and travel ... **Barbara Pederson Romano** works at the Duluth Convention & Visitors Bureau ... **Pat Beckman Spearin** works at Beck's Furniture in Duluth.

'57

J.W. "Bill" Bender owns a Culligan Water Conditioning business in Bemidji, Minn. He enjoys traveling and singing ... **Kathleen "Billie" Hayes Bianco** is a homemaker. She lives in Silver Bay, Minn., and enjoys skiing and tennis ... **R. John DeSanto** is an accredited public relations consultant and is a doctor of education professor at St. Cloud State University. He lives in Kimball, Minn ... **Bruce Elving** is in the publishing and electronics business. He lives in Esko ... **Robert D. Esko** is a secondary education teacher. He lives in South St. Paul, Minn ... **Shirley Lone Garner** has been a social services director in Minneapolis. She enjoys traveling, reading, handicraft, gardening, and fishing ... **Gayle Hogenson** is a senior high special education teacher, EBD program. She lives in Minnetonka, Minn ... **Jim Krezowski** is a manufacturers agent in Minneapolis. He enjoys skiing and tennis ... **Patricia Pierce Ness** is an administrative assistant to a Hennepin County commissioner. She has been a political activist for many years ... **Dorothy Orrick** is a special education teacher and lives in Minneapolis ... **Gordon L. Olson** is a retired district manager for the North Dakota Job Service in Fargo. He lives in West Fargo.

'58

Carol Thompson Bergum teaches third grade in Richfield, Minn. She lives in Edina and enjoys traveling, walking, and biking ... **Jerry and Sara Gowan Bertie** live in Fairfield, Conn. Jerry is an insurance executive; Sara is a homemaker ... **Elaine M. Bierman** is an elementary teacher in Eau Claire, Wis. She is also on the board for the Midwest Institute of Scandinavian Culture, a 4-H leader, and member of her church choir and Christian Women's Club ... **Jerry Dolence** is a consulting geologist in Reno, Nev. Several years ago he retired from Exxon after 16 years of service ... **Lee and Marlene Engen** live in Cloquet. Lee is the raw material coordinator at Potlatch; Marlene is a teacher ... **Carol Kelley** is a teacher in Duluth ... **George LaPatka** is an assistant director of the Willmar Technical Institute in Willmar, Minn ... **Glenn Maxham** is a video producer and lives in Duluth ... **Richard L. (Dick) Peil** is vice president and general manager of Sterling Electric Company in Minneapolis. He lives in Plymouth, Minn ... **William C. Strick** is a teacher in Hastings, Minn. He enjoys music, photography, and fishing.

'59

E.A. (Ernie) Center was recently assigned additional responsibili-

ties for Rockwell International Corp. in California. Center is the corporate and aerospace vice president of Operations Support, which includes responsibility for all real estate, facilities, flight operations, logistics, and quality and reliability assurance. He also has been nominated for membership on the prestigious Defense Manufacturing Board, which was established by Congress to improve the relationship between the Department of Defense and the aerospace industry ... **John Hatten** is a UMD professor of allied clinical health and assistant dean of the Graduate School ... **Nancy Jo Dillon Hendrickson** is the area manager for the Minnesota Department of Jobs & Training in Fridley. She enjoys travel, golf, dancing, cross country skiing, and civic activities ... **Mary Lynch Holmes** is a homemaker and holds a variety of volunteer positions. She also enjoys golf, bridge, skiing, and church work ... **Laurene Gjenste Hutchison** writes unemployment determinations for the Minnesota Job Service office in Duluth ... **Harriett Pollard Kern** is an elementary teacher. She lives in Crystal Lake, Ill ... **Charles Mannel** is vice president of the Thunderbird Campus of the American Graduate School of International Management in Glendale, Ariz. He lives in Sun City and enjoys flying ... **Mary Montague** is an employment department representative and trainer for the State of California. She lives in Redding ... **David F. Zentner** is a life insurance sales representative in Duluth.

'60

Robert M. Anttila recently accepted a position with Computer Sciences Corp., Systems Division, in San Diego as a senior technical specialist in the STAFS Project Office ... **Thomas Gemuenden** is a social service administrator in Duluth. He enjoys woodworking, gardening, and photography.

'61

Marion Hedenberg teaches at Central High School in Duluth ... **Thomas Suomalainen** was recently selected "Artist of the Year, 1988" by the city of Winston-Salem, N.C., and the Sawtooth Center for Visual Design (Winston-Salem). A major retrospective exhibition will be shown in June at the Milton Rhodes Gallery in Winston-Salem as part of year-long exhibitions and programs.

'62



Richard Amato

Patricia Abbott Richard-Amato's new book was recently released by Longman. The book, *Making it Happen: Interaction in the Second Language Classroom*, is intended for teachers in training and inservice teachers. She also was the recipient of the 1984 Mildener Medal along with John Oller, Jr., for a book entitled *Methods that Work*. The award is given annually for an outstanding research publication in the field of teaching foreign languages and literatures by the Modern Language Association. Richard-Amato is currently the coordinator of ESL



Beth Brown, UMD alumni program coordinator at left, presented Judith Hadel with a Distinguished Alumni Award during the Alumni Board's annual meeting in June. Hadel, who graduated from UMD in 1980, presented Dorothy Molter: Living in the Boundary Waters, a documentary she produced on Dorothy Molter, the last year-round resident of the BWCA in northern Minnesota.

Teacher Training Programs at Cal State, Los Angeles ... **John Hedenberg** teaches accounting at the Duluth Technical Institute.

'63

Ralph Doty has been appointed president/chief executive officer of Lakeland Community College in Mentor, Ohio, a Cleveland suburb, effective Aug. 1. Doty has been president at St. Louis Community College at Meramec in Kirkwood, Mo., for the last seven years. Before moving to St. Louis, Doty was president at Vermilion Community College in Ely, Minn., from 1977-81; Minnesota state senator from 1971-76; professor of education at the College of Scholastica from 1968-76; and news director at KBJR-TV from 1976-77.

'66



Maki

Dennis L. Maki was recently promoted to group vice president at Herff Jones, Inc., an Indianapolis-based manufacturer of class rings, yearbooks, and graduation announcements. His new responsibilities include the company's Nystrom Division, Canadian Division, as well as the corporate financial and administrative areas. Prior to the promotion, Maki was vice president of finance and administration. He joined Herff Jones in 1972.

'67

Jennie Dahlman Hanson recently celebrated her 20th anniversary of teaching in the Cromwell-Wright School District No. 95 in Minnesota, including teaching fourth grade for 18 years. Her students are currently collecting pop tabs, with over 300,000 of a one million goal gathered in one school year. To help the fourth graders reach

their goal, send tabs to: Pop Tab Class, Wright, Minn., 55798 ...

Mary (Peg) M. Hanson Steinhauer lives with her husband Roland and their daughters in Evergreen Park, Ill. She has served as a Girl Scout leader, winning state and national awards, and as an active member and officer on elementary, junior high and high school PTA boards for over nine years, earning a Distinguished Service Scroll. In the winter, she works part time as a telemarketer.

'68

Herbert Dotzler is currently a programmer/analyst with Northwest Airlines at the Minneapolis-St. Paul International Airport. He is also an FAA certified backup flight cabin-crew attendant ... **Roger Rowe** was recently transferred by Exxon to Houston, Texas.

'69

Linda M. LeBlanc Hoffman was selected single Minnesota "A" gymnastics coach of the year for 1987. In addition to serving as the girls gymnastics head coach, she teaches health, physical education, and adapted physical education at Two Harbors High School. She received her master of education degree from UMD in 1988.

'70

Kathleen Moore Day teaches kindergarten in Marietta, Ga., and is working toward her master's degree in education ... **Marshall L. Day** was recently named vice-president/controller of The Home Depot, an Atlanta-based company which operates retail warehouse stores throughout the sunbelt ... **John Dolan** is a petroleum engineering officer at the United Bank of Denver in Colorado ... **John Hanten** was recently named manager of the Denver division of Chevron Geosciences Co ... **Dave Reid** is with Abermin Corp. in Vancouver, B.C.

'72

Catherine Sundstrom Bard is attending medical school at the University of Texas Health Service Center in San Antonio ... **Karl Everett** is with Vulcan Materials Co., S.E. Division, in Atlanta, Ga ... **Allen Mattis** is

currently with Amerada Hess Corp. of New York City.

'73

Bruce L. Smith was recently appointed general manager of KUAC-TV & FM in Fairbanks, Alaska. He previously served for six years as general manager of KSKA-FM in Anchorage, and as general manager of WKMS-FM in Murray, Ky.

'74

Sharon Lindh Brenner is controller for Aspen Base Operation airport in Aspen, Colo ... **James Kulas** is working for the Doe Run Co. in Boss, Mo ... **Scott Saremba** works for Texaco Oil in New Orleans ... **Daniel Zigich** is with R. Stollar & Associates, Inc., in Lakewood, Colo.

'75

Dave Goodner is currently with Mobil Petroleum in Stavanger, Norway ... **Clarence (C.J.) Johnson** is working for Versar, Inc., in Fair Oaks, Calif ... **Lynn Marie Starkovich** received a juris doctor degree from William Mitchell College of Law in St. Paul last January.

'76

Bevan Alwin works for Exxon in Kingwood, Texas ... **Michael Gasser** currently is with Stone and Webster, a geology, hydrogeological, architectural company in Lakewood, Colo. He attended the Colorado School of Mines ... **Steven C. Korby** was recently appointed executive director of the Duluth Area Labor-Management Association, a non-profit organization actively working to stimulate and improve labor management relations and interaction in northeastern Minnesota and northwest Wisconsin.

'77

Sally Summer-Mellang, a mother of three, currently sings with Trillium, a trio of women from the North Shore. She is also the organist for the Lutsen Church.

'78

Bruce Saaski is working for Terratek Geoscience Services in



The UMD men's basketball team spent a week in Seoul, South Korea, from June 4-11. In addition to playing two games against the team from Yonsei University and a game against a city team sponsored by Hyundai, the Bulldogs toured the facilities for the 1988 Summer Olympics. The trip was sponsored by Robert J. Rich of KBJR-TV in Duluth.

Softball team captures second

A second-place finish at the NAIA National Softball Championships and the selection of two Bulldogs as top scholar-athletes in their respective conferences highlighted the spring sports season for UMD athletics.

The Bulldogs made mincemeat of the UMD softball record book in 1988 as a grand total of 37 team and individual single-season standards fell by the wayside. UMD posted a remarkable 49-11 overall record in addition to capturing its second straight Northern Sun Conference title with a perfect 12-0 mark. The Bulldogs also laid claim to their first NAIA District 13 and NAIA Bi-District 6 crowns, which enabled them to qualify for the school's inaugural berth in the eight NAIA National Championships in Oklahoma City, Okla., in May.

UMD opened play by reeling off three straight wins in the 16-team, double-elimination tournament before falling to Pacific Lutheran University 5-0 in the championship round finals. The next morning, the Bulldogs rebounded to upend Saginaw Valley State University 5-1, only to later fall to Pacific Lutheran 2-0 in the title contest. Still, the second-place finish by the Bulldogs represented the

finest showing ever by a UMD team in an NAIA national event.

Four Bulldogs — junior first baseman Kelli Heid (Spring Lake Park, Minn.), who topped the Bulldogs in hitting with a .400 average, senior pitcher Renee Fluegge (Coon Rapids, Minn.), the owner of every Bulldog career mound record, junior centerfielder Becky Williams (Burnsville, Minn.), and sophomore pitcher Kelli Ritzer (Stillwater, Minn.) — were chosen to the 14-member All-Northern Sun Conference team.

Showing that they are truly at the head of their class, seniors Tom Aney (Rochester, Minn.) and Tara Haiskanen (Grand Rapids, Minn.) were tabbed the Outstanding Senior Scholar Athletes for the Northern Intercollegiate Conference and Northern Sun Conference, respectively.

Aney, who completed his collegiate tennis career with the Bulldogs this past spring, posted a four-year record of 126-14 while winning an unprecedented four NIC singles and four NIC doubles titles. He maintained a 3.42 grade point average in mathematics en route to becoming the fourth recipient of the Dr. William Britton Award as the NIC's top Scholar-Athlete for 1987-88.

Haiskanen compiled a

grade point average of 3.46 in elementary education/teaching to earn the third Northern Sun Conference Scholar-Athlete Award for Academic Excellence. A four-year letterwinner with the volleyball Bulldogs, Haiskanen was named to the All-NSC team as both a junior and senior and the NCAA Division II All Region honor group last fall.

Other spring highlights for UMD included a seventh straight NIC title for head coach Don Roach and the Bulldog men's tennis contingent, a solid second-place conference finish for both the UMD women's tennis and men's track and field (outdoor) units, and a ninth consecutive winning season for the Bulldog baseball team.

In late April, senior defensive tackle Dave Viaene (Appleton, Wis.) became the first Bulldog in over a decade to be selected in the National Football League Draft when he was chosen in the eighth round by the Houston Oilers (214th pick overall).

Viaene and Fluegge were also named UMD's Outstanding Senior Athletes for 1987-88 while Aney and Haiskanen received the school's Top Scholar-Athlete honor.

Dallas ... **Mark Severson** is in charge of the new electron microprobe at the UMD Natural Resources Research Institute.

'79

Steve Fritts is currently with Image Exploration in Lakewood, Colo ... **Gary Hines** works for Gulf Oil in Denver ... **Jon Tofte** is president of Global Ideation, Inc., of Duluth, which sells graphics instruction for the Macintosh.

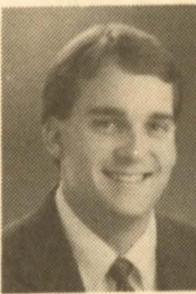
'80

Mark Kirstein is working in the Boston area as a gemologist ... **Rod Macleod** is a senior mine geologist in the Mining Operations division of Brohm Mining Corp., Vancouver, B.C. He is currently on site in Deadwood, S.D. He received his master of science from the South Dakota School of Mines.

'81

Fred Campbell works for the State of Minnesota Highway Department and lives in Minneapolis ... **Tim Flood** earned a Ph.D. from Michigan State and is an assistant professor of geology at St. Norbert's College in Green Bay, Wis ... **Rick Graham** currently works for Ecology and Environment, Inc., in Chicago ... **Lloyd Johnson** works for Guardian Photo Co. in St. Paul ... **Jeffrey T. Jones** is an engineering/urban geologist in Seattle. He completed a master of science degree at Washington University ... **Nick Kohlmann** is a professional photographer in Port Credit, Ontario ... **Dave Kylonen** was recently promoted to hydrogeologist for the EPA in San Francisco. He is working on computer modeling for groundwater and reviewing superfund projects ... **Dean Lindstrom** is completing work on his Ph.D. in the Department of Geophysical Sciences, University of Chicago ... **Timothy G. Lustig** works with Terratek Geoscience Services in Dallas ... **Rick Peterson** works for Mobil Exploration and Production in Dallas ... **Frances Ann Weber** graduated from the University of Wisconsin, Madison in May and was awarded a master of arts degree in library and information studies ... **Mark Zwaschka** is with Westmont Mining Inc. in Charlotte, N.C.

'82



Hagge

Doug Hagge was recently promoted to research account supervisor from research account executive at Campbell-Mithun Advertising in Minneapolis. He joined the agency in 1985 from Consumer Research Corporation ... **Don Harkey** works with McClelland Management Services in Houston, Texas ... **David Jaeger** recently joined Environmental Research and Technology in St. Louis Park, Minn. He has a master's degree from Michigan Tech ... **Timothy Johanson** recently accepted the chief residency in pediatrics at the University of North Carolina and North Carolina Memorial Hospital in Chapel Hill for 1989. He plans to do a neonatology/perinatal medicine fellowship

after his year as pediatric chief resident. The Duluth native graduated from the University of Minnesota Medical School in 1986 ... **Greg Ojakangas** has completed his Ph.D. in planetary sciences at California Institute of Technology and currently has a post doctorate fellowship at the University of Arizona, Tucson ... **Erik Rorem** is branch manager of Bondar-Clegg, Inc., in Sparks, Nev ... **James Werler** is product manager for Chemstar products in Minneapolis.

'83

Paul Anderson received a master of science in marine geophysics at the University of Hawaii and is on a one-year fellowship in the geology department at Indiana University in Bloomington ... **Janice Heller** is a master social worker and private therapist in West Plains, Mo. She also works for the State of Missouri delivering in-home family therapy in Oregon County ... **Randy Hill** is currently working as a major account executive for the Xerox Corp. in Edina, Minn ... **Vicki Fadden Hill** is the recruiting coordinator for the Larkin, Hoffman, Daly Law Firm in Minneapolis ... **Patricia A. Knutson** is currently a writer for the U.S. Naval Academy in Computer Services. She lives in Annapolis, the historic capital of Maryland ... **Larry Lehtinen** was recently named manager of Inland Steel Mining Company's Minorca Mine in Virginia, Minn. He joined Inland at the Minorca Mine in 1977 as a mining engineer. He transferred to Inland's Chicago office in 1979 as an internal auditor, returned to Minorca in 1980 as a plant engineer, was named senior plant engineer in 1981, general operating engineer in 1984, plant superintendent in 1985, maintenance superintendent in 1987, and superintendent-plant in 1988 ... **Joyce Meints** works for Westinghouse Hanford Co. in Richland, Wash ... **Mark D. Moroney** is currently with Aptus, a division of Westinghouse involved in hazardous chemical and PCB incineration, reclaiming, and disposal located in the Twin Cities. He also started New Neighbor Welcome Services, which promotes merchants to newcomers of Eagan, Minn ... **Dawn Schissel** graduated in June from the University of Minnesota Medical School in Minneapolis and will begin her residency in family practice at Broadlawns Medical Center in Des Moines, Iowa ... **JoLee J. Gruber Sheehy** is a telecommunications analyst at the Mayo Clinic in Rochester, Minn. She recently married Patrick M. Sheehy, a computer programmer at IBM ... **Barbara Tollefson** lives in Long Grove, a Chicago suburb, and works in the city as a relocation coordinator in the Office for Personnel for the new Evangelical Lutheran Church in America.

'84

Jon Aspie is finishing a master's degree in hydrogeology at Montana State University in Bozeman ... **Steve Geerts** is currently with Lakehead Testing Laboratory in Duluth ... **Cathy Carlson Grams** is currently doing computer installation/trouble shooting for the St. Paul Companies ... **John Grams** is with Delta Environmental in the Twin Cities ... **Chris Haas** is currently with Braun Environmental Labs in Eden Prairie, Minn ... **John Heino** works in governmental relations for Minnesota Power in Duluth ... **Carolyn Boben Jaeger** recently joined Delta Environmental in the Twin Cities. She has a

master's degree from Michigan Tech ... **Jane Markland** is working for Soil Testing Service Consultants in Minneapolis ... **Peter Mommsen** is a geologist with Braun Environmental Labs in Eden Prairie, Minn ... **Ed Mulligan** is in charge of an educational microcomputer laboratory in the geology department at the University of Washington ... **Keith Rapp** is currently with Delta Environmental Consultants in St. Paul. He received a master of science in hydrogeology from Baylor University ... **Brian Sandberg** received a master of science from the University of North Dakota and works for Conestoga-Rovers & Associates in New Brighton, Minn ... **Dave Sheild** is currently in Ely, Minn., working on the 1989-90 Transantarctic Dogsled Traverse to the South Pole, which will be led by North Pole explorer Will Steger.

'85



Kellett

Scott Kellett recently joined the Duluth office of Dain Bosworth, Inc. as an investment executive. Before joining Dain Bosworth, he worked at the Carter Insurance Agency in Duluth ... **Elizabeth Metzen** recently

been working for Barr Engineering in Bloomington, Minn ... **Brett Sande** is a staff process engineer for Potlatch Corp., Northwest Paper Division in Brainerd, Minn., where he is associated with the Technical Services and Quality Control departments ... **Anne Williamson** is with AMAX Exploration in Elko, Nev.

'86

Joseph Ademino is a sales representative for R.J. Reynold Co. in Minneapolis ... **David Aspie** is working on a master's degree in geological engineering at the University of Minnesota, Twin Cities. He was awarded a graduate school fellowship and works as a research assistant in the department ... **Kevin Blatnik** is with the purchasing department of Kirkland Analysis in Chicago ... **Terry Boerboom** is working for the Minnesota Geological Survey in St. Paul ... **Margaret Downs Claffin** is a management trainee for Rode-way Inns in Colorado Springs, Colo ... **Jim Frantes** currently works with Versar, Inc., in Fair Oaks, Calif ... **Matthew Fust** recently joined Film in the Cities, a St. Paul-based film and video arts organization, as financial director ... **Joanne Hejny** is an editor with Chapin Publishing in Robbinsdale, Minn ... **Dan Holm** is working on his Ph.D. at the Department of Earth & Planetary Sciences at Harvard University, Geological Museum ... **Thomas Imhoff** is a management trainee with IDS in Minneapolis ... **Craig Jensen** is a reservation sales representative with Northwest Airlines in Tampa, Fla ... **Michael Kunz** recently accepted a new position with Malcolm Pirnie, Inc., an

environmental engineering consulting firm based out of New York. He is working in the Minneapolis office as an environmentalist/geologist on hazardous waste sites ... **Sheila Mulcahy** is completing her training toward a teaching degree in the Teachers for Rural Alaska Program at the University of Alaska, Fairbanks. She has student taught in the Eskimo village of Kwigillingok ... **Daryl Reed** is a hydrogeologist for Baywest Environmental in St. Paul ... **Colin Reichhoff** is a geologist/hydrogeologist for RREM Inc. in Duluth ... **Julia A. Sugg-Olson** is the community outreach coordinator at Shriners Hospital for Crippled Children, Twin Cities Unit ... **Doug Tesch** is a sales representative with College House, Inc., handling the Minnesota and western Wisconsin territory.

'87

David Anderson is a camera operator for KBJR-TV in Duluth ... **Christine Bensoni** is an accountant with EPT Accounting in Bloomington, Minn ... **Timothy Blegen** is a loan officer for IIT in Crystal, Minn ... **Dale Cartwright** works for the Minnesota Department of Natural Resources in Hibbing ... **Thomas Cummings** works in pensions and investments at Norwest Bank in Minneapolis ... **Donna De Paulis** is assistant manager of the Pillsbury Fitness Center at Abbott Northwestern Hospital in Minneapolis ... **Anthony Dineau** is working on a master's degree in geology at the University of Missouri, Columbia ... **Margaret Donahue** is a lobbyist for Minnesota Coact in Minneapolis ... **Timothy Everson** is a management

trainee at Target in Duluth ... **Kimberly Johnson Hallgren** is an accountant with GMAC in Duluth ... **Susan Haskins** is an assistant manager at the Chamber of Commerce in Alexandria, Minn ... **Jean Hinnekamp** is a child care counselor at Arlington House in St. Paul ... **Jon Hoven** works in personnel at La Bounty Mfg. Co. in Two Harbors ... **Thomas Johnson** is an accountant with Stirtz Bernard & Co. in Minneapolis ... **Juliann Kellner** is a reporter with WDIO-WIRT TV in Duluth ... **George King** is a correctional officer at the Federal Bureau of Prisons in Oxford, Wis ... **Caroline Klang** is a child care worker at Northwoods Children's Home in Duluth ... **Scott Knutson** works in the credit department for Northwest Airlines in Minneapolis ... **Susan Sorger Lepisto** is a systems analyst/programmer at West Publishing Co. in St. Paul ... **Cynthia Lundmark** is a manager trainee at Dayton's Ridgedale store in Minneapolis ... **Timothy Magnuson** is in the U.S. Navy in Chicago ... **Nancy Mattson** is a paralegal for Demotto & Lynch Law Firm in New York ... **Gary Moyer** is a management trainee at Kinney Shoes in Minneapolis ... **Douglas Neff** is a sales representative for Leisure Lake & Lawn in Brainerd, Minn ... **Jennifer Nesburg** is a youth and education

director at Grace Lutheran Church in St. Paul ... **Mary Novack** is a management trainee at Deluxe Check Printers in St. Paul **James Paquette** is an assistant manager at Superior Inn in Superior ... **Jayne Reichhoff** is an assistant scientist doing computer drafting for the UMD Natural Resources Research Institute **Brett Salo** works in financial services for IIT in Albert Lea, Minn ... **Patricia Simon** is an architectural assistant for Richard Whiteman Architect in Duluth ... **Mark Spehar** is a management trainee for Target in Minneapolis ... **Curtis Stock** is an environmental technician for Pace Labs in Golden Valley, Minn ... **Michael A. Swan** is senior aquatic biologist for the Minnesota Chippewa Tribe in Cass Lake ... **Curtis Swanson** is a sales representative for American Frozen Foods in Bloomington, Minn ... **Lauren Verbridge** is a sales representative for Dayton's in Minneapolis ... **Valerie Vito** works for Westmoreland Larson & Hill in Duluth ... **Martin Wangenstein** is with Baywest Environmental Consultants in St. Paul ... **Barbara Wonson-Liukkonen** has been named Water Resources Agent for Lake and Cool counties by the University of Minnesota Extension Service ... **Julie Zenner** is a reporter for KDLH-TV in Duluth.

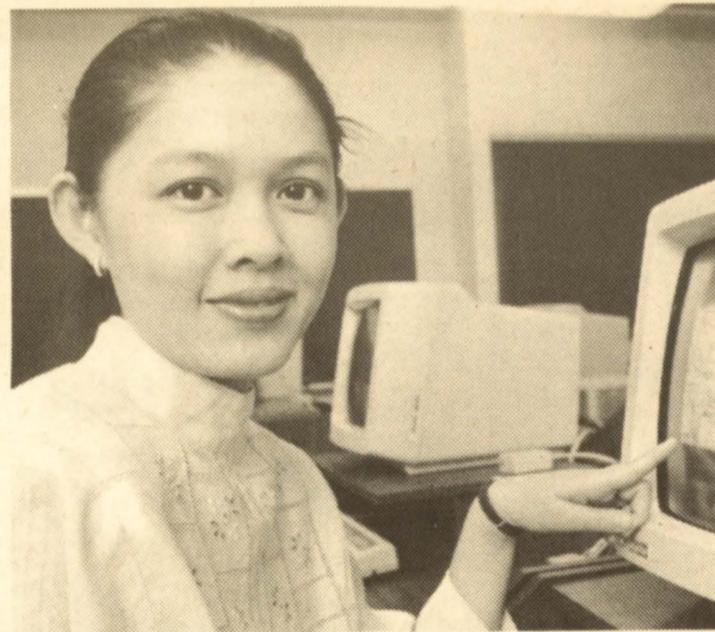
UMD sends high technology to rural villages in Thailand

What can the University of Minnesota, Duluth (UMD), offer a villager in Thailand? If Dean Larry Bright has his way, UMD will soon be exporting high technology to the Thais in the form of videodisc knowledge.

Bright, who is dean of the College of Education and Human Service Professions at UMD, spearheaded the university's videodisc research program a few years ago. Videodiscs are TV-like computer terminals that interact with students in self-paced learning.

This spring a researcher from Chaing Mai University in Thailand spent two months at UMD collecting data on the university's videodisc research.

Chanchai Temiyakarn (pronounced SHEN-SHY temee-YAH-karn), an education professor, hopes to take information home to Thailand that will eventually help educate teachers and students alike. "In most Thai villages, even families without running water are usually equipped with television sets," says Bright. For the majority of these people, formal education has been a distant dream.



Chanchai Temiyakarn, an education professor from Chaing Mai University in Thailand, recently spent two months at UMD collecting data on the university's videodisc research.

The installation of videodisc technology could change all that, enabling even a remote village to offer courses ranging from farming strategies to geography.

"Our people could stay at home and educate themselves with the technology now available," Temiyakarn says. So far, UMD has cooperated with Chaing Mai University to produce nine videodiscs.

Thailand, a land of

centuries-old traditions, is far less conservative today than in the past, she notes. In part that's because Western influence has come to the nation, largely in the form of big business and industry.

"It's important that we learn to deal with the change that comes with progress in Thailand," Temiyakarn says. "I hope we can take the best part of technology and use it to help our people."

Share your news

Keep your former classmates informed on what you've been up to through Classnotes. Send completed forms and a black and white photograph, if available to:

Bridge
UMD
315 Darland Administration Building
Duluth, MN. 55812

Name _____

Class _____

Address _____

City, State, Zip _____

Phone _____

Check here if this is a change of address _____

Classnotes news:

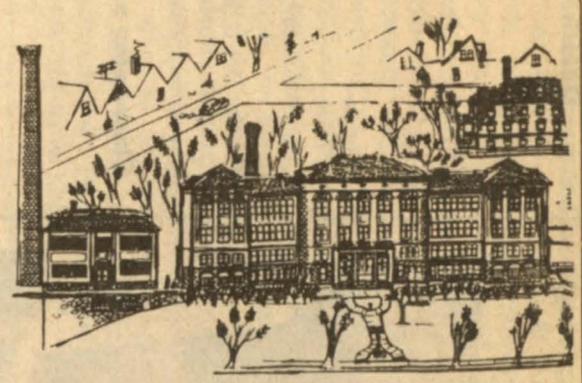
534712
 M... HENDRICKSON
 ...ANCE DR W
 ...ALLEY, MN
 55422 4403

UMD Bridge
 University of Minnesota, Duluth
 10 University Drive
 Duluth, Minn. 55812

NON-PROFIT
U.S. Postage
PAID
 PERMIT NO. 67
 DULUTH, MINNESOTA

BRIDGE CALENDAR

The (Maroon and) Gold Rush Days for the Forty-eighters and Forty-niners



A 40-year reunion celebration for the first two graduating classes of UMD to be held during homecoming weekend, October 7-8, 1988

Schedule of Events Friday, October 7

Registration	10 a.m. – noon	Kirby Student Center Lounge
Campus Tours	10 a.m. – 11 a.m.	
Social Hour	6 p.m. – 7 p.m.	Kirby Student Center Ballroom
Maroon and Gold Dinner and Program	7 p.m. – 9 p.m.	
Dancing	9 p.m. – midnight	

Saturday, October 8

Homecoming Brunch	11 a.m. – 1 p.m.	Campus Club
Homecoming Game	1:30 p.m.	Griggs Field
“Fall Colors” Dinner Cruise	4:30 p.m. – 9:30 p.m.	Vista Star Cruise Ship

Invitations and registration forms will be sent to all alumni from '48 and '49 with addresses on file at the UMD Alumni Office. For further information, please call or write to: UMD Alumni Office, 315 Darland Administration Building, Duluth, Minn., 55812, 218-726-8197.