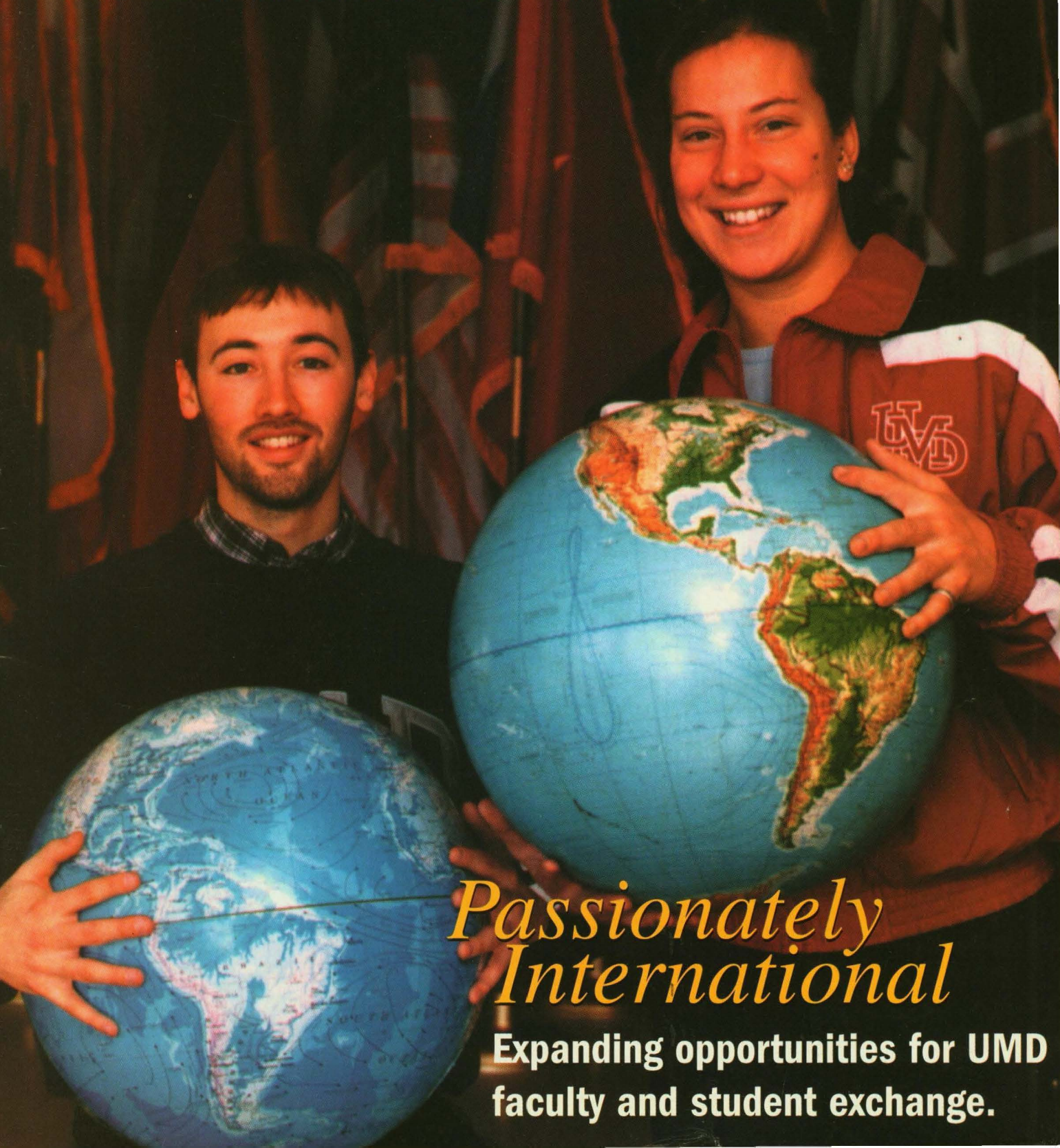


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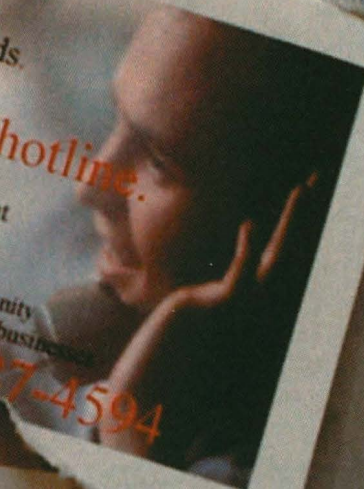
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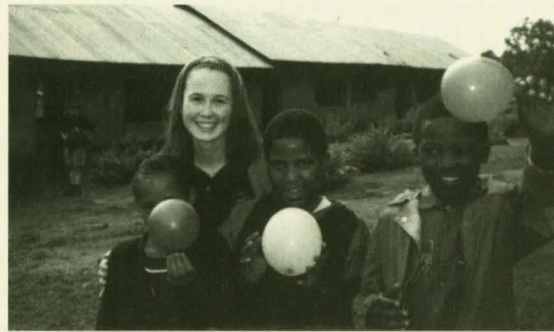
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*About the cover: Students Melissa Warp and Tony Vetsch were part of the UMD Study Abroad program. Warp studied in Birmingham, England in 1996-1997 and Vetsch studied in Umeå Sweden in 1997.
Top, page 1: Aimee Cloutier made new friends on the University Singers trip to Africa last year.*

Building for the Future

by Chancellor Kathryn A. Martin

As we celebrate the New Year, it is with great pride and anticipation that we envision the future of UMD. Through the continued support of our many alumni and friends, UMD will continue to provide an outstanding educational experience for all of our students.

Campus visitors the last six months have noticed the quick progress that is being made on UMD's new library. The rising concrete walls in the huge hole will provide the foundation for the new state-of-the-art facility, and the first floor is now being poured. The library is scheduled to open in the fall of 2000.

In addition to the library, we are also involved with architects in the pre-design phase for a Music Performance Laboratory, the Women's Ice Center and a Science Laboratory Building. Each of these facilities will extend the campus commitment to excellent facilities to support our students and faculty.

The library leads our technology initiatives, with the addition of 800 to 1,000 study stations equipped with data and electrical ports for laptop computers. Several departments are also integrating the use of laptops into their curriculum to meet the changing technological demands of their disciplines. Classrooms continue to be upgraded to accommodate laptops, with all of the campus residence halls wired for access to the campus network and the Internet.

The 1990s brought us email and the World Wide Web, with today's students and recent graduates relying on the fast electronic forms of communication. The information explosion demands that educators prepare students to harness and sift through the technological advances. Through our new visualization and digital imaging laboratory, graphic design and engineering students will find themselves working side by side on computer modeling projects. The traditional lines between these and other fields have blurred, creating curriculum challenges and rapidly changing opportunities for our students. For example, new degree programs — a Bachelor of Science in Information Systems and Technology and a Bachelor of Business in Management Information Systems — will soon be available. The Master of Fine Arts in Graphic Design and a Bachelor of Fine Arts with an emphasis in Art and Technology have also been added.

UMD's partnership with the City of Duluth in the Duluth Technology Village has positioned us to enter the next century ready to help our students prepare for as yet undefined careers in information technology. Through the Department of Education, we are also preparing students and practicing teachers to apply a variety of software in their classrooms and workplaces through the certificate program in technology. Through the use of virtual reality technology, students become participants in abstract spaces, whether the bottom of Lake Superior or ancient Egypt. In either instance, virtual reality technology allows students to interact with people and space previously inaccessible.

Our development efforts are 100 percent ahead of last year in reaching toward our goal. We thank the many alumni who responded so generously to the calls from students during the Annual Fund phonathon drive. The students enjoyed making the calls and look forward to being members of the Alumni Association upon graduation. Many of the student callers rely on financial aid, which includes scholarship opportunities provided through many of your generous donations.



letter from the Chancellor

In 1998, we met old friends and made new ones during visits to the Twin Cities, Florida, California, Denver, Milwaukee and New York City. This year we will be returning to many of these areas, and we hope to soon visit alumni in New England.

In December, 11 UMD faculty members were named to the University's new Academy of Distinguished Teachers. They are: Thomas D. Bacig, Sociology-Anthropology; Ron Caple, Chemistry; Joseph A. Gallian, Mathematics and Statistics; Linda Rae Hilsen, Instructional Development Service; Virginia T. Katz, Communication; Richard W. Lichty, Economics; Linda Miller-Cleary, English; A. Maureen O'Brien, Economics; Richard W. Ojakangas, Geology; Helen Rallis, Education; and Eileen Zeitz, Languages and Literatures. These outstanding educators exemplify the high standards that define our dedicated faculty members.

Our faculty are also involved in diverse research projects and currently are involved in \$26 million in sponsored research projects. The number of students involved in the Undergraduate Research Opportunities Program (UROP) continues to grow, with 94 students currently working with faculty members from across the disciplines. Our goal is to continue to expand the undergraduate research opportunities.

While we prepare for a new century, UMD continues its 104-year-old history as an undergraduate university with selected graduate programs. We also proudly continue our history as a teacher preparation college. The lab school partnership between Chester Park Elementary School and the UMD College of Education and Human Service Professions continues to flourish. The teachers and students are defining a best-practices elementary school, with a special focus on the arts and technology. We are hopeful to expand this initiative next year.

In many ways it is hard to believe that the calendar reads 1999. As alumni and friends of UMD, we hope that you will share in our excitement as we look forward to continued growth during the next 100 years.

SOES UMD International

PASSIONATELY INTERNATIONAL

Expanding opportunities for UMD faculty and student exchange

Frequent flyer miles are adding up at UMD. The chances for study abroad, faculty and student exchanges, volunteer opportunities and international business assistance continue to increase. Describing all recent travels would be impossible so this article will just touch on a few areas where UMD has reached outside of U.S. borders. This issue of the Bridge will take a look at recent developments in UMD's ever widening contact with the world.

Voices Blend on the African Continent

One year ago, UMD's University Singers performed in Nairobi, Kenya and Dar Es Salaam, Tanzania. The trip, led by director Stan Wold, was an unforgettable experience for the UMD student singers.

During their tour of Africa, the group stayed with Kenya's Muungani National Choir host families. For participating students Mindy Swanson and Dan Kernler, the experience of living with a host family highlighted the differences between cultures. Most of the host families were middle class professionals, yet they lived in houses with tin roofs and no running hot water. A little girl in Swanson's host family had never seen a white person before and rubbed Swanson's white skin with curiosity.

Three years ago, University Singers decided to go to Africa. Vernon

Opheim, Wold's predecessor and presently a tour operator, met with the University Singers to plan for the trip. "The students had to foot most of the bill themselves," commented Wold. To raise a portion of the \$3,200 dollars needed by each student, the singers held a banquet, sold food at choir festivals, and sold poinsettias.

The trip to Africa had its difficulties.

Top: UMD faculty member Ann Bergeron used movement to teach a multi-lingual class in Hungary last year. Bottom: Choir director Stan Wold and UMD's University Singers perform at the Maasai Girls School in rural Arusha, Tanzania.



Thanks to the rain El Nino brought to Africa, the group had vehicle trouble. Traveling short distances sometimes took hours. The steep slopes were so muddy the vehicles would start sliding down backwards. One performance was canceled even though a church full of people was waiting to hear them sing.

Kenyan national elections also made the trip difficult for the singers. "We thought the elections were over, but because of the rain they had to be extended," said Kernler. This left the group with lower standard vehicles while the more reliable vehicles transported voting officials to the provinces.

The singers bussed to north central Tanzania, where they spent several days performing. They performed at the Dar Es Salaam cultural center, and at the University of Dar Es Salaam. During this time, the University Singers participated in music and theatre workshops. The group visited a hospital in Tanzania where 30 percent of the patients suffered from AIDS. They also spent a day at an elementary school where 100 students were packed into one classroom. Only one third of the children had desks; some sat on the dirt floor or on rocks.

Wold remembered, "In Nairobi, the host families were also choir members, and together we performed two numbers that the University Singers had rehearsed in Swahili." In Nairobi the performance included a 25-minute long 'curtain raiser' by the host choir. "Standing on stage with people who had become international friends was an incredible experience," said Wold. "It was an intense way to experience music, especially with a non-eurocentric music culture. Making a true connection by simply stepping into another culture is a powerful way to learn."

- Jessica Schneider

Moving Friends/Silent Partners

Thirty people sat on the floor in a studio on the fifth floor, sweating and breathing hard. Light streamed into the space from windows at the top of the room; a wall of mirrors reflected the students. One young Hungarian student lifted up his eyes and proclaimed, "In this moment, we are not in this room,

we are not in Budapest, we are not in Hungary, the outside world does not exist..." The students had just completed a three-hour movement workshop with UMD theater associate professor, Ann Bergeron. Without words in common, they used movement, balance and rhythm to communicate. Over three hours, they tossed each other in the air, held each other's arms, legs, and bodies, and began to trust their partners.

This was one of the unforgettable experiences shared by Ann Bergeron and Matthias Anderson, Nelson Andrewz, Brad Bone, Valerie Buel, Shana Croll, Amy Eicher and Kourtney Kaas. The group spent ten days in March of 1998 with some of the world's finest student theater performers at the Academy of Drama and Film International Theatre School Festival in Budapest, Hungary.

UMD's relationship with the Academy of Drama and Film began seven years ago when the former School of Fine Arts Dean, Dick Durst, established a connec-

tion with the Hungarian Cultural Attache at the American College Theater Festival Competition in Washington D.C. His contacts sent the theater group on its first tour in 1992. This year, for the third time, the academy provided UMD students with housing, food and transportation in Hungary. Chancellor Kathryn A. Martin and the School of Fine Arts funded the students' air fare.

Bergeron said, "Bringing students together from around the world teaches them how different cultures interpreted a theater piece in unique ways."

Last year only two schools from the United States attended the festival: the graduate program at the University of Tennessee Knoxville and UMD. The academy only invites the best of the best. For Bergeron it was "spectacular to have been picked out of the middle of the United States to come and perform in the festival." She said, "We all felt privileged to be invited."

Each school gave a performance. UMD's theater students performed Jean Claude Van Ittallie's *The Serpent*, a movement theater piece, loosely based on stories from the book of Genesis. Bergeron chose the piece because the stories are common to many countries, and it is easy to "read" across a variety of cultures. Violence as a universal theme was acted out in the story of Cain and Abel and in JFK's assassination. Bergeron chose simple effects to get the message across, again without words. A female student tossed a scarf around her neck, a male student walked beside her, and they both slowly waved. Shots rang out and the male student slumped. The 1963 event which was broadcast on television stations around the

world came to life on the Hungarian stage. Using simple movement, the UMD students were able to project information to the international audience.

Each school participated in workshops. UMD students Kourtney Kaas and Matt Anderson described a workshop that was given in English and then translated into Russian, German, Romanian, Hungarian, Finnish, Slovakian, and Yugoslavian.

Kaas said, "During the workshops we connected eye-to-eye and I felt like we connected soul-to-soul as well." She said their movements were built on trust. "Only trust could allow us to put our safety in a stranger's hands and complete incredibly difficult and beautiful moves."

Ann Bergeron has gained a better understanding of why she teaches. "I know that 95% of our communication does not come from language, but it is hard to test that in Duluth. When I saw these young students communicating using only movement, it was truly exciting."

- Jessica Schneider

No Jet Lag Brown Bag

The Alworth Institute Brown Bag Lunch series is, without doubt, one of the most successful continuous lecture series at UMD. It is also how most people in the community know of the Alworth Institute. Almost every Thursday when UMD is in session, a faculty member, staff member, student or guest gives an international presentation. Carol Michealson, who runs the program, says there have been "brown bags" on British Architecture, Japanese Universities, the International Women's



Movement, the Isle of Wight, Chinese Piano Music, Aids in Kenya, and much much more. Between five and 60 people show up for these lunch hour talks, dipping into their yogurts and unwrapping their sandwiches, while viewing slides and listening to presentations on other cultures.

The Alworth Institute, which was established thanks to the generosity of the Alworth family and the foresight of the University of Minnesota, is much more than "brown bags." In line with its mandate to bring the world to Duluth and Duluth to the world, it offers an occasional lecture series in which experts comment on current international topics of pressing concern, be it the problems of rural development in South America, the crisis in Central Africa, the future of the Balkans, or the role of the United Nations. The keystone of this series is the annual Royal D. Alworth Memorial lecture presented by a distinguished speaker. This year Judith Kipper from the Council on Foreign Relations' Middle East Forum will speak at UMD on May 5.

Aside from speakers programs and sponsoring the efforts of others, for example, the annual Baeumler-Kaplan Holocaust Lecture, the Alworth Institute is also developing as an institute in the more conventional sense of being a source of expertise on international affairs. Every Monday at 8.15 a.m., while school is in session, the director of the institute, Paul Sharp, can be heard surveying the international events of the previous week with Stephanie Hemphill on the radio station, KUMD. Local media outlets regard the Institute as a useful source of local "spin" when rockets are launched, economies collapse, or princesses die somewhere around

the world. Finally, the Institute is developing as a nationally and internationally recognized center for the study of diplomacy, enjoying links with similar programs in places like Athens, Leicester and Moscow, while contributing to the organization of conferences on international affairs in places as far apart as Washington DC, Vienna and Malta.

- Cheryl Reitan

Travel Abroad Compulsively Multi-cultural

For many young people, college means traveling to broaden their horizons, and explore new vistas. For nineteen years, UMD's Study Abroad Program in England has been providing students with an opportunity to spread their wings and still earn full academic credit. The program's long running success speaks well for the experience. International studies program associate, Deb Good, said that the Study Abroad programs at UMD teach "students to value and respect cultural differences in a world that is increasingly multi-cultural and multinational."

Beginning in 1980-81 with program director Jim Grant, originally from Scotland, the appreciation for multicultural education made UMD a launch-pad for international study. Now about 55 students study abroad in England each year. They study at Westhill College in Birmingham, England, living with a British family or in a student residence hall. Students attend school Monday through Thursday in courses taught by UMD and British faculty for UMD credit. Quarter breaks and long weekends allow time for travel.

The International Education Office

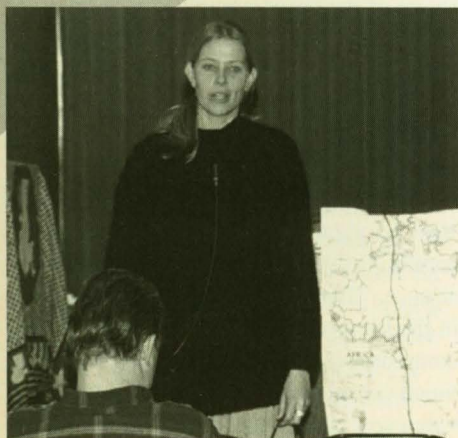
also offers a liberal arts oriented study in Sweden program for spring quarter. About seventeen students spend the quarter in Växjö University in Växjö, Sweden; a sister city of Duluth. Courses are taught in English by Swedish professors. Students have the opportunity to learn Swedish, enroll in elementary education programs, and take a variety of courses in Scandinavian cultures.

For almost a decade, students from UMD have been participating in exchange programs with Swedish and Finnish universities that concentrate on science, political science, business and engineering for UMD credit. Students live in apartments shared with six to ten other students and they are immersed directly into the Swedish or Finnish school system where they study in English. They can spend a year or a semester in Finland at Joensuu University or at one of the three schools in Sweden: Luleå University, Växjö University, or Umeå University. As of 1998, 89,000 students in the U.S.A. have received academic credit for studying abroad. Most students describe the experience as life-changing. Perhaps UMD student Ken Nystom said it best, "My trip to Sweden opened my eyes, my mind, and my heart to a world that I now perceive as much smaller."

The flip side of this phenomenon is the opportunity for UMD students to take classes here in Duluth with over 112 international students. Karen Robbins, the International Student Advisor says that currently a record number of students from 30 countries are represented at UMD.

Faculty members often take advantage of the situation. For instance, linguistics professor Mike Linn uses a novel assignment in some of his classes. He asks each of his students to fill out a brief questionnaire by interviewing one international student. The stories his students share highlight diverse cultural backgrounds and allow North American students to compare our country's rich language, colloquialisms, and dialects with those of other countries.

- Chris Fortin



Page 4: International programs at UMD take ever greater strides with (l-r) the former International Student Advisor Bruce Rutherford; International Studies Program Director Gordon Levine; International Student Advisor Karin Robbins; Linda Agola, a student from Kenya; Carolina Hernandez, a student from Colombia; Xu Chen a student from China; Kristine Ramirez, a student from the Philippines; Swagato Bhatta, a student from Bangladesh; Alworth Institute Program Associate Carol Michealson; and Study Abroad Advisor Deb Good. Page 5: Alumna Dorie Defoe gives a Alworth International Brown Bag presentation.

An Uncommon Vision: Duluth Technology Village/Soft Center

Chancellor Kathryn A. Martin, School of Business and Economics Dean Kjell Knudsen and Duluth Soft Center Director Alan Yelsey share an uncommon vision.

They see a revolutionary campus where computer software entrepreneurs, research teams, UMD faculty and students work and learn together.

Martin, Knudsen and Yelsey are busy making a place for the University of Minnesota Duluth in a new technology center situated in downtown Duluth. At its most expansive, it will be a campus complex incorporating businesses of all sizes, meeting spaces, gathering spaces, entertainment, advanced technology laboratories, classrooms, and even housing. In its most modest role, the Soft Center will develop programs to train area residents as technology workers.

There are only a few prototypes in the world for this unique creative and learning environment including Sophia Antipolis near Nice, France and the Soft Center in Ronneby, Sweden.

In order to learn more about this marriage of academia and private business, a delegation led by UMD representatives visited Ronneby, Sweden this summer. There they saw a ten-year-old Soft Center that links 60 companies with about 1,500 students, all working to create software for the world market. Ronneby has produced a network of contacts, knowledge sources, and business opportunities. Officials from Soft Center Ronneby are very enthusiastic about the Duluth Soft Center/ Technology Village.

In addition to this partnership commitment from Soft Center Ronneby, the Duluth delegation brought back a giant-sized dream: hundreds of high-paying jobs in Duluth.

The UMD School of Business and Economics and the College of Science and Engineering are jumping on board. CSE Dean Sabra Anderson said that her computer science graduates "land jobs paying \$40,000 - \$50,000, but they have never been able to stay in the area." She is looking forward to the jobs, internships,



research and development opportunities for students and faculty. She said, "There are a number of departments that will benefit from the relationship: computer science, electrical and computer engineering, and mathematics are at the top of the list."

Lake Superior College will join UMD as one of the first Technology Village tenants. Knudsen hopes that the University of Wisconsin Superior, Wisconsin Indianhead Technical College, the College of St. Scholastica, and Fond Du Lac Community College will join the group soon. "One of the greatest strengths that this area holds is its fine institutions of higher learning. When more of us become partners, more businesses will want to participate."

DMR Consulting Group Inc., a Montreal, Canada-based firm, was first to announce its plans to be one of the Soft Center's first business tenants. DMR didn't wait for the complex to be built. They moved to Duluth and hired 12 workers in the spring of 1998.

The Duluth Technology Village will be located in a perfect spot to take advantage

Soft Center Director Alan Yelsey and SBE Dean Kjell Knudsen are partners in the Duluth Technology Village project to link students and faculty with software companies.

of a high-speed, high-capacity network that is being installed by MP Telecom, a subsidiary of Minnesota Power. The first stages of the telecommunication infrastructure project connects Duluth with Grand Rapids, Hibbing, Virginia, Eveleth and Brainerd. The second phase, to be completed in 1999, connects those cities with Minneapolis and St. Paul. The network will support high tech companies with 2.5 gigabits of capacity, enough to handle 32,000 phone calls or internet users at once. "The capabilities will put Duluth in the front of the pack compared to other communities of its size," said Yelsey. This much capacity or band-width will make video conferences and long-distance office communication instantaneous. This back-

continued on page 7



FAR AND WIDE

UMD FACULTY MEMBERS MAKE INTERNATIONAL CONNECTIONS

We have listed just a few of the research, study, and exchange projects conducted by UMD faculty.

Curt L. Anderson,

professor, Department of Economics
* Served as a "Trainer of Trainers" in Russia and former Soviet republics in Central Asia, with the Economics International Program of the National Council on Economic Education.

Carol A. Bock, associate professor, Department of English

* Is collaborating with Christine Alexander, University of New South Wales, Sydney, on research regarding magazine reading by children in 19th-century England and Australia.
* Will present research on periodicals, young readers, and authorship in Victorian England at the 1999 Australasian Victorian Studies Conference at the University of New South Wales, Sydney.

John Bower, assistant professor, Department of Sociology/Anthropology

* Is collaborating with Michal Kobusiewicz of the Institute of Archaeology and Ethnology, Polish Academy of Science (Poznan Branch) on a research project aimed at comparing the responses of hunting-gathering societies to the last retreat of the glaciers (ca. 13,000 years ago) in the North European Plain and the north-central United States.
* Is combining efforts with Audax Mabulla of the University of Dar Es Salaam, Tanzania, on a project aimed at revealing the behavioral competence of the earliest anatomically modern humans, who are believed to have evolved in Sub-Saharan Africa.
* In collaboration with Enrique Alonso of the Center for Investigation of Technology and the Environment (CITMA), Cuban Academy of Science, Pinar del Rio branch, is conducting studies aimed at understanding how "new" cultural entities originate by examining the "birth" of a Cuban prehistoric culture in relative isolation.

Leif Brush, professor, Department of Art

* Became a new member of IRCAM's Forum Real-Time group in Paris in 1998. Using his Terrain Instrument sounds as the source, he has embarked on interactive works that will entail digital signal processing via the Internet, aided by jMax, MAX, M, msp, Cycling 74 software, MIDI, ProTools and Audiomedia III hardware.

Ron Caple, professor, Department of Chemistry

* Is continuing the 26-year collaboration with the Zelinsky Institute of Organic Chemistry and Moscow State University, Moscow, Russia.
* Is conducting joint research effort in organic synthesis and investigation of natural herbal medicines in northern Vietnam with the Institute of Chemistry in Hanoi.
* Is collaborating with the Universidad de Pinar del Rio in Cuba to examine the chemistry of the bark of various Eucalyptus species unique to Cuba.
* Received the Honorary Doctor Causa degree from the Russian Academy of Sciences.

continued on page 8

continued from page 6

bone, a pipeline that carries information, will be as good as any major metropolitan area.

Yelsey, a former Honeywell executive, is working to package some loan monies for the new Duluth enterprises. He wants to put together funds from sources like Northeast Ventures and state grant monies with other entrepreneurial funding sources to help businesses in the Technology Village to secure appropriate capital.

Knudsen says that the UMD Center for Economic Development will play a leading role in the Technology Village. Their work to assist businesses with market strategy, market plans and product feasibility will dovetail with Yelsey's funding packages to create stronger, healthier companies.

The project is not without controversy. Some Duluthians oppose the destruction of historic buildings to make way for the 190,000 square foot building. Others contest the Tax Increment Financing district designation because of the perceived loss of city revenue for basic services. Still others are concerned about cost overruns and poor communication from DEDA, the Duluth Economic Development Authority, which is controlling funding for the project. In spite of these concerns, the project is moving forward on a fast track; the expected completion date for the first phase is June 1999.

A recent study released by the Business Software Alliance cites software as the fastest growing economic sector. Because software development has risen to

become the third largest industry in the country, the stakes for the project are high but the City of Duluth and UMD believe the gamble is worth the risk.

As Knudsen and Yelsey speak about the project, they hope to garner a favorable response from UMD alumni. Yelsey said, "We want alumni to bring their businesses back to Duluth."

This vision goes farther than a small business incubation center. It goes farther than internships and faculty/entrepreneurial collaboration. Knudsen said, "We want the lines to blur between student and professor, between employer and employee. We are looking for the pure pursuit of knowledge and creativity. When that happens, we know we have succeeded."

- Cheryl Reitan

Bob Carlson, professor, Department of Chemistry

* Completed his service as U.S. Chair of the Lake Superior Binational Forum, the International Joint Commissions (ITC) Advisory Group for the demonstration "zero discharge" program for the Great Lakes.

Aydin Yucesan Durgunoglu, associate professor, Department of Psychology

* Edited a book with Ludo Verhoeven of Nijmegen University in the Netherlands on literacy development in multilingual contexts. It includes chapters by colleagues from Scotland, England, Sweden, Norway, Canada, Pakistan, Denmark, Spain.

* Continues to work on the adult literacy project she has co-developed in collaboration with the Mother Child Education Foundation of Istanbul, Turkey.

Richard Green, professor, Department of Math and Statistics

* Visited the Mitrani Center for Desert Ecology at Sede Boqer — a branch of Ben Gurion University in Israel and made presentations at the Center for Rationality at the Hebrew University in Jerusalem.

* Collaborated with David Noakes, head of the Institute of Ichthyology at the University of Guelph, in Guelph, Ontario, Canada, working with a fish — the only vertebrate that is known to be a selfing hermaphrodite.

Arun Goyal, assistant professor, Department of Biology

* Worked on biotechnology projects with India, Pakistan and Bangladesh.

* Developed and coordinates PBASIO, a group of 600 international plant biologists working in the area of modern plant biology/biotechnology.

Thomas C. Johnson, professor and director, Large Lakes Observatory

*Served as director of the International Decade for the East African Lakes (IDEAL), an international, interdisciplinary study of the great lakes of the East African Rift Valley. Led two expeditions to Lake Malawi to recover sediment cores for a study of past climate change in the southern tropics of East Africa.

M. Reza-ul "Raj" Karim, professor, Department of Biology

* Is collaborating on research with Shahana Kazmi, professor of microbiology, University of Karachi, Karachi, Pakistan, by tracking trends and analyzing new and emerging infectious diseases among people of differing socio-economic status in Pakistan.

* Is working with M.A. Rashid, professor, Department of Pharmacy, University of Dhaka, Dhaka, Bangladesh, on the isolation, identification and effectiveness of plant originated anti-infectious substances in Bangladesh.

* Is collaborating with Osama L.M. Omar, with Omeran Pharma, Rheinfelden, Germany, on the storage, stability and quality control of plant originated anti-herpes virus capsules.

* Is collaborating with H.D. Luu, Institute of Chemistry, Hanoi, Vietnam, on isolation and characterization of active compounds of Vietnamese plants against Herpes Simplex Virus in vitro.

* Serves on the board of the Pakistani Society of Microbiology and on the advisory board of the Environmental Pollution Eradication and Agricultural Development Organization in Bangladesh.

Clayton Keller, associate professor, Department of Education

* Served as Fulbright Lecturer/Research Scholar at the Norwegian University of Science and Technology. Conducted a research project on Norway's policies and practices on the inclusion of students with disabilities in general education classrooms. Developed a project on the use of videoconferencing over the Internet to connect UMD and Norwegian faculty and students through live audio and video during education classes.

* Is sponsoring the visit of Christine Forlin of the University of South Queensland in Australia, a special education professor, during part of her study tour of the U.S. and the



U.K.; Forlin will also teach in UMD's Educators' Institute in the summer.

* Sponsored the visit of Fusun Akkok, a professor in education at the Middle East Technical University in Ankara, Turkey, to teach in last summer's Educators' Institute.

Michael Linn, professor, Department of Composition

*Is working on an international project with Pekka Hyrvonen, the professor of English linguistics at the University of Joensuu, on the language of bilingual Finns in Northern Minnesota as they switch from predominately Finnish to predominately English.

Joe Maiolo,

professor, Department of English

* Wrote the novella, *A Boy's Tale*, which has been translated into Italian by Donatella Elisacci under the direction of Gaetano Prampolini, University of Florence. Prampolini is a professor of American literature and has translated works by Edith Wharton and Peter Taylor. The manuscript, *Il racconto di un ragazzo*, is being considered for publication by Passigli Publishers of Florence, Italy.

Ron Marchese, professor, Department of Sociology/Anthropology

* Collaborated research on survey in southern Turkey with the Austrian Institute.



* Conducted research on nomads in southern Turkey with a colleague from University of Iowa.

* Conducted research on Armenian church vestments and textiles from Istanbul in collaboration with a colleague from Western Michigan University and the directors of the individual churches of Istanbul.

* Has work which covers 30 years of archaeological survey and excavations in various areas of the Middle East. Has conducted evaluations of NSF and NEH grants in archaeology throughout the Middle East, ethnographic work in southern Turkey, national political commentary on various aspects of the Modern Middle East, and studies in late Byzantine and religious/secular textiles from the Armenian churches of Istanbul.

* Is conducting research on the conversion of Armenia to Christianity as they celebrate their 1700 anniversary in the year 2000!

Donald E. Maypole,

professor, Department of Social Work

* Taught substance abuse courses to physicians, nurses, social workers and other human services personnel in Riga, Latvia's "Attistiba" (School of Social

Development) which was founded in 1991.

* Worked with the faculty of "Attistiba" to develop the first-ever management training institute for staff in the recently developed non-governmental organizations in Latvia.

William Miller, director, Glensheen Historic Estate; assistant professor, Department of Sociology/Anthropology

* With Russell Rothe, is mapping ancient caravan routes and examining economic exploitation of the eastern desert of Egypt from Edfu to Aswan between the Nile and the Red Sea. They are translating rock inscriptions left by ancient workmen for publication.

Linda Miller-Cleary, professor, Department of English

* Continues to conduct research on the literacy of indigenous people including groups in Belize, Costa Rica, New Zealand, Australia, and the Aleutian Islands.

Gerald Niemi, professor, Department of Biology

* Is collaborating on research with several scientists in Finland covering the areas of conservation biology, avian ecology, and the environmental effects of logging.

Merry Jo Oursler, assistant professor, Department of Biology

* Collaborated with Niels Foged and Bent Winding at the Center for Clinical and Basic Research, Ballerup, Denmark, on identification of paracrine factors involved in the progression of metastatic breast cancer in bone.

* Collaborated with Alberta Zabolin-Zallone, University of Bari, Italy to study the effects of growth factors on human bone resorbing cells.

John Pastor, professor, Department of Biology and the Natural Resources Research Institute

* Applied diffusion theory to animal foraging strategies with Keith Farnsworth of the Macaulay Land Use Research Institute, Aberdeen, Scotland, U.K.

* Served as visiting professor in the Department of Animal Ecology, Swedish University of Agricultural Sciences, Umea, Sweden, working with Kjell Danell on effects of moose and reindeer on vegetation and ecosystem properties.

William Payne, assistant professor, Department of Theatre

* Will co-produce and direct the Jose Rivera play *Cloud Tectonics* in Mexico City in April, 1999. Payne and the American Theatre Company received an award for the production from the U.S.-Mexico Fund for Culture.

Jon L. Pierce, professor, Department of Management Studies

* Developed a theory of psychological ownership, its genesis, emergent processes, and consequences within the work and organizational context with Kurt T. Dirks, at Simon Fraser University in British Columbia, Canada.

* Conducted research on differentiating the role played by self-esteem and self-efficacy in relation to work in organizations with Robert E. Wood at the Australian Graduate School of Management, at the University of New South Wales, Sydney, Australia, and Donald G. Gardner at the University of Colorado.

* While visiting a scholar at the University of Waikato, Hamilton, New Zealand, collected

data in seven New Zealand organizations to examine the effects of work environment structure on psychological ownership and employee acts of organizational citizenship behavior.

Alexis Pogorelskin, associate

professor, Department of History

* Worked with two colleagues at Petrozavodsk University: Irina Takala and Alexander Pashkov. The areas of mutual interest include "Karelian Fever," the recruitment of North American Finns to the Soviet Union in the early 1930s, and problems in the political and cultural history of the Soviet Union.

Elizabeth Quintero and

Mary Kay Rummel,

associate professors, Department of Education

* Jointly produced *Global Culture and Community: Links to Classroom Practice*, documentary films of exemplary teachers at work in their classrooms and interviews with teachers in New Zealand, Ireland and the U.S.

George "Rip" Rapp, Jr.

Regents' Professor of Geoarchaeology, Archaeometry Lab, Department of Geology

* Is working with UMD's Zhichun Jing and the Chinese Institute of Archaeology at Anyang, China, the most important Bronze Age site in all of east Asia. The project involves extensive archaeological survey (including core drilling), excavation, geoarchaeology, and various specialized studies in palynology, paleoethnobotany, paleopathology, ceramic petrography, and some exciting DNA studies.

* Is working as geologic director with Jing, Harvard University and the Chinese Institute of Archaeology, on what may be "The Great City Song" from the Eastern Zhou period in Shangqiu, China.

* Is working on joint excavations with the

Cyprus American Archaeological Research Institute at the Chalcolithic/Early Bronze Age site of Sotira Kaminoudhia in southwestern Cyprus.

* Is conducting field work on coastal change around archaeological sites in Elis Greece, the silting in of the harbor at Ephesus and archaeology in Troy, Greece.

* Is conducting field work in Nikopolis, Greece, on a site named "Victory City," built by Octavian to celebrate his victory over Anthony and Cleopatra for control of the Roman Empire, in cooperation with Boston University.

* Is conducting research with the Max-Planck-Institute in Heidelberg and the University of Freiberg, Germany to determine the geologic sources of obsidian artifacts from Neolithic sites in Anatolia, the Aegean, and the Near East.

Paul Sharp, professor and head,

Department of Political Science, and director, Alworth Institute for International Studies

* Is conducting research for the book *Diplomatic Representation and International Theory* and the book *Difficult Hands: resident embassies in tight spots* which is part of the University of Leicester/Macmillan series. Is writing a chapter for the book *U.K. Prime Ministers and Foreign Policy*, edited by Thomas Otte, Bristol University U.K.

* Wrote the lead article "Who Needs Diplomacy?" in the *International Journal* published by the Canadian Institute for International Affairs.

* Serves as chair and founding member of the Diplomatic Studies Section of International Studies Association. He is the co-convenor of panels on diplomacy for ISA, British International Studies Association (BISA) at University of Sussex, U.K., Economics University, Vienna and Washington, DC.

* Made presentations at the Mediterranean Academy of Diplomacy, University of Malta. He was also an Honorary Visiting Research Fellow at the Institute of Byzantine, Ottoman and Modern Greek Studies, Birmingham University, U.K.

David Smith, professor,

Department of Sociology/Anthropology

* Was invited, in 1995, by the Northern Studies Association of Hokkaido University, Sapporo, Japan, to present a paper at conference of the leading scholars on animism and shamanism in northern Eurasia and northern North America.

* Had his work included in a volume entitled *Circumpolar Animism and Shamanism* published by Hakkaido University Press (1997).

Larry Thompson, professor,

Department of Chemistry

* Invited by Gilberto de Sa to visit the Federal University of Pernambuco in Recife, Brazil where he presented a short course on Rare Earth Spectroscopy.

David A. Wyrick, head and associate professor,

Department of Industrial Engineering

* Is working with Ph.D. candidate Lena Rantakyro to conduct research on organizational learning in small manufacturing companies as an extension of a course in Effective Management of Technology for Small and Medium Enterprises which Wyrick taught while he was at the Luleå University of Technology in northern Sweden. The UMD Industrial Engineering Department and the LUT Department of Materials and Manufacturing Engineering are in the second year of an exchange program for undergraduate engineering students.

Eileen Zeitz, professor,

Department of Foreign Languages and Literatures

* Is working on the thematic and technical use of the musical blues in two Uruguayan short stories. She interviewed one of the writers, Hugo Burel, in Uruguay about his book.

Alumni Profile

Elaine Hansen: Ambition and Strong Ideals

"Well yes, of course, I have a set of golf clubs. They've been sitting in my closet for years. Isn't that what they are for?"

UMD alumna Elaine Hansen is a woman who only has time for things that are valuable to her. At the May 1998 Commencement ceremony, Chancellor Kathryn A. Martin bestowed the Distinguished Alumni Award on Hansen for her ever-increasing list of accomplishments.

Hansen graduated from UMD in 1980 with a degree in accounting. At that point she had been in the work force for over 10 years. She came back to finish her last year and qualify to take the CPA exam.

She has come a long way since then. Hansen is reaching the end of her four-year term as commissioner in the Department of Administration for the State of Minnesota. She serves as the chief administrative officer for the state government in Minnesota. She anticipates getting word about whether or not her contract will be renewed in January 1999. "I would like to stay on. There are many things I have started that I would like to see worked through. It should be an interesting time with Jesse Ventura as Governor," Hansen said.

She explained that the Department of Administration provides the centralized service functions for other state departments, agencies, higher education and certain local governments — including operations management (procurement, central mail, printing, microfilming, travel and risk management), facilities management (building construction, plant management, real estate management, and state building codes and standards), information management (information policy, business and information services, computer operations, computer support services, and telecommunications), and other smaller divisions such as employee assistance, and various minority advocacy councils.

It is her responsibility to oversee the

work of 900 employees and an annual budget of \$260,000,000. She also has established expanded fiscal and operations services including an internal auditor function and has directed legislative policy on department-wide and statewide issues.

This is a department that gets a great deal of public scrutiny and is frequently involved in controversial issues. Hansen said, "Well, we get sued about once a month over a procurement issue. It is a department that is not entirely appreciated, for which there is not a direct constituency. It is essential that things run by the books and with great efficiency. In four years we have not lost a case. People know their jobs and what to do."

From 1992 to 1995, Hansen served as the Chief Financial Officer of the City of Duluth. The department, which has 47 employees, encompasses the purchasing division, City Treasurer, City Assessor and City Auditor offices. The financial oversight included the Duluth State Convention Center, Spirit Mountain Recreation Area Authority, Duluth Airport Authority, Duluth Transit Authority, and the Duluth Economic Development Authority. "I was also required to participate in the negotiation of funding for major projects such as the City of Duluth portion of the Northwest Airlines Project in both 1992 and 1994," she added.

Between 1988 and 1992 she was the Treasurer for Minnesota Technology, Inc. And between June 1980 and August 1988, she served as Director of Audits, Office of State Auditor for the State of Minnesota. In these positions she was responsible for budgets of over \$4 million, supervising large staffs and taking a leadership role to plan the training sessions for Minnesota counties that were required to meet

continued on page 20

"...we get sued about once a month over a procurement issue... It is essential that things run by the books and with great efficiency... In four years we have not lost a case."

Elaine Hansen and her family at UMD's 1998 Commencement: l-r. Husband Ken, daughter Sharon, Elaine, Chancellor Kathryn A. Martin, grandson Anthony and Hansen's mother, Elaine Brozinski.



Faculty Scholarships

HONORING THE FINEST

These UMD faculty and staff are remembered for their outstanding contributions

When alumni, faculty, staff, and friends of UMD fondly remember their college days or their association with the campus, it is usually a special person that readily comes to mind. The memories of some of UMD's outstanding faculty and staff are perpetuated by endowed scholarships, funds or awards. A few examples of treasured members of the UMD community whose memories have been perpetuated in this way include: Joseph E. Duncan, Ralph A. Romano, Olga Lakela, Herbert Sorenson, A. Dean Hendrickson, and Glenn C. Nelson.

The Joseph E. Duncan Scholarship

Who can forget English Professor Joseph E. Duncan? No one who knew him! Duncan, who began his career at UMD in 1954, excelled in teaching and research. He pursued both with enthusiasm, indeed passion. Those who remember him, realize that he did not care about material things such as clothing or furniture. He cared about people and ideas. Students and friends could always go to Duncan for good thoughtful advice. He always cared! Eager to share his contagious enthusiasm for teaching, literature, theater, music, and good causes, most notably Amnesty International, he was an outstanding teacher and a true friend.

Few knew his love for wilderness adventure. How many people with his physical limitations, especially his restrict-

ed vision, would venture precarious mountain trails or rugged Boundary Waters portages? Duncan wanted to experience everything whether it was a literary manuscript in a library, an opera in Minneapolis, a play at UMD, or a moose in the North Woods.

Most of all, one remembers Duncan's love of literature and his profound desire to share his insights with his students. His love of literature was also expressed in his research and resulted in outstanding publications including his magisterial *Milton's Earthly Paradise: A Historical Study of Eden* (1972).

Today Duncan is remembered by a scholarship established in his honor after his death in 1991. What a fitting tribute! Professor Martin Bock, Head of the Department of English, reports that "the Joseph Duncan Scholarship is awarded to the outstanding junior or senior English major who demonstrates a commitment to the study of literature." Recently, the award has been given to a non-traditional student who moved from a career in journalism to the study of literature and to a native American poet who, after completing his English major, will continue his career pursuing a graduate degree in creative writing.

Ralph A. Romano Memorial

The name Ralph A. Romano is forever associated with UMD athletics. A UMD graduate, Romano received the Phi Delta Epsilon Medal of Merit for outstanding contributions to collegiate journalism for his work on the *STATESMAN* and earned three varsity hockey letters as Bulldog goaltender.

After military service and a stint as a sports reporter, Romano returned to his alma mater and played a vital role promoting athletics in a number of key posts: sports information director (1959-1964), athletic business manager (1959-1964), assistant athletic director (1964-1968), head hockey coach (1959-1968), and director of athletics (1968-1983).

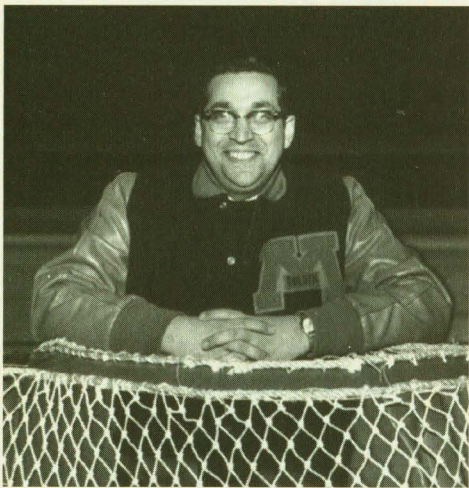
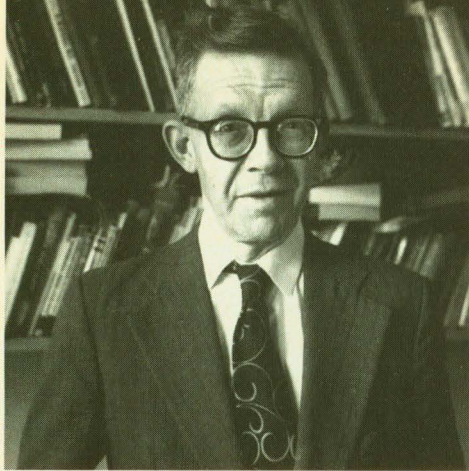
Romano helped change UMD hockey forever when he took his squad out of the Minnesota Intercollegiate Athletic Conference, scheduled games with stronger teams, and eventually gained membership in the Western Collegiate Hockey Association (WCHA), a major conference in college hockey. He was also a key figure in the negotiations between the WCHA and Hockey East that resulted in an interlocking schedule agreement that began in the 1984-1985 season.

As UMD's director of Athletics, Romano was instrumental in developing the women's athletic program. He also worked to obtain funds to renovate and expand athletic facilities. He continued as athletic director until his untimely death in 1983. Head Hockey Coach Mike Sertich expressed the thoughts of many fans thrilled by the success of UMD's hockey program: "The one regret that keeps popping up is that Ralph wasn't here to see it all happen." Chancellor Robert L. Heller, proud of UMD's championship-winning hockey team, reminded fans that the success of UMD's athletics would not have been possible without the dreams and hard work of the late athletic director, Ralph Romano.

The athletic programs that Romano was so instrumental in creating increased school spirit, attracted students and gave UMD national visibility. In 1988 Romano was posthumously honored at dedication ceremonies when the Physical Education Building was renamed Romano Gymnasium. Romano's outstanding contributions are also recognized by a memorial fund which is used for scholarships and programs. This is a most suitable recognition of the Romano legacy.

The Olga Lakela Fund

The Olga Lakela Fund is a perfect example of a faculty member endowing an important program that enriches the campus. Professor Lakela, a department head, and a distinguished botanist, taught and researched at Duluth State Teachers College and UMD from 1935 to 1958. Impressed with Lakela, Raymond Gibson, the last president of Duluth State Teachers College and the first provost of UMD, remembers that when he asked her what budget she needed for laboratory experiments she replied that she collected her flora from the woods, fields and streams of Minnesota. Lakela, who earned her Ph.D.



Top: English professor Joseph E. Duncan's study of literature culminated in the publication of a book on Milton's Paradise Lost. Bottom: Former Athletic Director Ralph Romano, remembered for bringing Bulldog Hockey into the WCHA, was an outstanding hockey player, writer and coach.

at the University of Minnesota, wrote extensively about Minnesota plants and developed an impressive herbarium. Professor Emeritus Theron O. Odlaug has vivid memories of her intense dedication to her research and the loving care with which she developed her collection of dried-plant specimens. After her retirement from UMD, Lakela continued her research at the University of South Florida in Tampa and helped to create a tropical Florida herbarium.

Lakela's bequest to UMD, the institution she served so well during her distinguished career in Duluth, has provided an enduring legacy to her work. Professor David J. Schimpf of the UMD biology department reports that her bequest has established the Olga Lakela Fund which maintains her collection, together with

substantial additions from other botanists, and supports botanical research at UMD. The fund enables the herbarium to purchase new technical literature, funds research travel, subsidizes publications, and supports the creation of a computerized database. The herbarium serves the needs of botanists, natural resource agencies, and the general public. The Olga Lakela Fund is a tangible remembrance of a talented faculty member who pursued her discipline with zeal and made important contributions to UMD.

A. Dean Hendrickson and Math Manipulation

One of the most remarkable aspects of A. Dean Hendrickson's career was his insistence on using materials to explain math to elementary students. At first there was resistance to the theory that touching and exploring shapes help illustrate primary math concepts. However, after elementary school teachers took Hendrickson's 24-credit math teaching series, he made the resisters into believers. The project was part of an early 1980s National Science Foundation Grant that gave teachers free UMD classes. They learned how to teach math by manipulating objects. He was the first teacher to introduce the theory to area educators, and once it caught on, the process was used successfully in dozens of schools throughout the northland.

Hendrickson's math manipulation work was based on earlier research. In the late 1970s he received a National Science Foundation grant to write a handbook on the way children learn using the theories of Jean Piaget. Hendrickson recognized that the math manipulation concept was based on Piaget's study of brain development. Teaching math by object manipulation followed the problem-solving, language comprehension, and visual thinking progression that Piaget outlined. In the handbook, Hendrickson detailed how one- and two-year-old children learn by holding and touching objects. As they grow, children begin to see the object in their mind's eye and as the brain develops the process becomes more and more sophisticated.

Hendrickson's third National Science Foundation grant was to write a K - 6 curriculum on math. Over several years he field-tested his exercises at schools throughout Northern Minnesota. He completed the project for the K-6 curriculum in 1990, and a number of schools around

the nation use this for their mathematics curriculum. He worked to find a publisher, but died before he he was able to publish it. His widow, June Kreutzkamp, has all of his research and still gets occasional calls for copies of Hendrickson's projects.

Hendrickson's career was long and varied. He started teaching with a K - 12 license and he took on all challenges: elementary school, high school, social studies, math and even coaching football. From Tower to Embarrass, Montana to Rochester, Hendrickson was loved by his students. After 17 years in public school, Chancellor Heller persuaded Hendrickson to sign on at UMD for what turned out to be a 28-year ground-breaking journey.

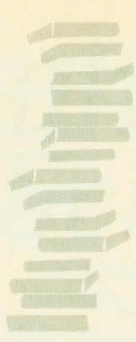
His colleagues remember him for the work he did to bring the faculty union to the Duluth campus. He was quick to fire off an opinionated letter on any topic. Terri Shannon, head of the Department of Education said, "He expected high quality work, and he had no patience for anyone who wouldn't give 100 percent. He was an excellent professor."

In a fitting tribute to this "born teacher," the A. Dean Hendrickson Memorial Math Teacher Award was established by Hendrickson's family and friends after his death in 1996. A scholarship was awarded to a student a few months after the scholarship was established and now, because of recent gifts to the fund, two scholarships are awarded each year.

The Herbert Sorenson Family Scholarship

The list of UMD scholarships has a recent addition that honors a Duluth State Teachers College president, Herbert Sorenson. In 1998, Sorenson's daughter,

UMD
 Scholarships
 Faculty



Barbara Sorenson Hulka and her husband Jerry, attended a reunion of Laboratory School students. While in Duluth, Hulka met with officials at UMD to create The Herbert Sorenson Family Scholarship.

The establishment of this scholarship provides an opportunity to look at the tenure of President Sorenson and some exciting developments in the history of UMD.

Herbert Sorenson, an associate professor of education at the University of Minnesota, was inaugurated as president of the Duluth State Teachers College in 1938. During the following 8 years, he insisted on high professional standards and worked to expand the scope of the campus to include a liberal arts curriculum. His ultimate goal was to transform the college into a branch of the University of Minnesota.

These high ideals and far-sighted opinions created controversy on campus. Some faculty opposed Sorenson's goals and felt threatened by the new standards that were being set. The State Teachers College Board, afraid of losing their Duluth campus, drew up charges against Sorenson. The faculty assembled into warring camps. The DSTC students demonstrated a tremendous show of support for Sorenson by shutting the school down with a strike. Even though the student body, many faculty members, and a contingent of prominent Duluth citizens rallied in Sorenson's defense, he still resigned.

Minnesotans soon saw Sorenson's vision take on a life of its own. A flood of G.I.s returning from World War II had put pressure on the University of Minnesota Minneapolis campus. Negotiations and political maneuvering pushed the U of M Board of Regents to accept the Duluth campus. The State Legislature passed an act signed by the governor that enabled the University of Minnesota Duluth Branch. On July 1, 1947, Sorenson's dream, the University of Minnesota Duluth Branch campus had become a reality.

After his presidency at the Duluth State Teachers College, Sorenson returned to the classroom and research. He was promoted to distinguished professor at the University of Kentucky and served there until 1966. He taught for four additional years at the University of South Florida until he retired in 1971. He wrote 11 textbooks and made ten educational films on psychology and education. One of his textbooks has been translated into several foreign languages and has been used on three continents. Herbert Sorenson passed away in 1995.

Barbara Sorenson Hulka can remember the day when her father mentioned a scholarship for UMD students. Sorenson, at the age of 94, was recalling his own college years. "Father was sitting on the couch, and he simply and quietly said that it would be very nice if we could establish a scholarship." Sorenson had come from Dawson, Minnesota, a small farming community. "His family had very little and his first years away at school were difficult. He cared so much about his students and he was especially concerned about the scholastically gifted who had some need."

The Herbert Sorenson Family Scholarship made its first two awards last summer.

Conversation in Clay: Glenn Nelson

Glenn Nelson taught ceramics in the UMD Department of Art from 1965 until his retirement in 1975. Even though his international reputation as a potter, an artist and an educator brought praise to UMD, Nelson always believed that his most important work was the guidance and inspiration he gave to his students. His love of teaching and his dedication to his craft drove him to write *Ceramics: A Potter's Handbook*, a pioneering ceramic teaching text which remains a classic reference in the field. As his friend and fellow potter Orazio Fumagalli said, "Nelson was not satisfied with the book once it was published. He kept going back to improve it and enlarge it." Between 1960 and 1983, five editions were published by Holt, Rinehart and Winston and the book was used on over 200 campuses across the country.

Nelson's own influences and inspiration grew out of the functional clay tradition of the 1940s and 50s. His style forged new ground by blending Bauhaus attribut-

es, Scandinavian elemental design considerations and a sensitivity to Asian ideas.

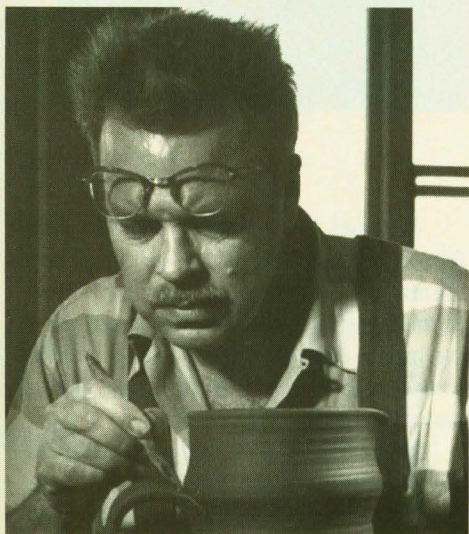
In 1992, the Tweed Museum of Art presented a major retrospective exhibition of Nelson's work. Nelson wouldn't consider the exhibition unless his students were included. The exhibition, *A Tribute Exhibition: Glenn C. Nelson*, included over 100 pieces created by Nelson, his students and pieces from his collection. After the exhibition closed, Nelson donated his own pieces and his collection to the Tweed Museum of Art.

The students who participated in the show include Duluthians Robert DeArmond, Steve Williams, John Steffl, Cheryl Husby and Bob Husby. In addition, Bob Eckles, Ashland, Wisconsin, Warren MacKenzie, Stillwater, Minnesota, and Walter Hyleck, Berea, Kentucky contributed work for the event.

If all that inspiration and direction weren't enough, Professor Glenn Nelson began awarding art student scholarships at UMD in 1983, and he formally established the Edith M. Nelson Art Scholarship in memory of his wife in 1989. Nelson continues to make contributions to this scholarship fund from his home in sunny Nokomis, Florida, and UMD hopes to someday have him back on campus again.

— Cheryl Reitan and Neil Storch





Page 14, top: Botanist Olga Lakela expressed her appreciation for Minnesota plants by developing the UMD herbarium.

Bottom: "Born teacher" A. Dean Hendrickson pioneered a method of teaching math during his 28 years at UMD.

Page 15, top: Herbert Sorenson served as president of the Duluth State Teachers College from 1938-1946. Bottom: Glenn Nelson in his studio when he taught at UMD. Nelson still keeps in touch with UMD from his home in Nokomis, Florida.

IT'S EASY TO ENDOW A SCHOLARSHIP!

UMD alumni and friends can establish a named, endowed scholarship at UMD by making a gift of \$10,000 or more. A scholarship can be in a person's name or in honor of someone. An endowed scholarship can be funded over one, five or 10 years, and may be designated to academic scholarships, a specific collegiate unit, or to students in need of financial assistance. In some cases, donors prefer remembering UMD by including a scholarship gift in their will.

For more information, call Maryann Soleim in the UMD Development Office at 218-726-8993.

Faculty and Staff Named Scholarships and Funds

Ann Carlson Anderson Scholarship
 Sabra and Dennis Anderson Scholar/Teacher Award
 Billy Barnard Jazz Scholarship
 Belote Family Scholarship
 Marcia Bevard-Kulick Scholarship
 Iver Bogen & Jane Maddy Scholarship
 E. W. Bohannon Scholarship Fund
 Cheng-Khee Chee Art Scholarship
 Ray Darland Art Scholarship
 R. W. Darland All-American Scholarship
 Will Dodge Scholarship
 Joe Duncan Amnesty International Memorial
 Joseph E. Duncan Scholarship
 Henry Ehlers Prize in Philosophy
 Sandra & Bernard Featherman Fund
 Dot and Moy Gum Scholarship
 Robert L. Heller Geology Scholarship
 Robert L. Heller Professorship in Geology
 Robert L. Heller Geology Field Camp Fund
 A. Dean Hendrickson Memorial Math Teacher Award
 Lawrence and Mary Ellen Ianni - Chancellor's Merit Scholarship
 Baeumler-Kaplan Holocaust Memorial Lecture Series
 Matti E. Kaups Geography Scholarship
 Olga Lakela Herbarium Fund
 Anna Lee (Stensland) Lidberg Scholarship Trust
 Maude Lindquist Scholarship
 Charlotte MacLeod Memorial Fund

James H. Maguire Chemistry Award
 James S. Malosky Football Scholarship
 William Maupins Memorial Scholarship
 Francis B. "Red" Moore Award
 Ruth Myers Professorship in American Indian Education
 Theresa Ann Neil CEE Scholarship
 Glenn C. Nelson Ceramic Collection
 Edith M. Nelson Art Scholarship (gift made by Glenn C. Nelson)
 John Ness Scholarship
 Don Olson Memorial Scholarship
 Dorothy and Moses Passer Scholarship
 Rip Rapp Geology Field Camp Scholarship
 Frederick J. Robinson Scholarship
 Ralph A. Romano Memorial
 Bruce Rutherford International Student Award
 Richard Sielaff Fund
 Herbert Sorenson Family Scholarships
 Albert Tezla Scholar/Teacher Award
 Olive Anna Tezla Scholarship (gift made by Albert Tezla)
 William G. Boyce Friends of Tweed Scholarship
 Gerhard E. Von Glahn Scholarship
 Ward Wells Scholarship
 Julius F. Wolff Scholarship

This is only a partial list. There are additional scholarships and funds awarded through departments and collegiate units. If you are interested in learning more or contributing to any of these special areas contact Maryann Soleim at 218-726-8993.



Athletics

DIVISION I WOMEN'S HOCKEY ON THE HORIZON

Miller skates from Nagano to Duluth

Shannon Miller gripped the phone. She fired off questions and jotted down notes on a yellow legal notepad. "Is she a strong skater? How would you rank her among high school women hockey players? How many years has she been playing hockey?"

Miller was talking to a girls' high school hockey coach and was focused. With eight scholarships for her inaugural season, Miller needs to recruit and train 20 women to start a NCAA Division I women's hockey team for 1999-2000. Miller has a huge task ahead of her. She has to turn what now is a club team into a quality Division I contender in a matter of months. This means she needs to recruit the best women in the country to skate for UMD.

It is going to be a tough sell. But there are some tremendous advantages as well. UMD is a great school academically and women hockey players will get the chance to play under Shannon Miller.

Some women will come to UMD just for the opportunity to be coached by

Miller. Some of them may eventually want to play for professional women's hockey teams and others may have Olympic action in their dreams. In any case, Miller will make them the best they can be. While there are other female coaches at Division I schools, none of them have coached Olympic teams.

Miller, 34, has spent the greater part of the 1990s as a coach with the Canadian Hockey Association. Last February she directed Canada to a silver medal in Women's Ice Hockey at the Winter Olympic Games. Prior to her stint with Canada at last year's Olympics in Nagano, Japan, Miller was the head coach of Canada's national team which captured a fourth consecutive gold medal for the 1997 Women's World Ice Hockey Championships. She also coached Canada to gold-medal finishes at both the 1995 and 1996 Pacific Rim Championship as well as the Three Nations Cup Tournament in 1996.

Landing in Minnesota was no accident for Miller. The region has quickly developed a reputation for turning out top female women hockey players. In 1994, Minnesota became the first state to sanction girls' ice hockey as a high school varsity sport and 24 schools took part that first year. This season 93 high schools sponsor girls' ice hockey teams! There is also legislation in Minnesota that mandates equal ice time and resources for boys' and girls' hockey.

It comes as no surprise that Minnesota female high school players are, in Miller's estimation, the best in the country. Some of these high school athletes started playing before there were girls' teams and they were forced to play with the guys. Now they play harder because of it.

Miller knows what she needs. She has a list of attributes for her top players. She said, "They need to skate fast. They need to be strong." But they also need some special skills because of UMD's emerging status. "The challenge is to create teamwork and to do it quickly," she added.

One of the big draws for Miller's first team is the construction of a new women's hockey rink on campus. The state legislature has approved the funding for the planning phase and the 3,000-seat building is projected to be completed by the 2001-2002 season. The rink will include a high performance training center with a track, a fitness testing lab, world-class athletic weight room, a video suite and a hockey resource center.

Miller is deep in the hiring process for her two assistant coaches. But her first priority hasn't changed. Aside from the efforts put into UMD's future team, Miller is coaching the club team and winning, even against Division I schools.

She said that Athletic Director Bob Corran hired her to build a team. "My job is to make UMD a national force in women's hockey — and I believe I am the woman to do it."

— Cheryl Reitan

Campus Update

THEATRE FINDS A WINNER IN DEAR FINDER

UMD's Department of Theatre is on the road again. Their season-opening production, *Dear Finder*, was selected for presentation at the Region V American College Theatre Festival in Ames, Iowa in January 1999. *Dear Finder* was one of only six plays selected from the eight state Region V which includes Iowa, North Dakota, South Dakota, Minnesota, Nebraska, Colorado, Missouri, and Kansas.

The world premiere of the play, with an original script written by UMD Theatre

Professor Tom Isbell in collaboration with several UMD Theatre students, was held when the play was performed in October. It is a play based on oral histories, diaries, and letters. It chronicles Hitler's rise to power, the massacres at Babi Yar, life in the ghettos and concentration camps, and liberation.

In addition to the play's ACTF selection, six performance students have been chosen to compete in the Irene Ryan acting competition, and five design students will exhibit and compete in the ACTF Barbizon Design for Excellence competition.

If *Dear Finder* wins the Region V competition, it will travel to the Kennedy Center in Washington D.C. for national competition in the spring.

A CULTURAL CONTRIBUTION

UMD's American Indian Learning Resource Center was the recipient of a generous donation of resource materials

last spring. Rosemary Ackley Christensen and her sons, Barry and Dane, donated over 700 books and ten file cabinets with information pertaining to American Indians and Alaskan Natives in memory of their grandfather and great-grandfather James Ackley.

UMD American Indian Learning Resource Center Director, Rick Smith, views the gift as a demonstration of "Rosemary's traditional value of giving something back to honor our ancestors."

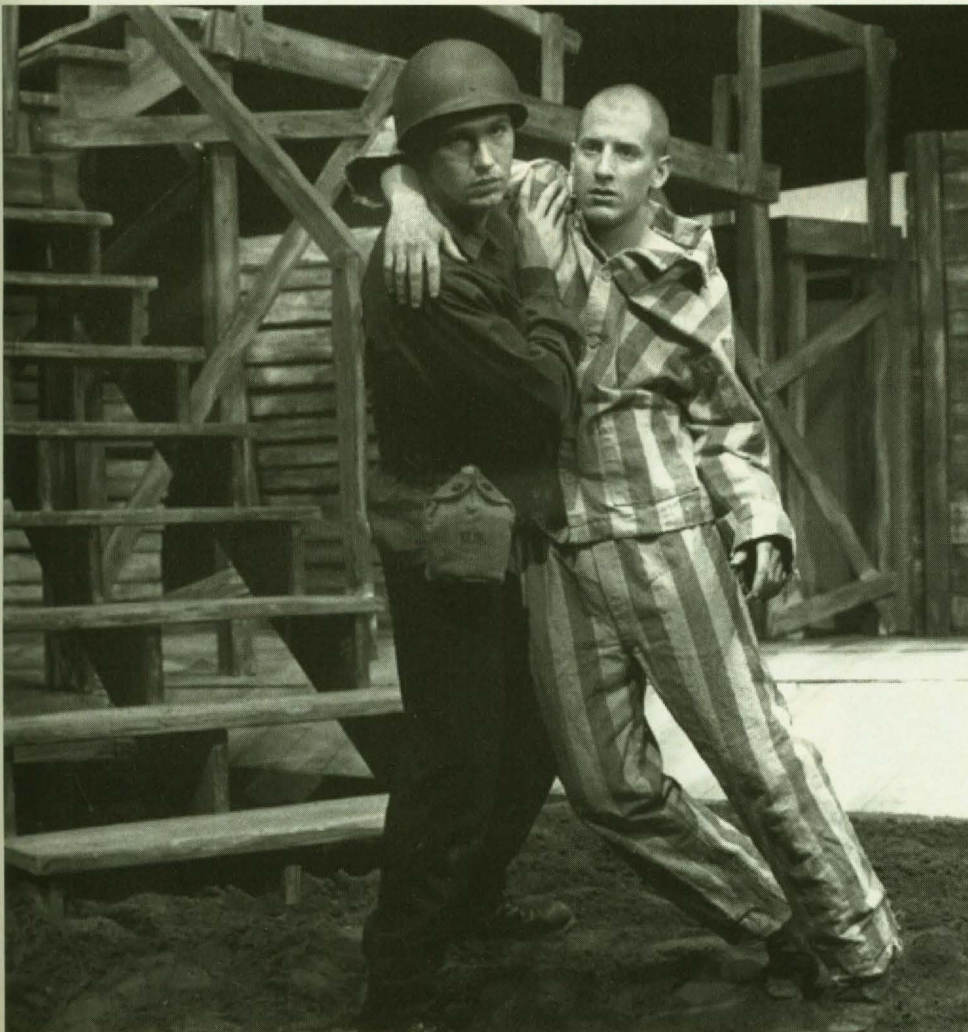
The family's cultural contribution also included video and audio tapes, masters and doctoral theses, and documents on culture, language, history, spirituality, law, treaties, sovereignty, gaming, legislation, and education, making the center one of the largest Indian-specific collections in the Midwest with over 5,000 available resources.

While Christensen, her sons, father and grandfather are enrolled members of the Mole Lake Band of Lake Superior Chippewas, in Mole Lake, Wisconsin, she also is enrolled as a student in the Leadership Academy at the University of Minnesota where she is finishing her doctoral dissertation. Christensen also holds a Masters of Education from Harvard University.

BREAKING WAVES - UMD TAKES THE LEAD IN FRESHWATER RESEARCH

UMD is proud of its Great Lake location and the academic areas dedicated to freshwater research. The combination of these, in this age of environmental conservation, has set the stage for new opportunities in scientific research. Chancellor Kathryn Martin and Representative James Oberstar announced the formation of the UMD Center for Freshwater Research and Policy, last summer, to identify and focus attention on threats to the world's supply of fresh water. The new institute is headed by Timothy Holst, associate dean at UMD's College of Science and Engineering. "There are all sorts of research projects going on in our programs but no one person knows something about all of them," Holst said. "I plan to be that person."

The center is designed to channel research information between entities at UMD including the Large Lakes



Observatory, Natural Resource Research Institute and Minnesota Sea Grant. The center will produce a major annual publication, periodic newsletters, and plans to provide freshwater research information projects on a Web site.

The project, which is being partially funded by a continuing legislative appropriation, will also allow UMD to hire staff that will take part in local, regional and national water policy issues. The project will complement the excellent faculty who are already pulling in research money — often times beating out researchers at Stanford and M.I.T.

This impressive endeavor adds to one of UMD's most important niches. "Our undergraduate research program provides opportunities for students who have extraordinary skills, and it provides our faculty a keen group to work with," said Martin who also stated that research opportunities at UMD compare with graduate level opportunities at major universities.

DULUTH SCHOLAR RECEIVES MINNESOTA AWARD

Michel Gerber, a UMD senior enrolled in the College of Science and Engineering, was honored last April as Minnesota Student Employee of the Year. Gerber's hard work for UMD Library Technical Services paid off in more ways than one when the Midwest Association of Student

Employment Administrators selected him for its 1998 title and a cash award from the State of Minnesota.

TUTOR TIME

UMD's innovative, award-winning tutoring program achieved a new milestone last February, as one of UMD's dedicated tutors assisted a student in the center's 100,000th tutoring session.

In its 11 years, the unique program has grown accustomed to receiving positive feedback for the outstanding performance of its services. *Minnesota Monthly* magazine named the center the winner of its "Minnesota's Ten Best Ideas" contest. National recognition came from the College Reading and Learning Association, which granted the program its certification. Both regional and national presentations have been given on the credit-based Peer Tutoring program, which offers free drop-in, anonymous service. The program's manual has also been sold to over 200 individuals and institutions.

Forty-two percent of graduating seniors have utilized the tutoring center for instruction in accounting, American sign language, chemistry, computer science, economics, mathematics, physics, Spanish, and writing.

Approximately 100 tutoring scholars work three to four hours each week, conducting 3,000-4,000 individual and small group tutoring sessions over a nine-week quarterly period, and participating in a two credit tutor training course and a practicum. This resume-building opportu-

nity also helps tutors build better teaching and communication skills.

A NEW HOME FOR THE MORGUE

Last September, UMD's Medical School and St. Louis County announced that a cooperative agreement has made UMD the new home of the St. Louis County morgue.

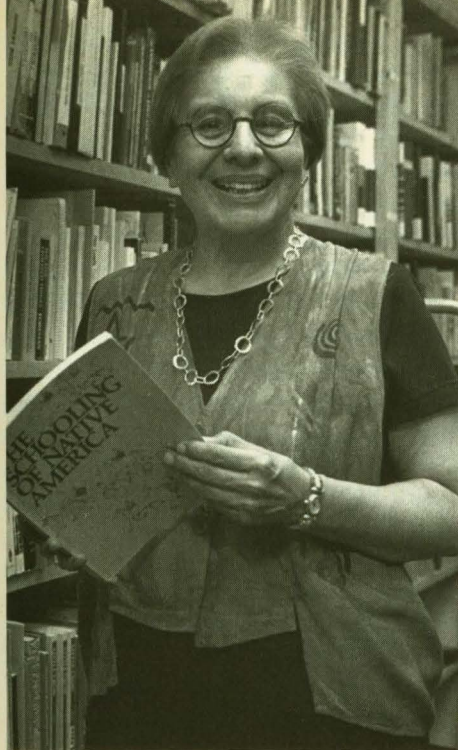
The county was left without a medical examiners facility in St. Lukes Hospital this year when Dr. Donald Kundel, a long-time Duluth physician and medical examiner, asked to step down from his administrative duties. This left the county no facility to perform approximately 175 autopsies each year. Sheriff Gary Waller approached UMD with the idea that the medical school and the criminology department would be able to offer a unique learning experience while the county would get a morgue and medical examiner services.

Medical School Dean Richard Ziegler said that the county and the UMD Medical School would each put in \$16,000 to renovate a classroom in the medical school. The medical school installed the equipment for the autopsy suite, which includes a video camera to allow students to observe procedures. Chancellor Kathryn A. Martin approved of the facility saying that anytime the university can establish a cooperative agreement with the local municipality, the University is eager to help. "In a sense we're breaking new ground and moving in a new direction, especially to the benefit of our students," Martin said.

Page 17: Timm Vedder and Nelson Adrewz are part of the cast of Dear Finder, a play based on Holocaust oral histories, diaries, and letters.

Page 18: The alumni and friends magazine, The Bridge, has a new Advisory Board. Shown here are members Robyn Roslak, associate professor, School of Fine Arts; Wendy Adams, alumni director; Jean Jacobsen, Center for Economic Development, Cheryl Reitan, publications director; Janny Walker, College of Science and Engineering; LeAne Rutherford, assistant professor, College of Education and Health Service Professions, Neil Storch, professor, College of Liberal Arts and Lucy Kragness, assistant to the chancellor.





COUNTDOWN TO CONVERSION

In the Fall of 1999, the pulse of UMD's academic life will most certainly change as UMD makes the transition to semesters. People all over the university have been working hard to ensure that the movement from quarters to semesters will be a smooth one.

Student credit load has been an issue for schools who have gone through a semester transition. A full 15-credit load may mean taking five courses, and students may think that's too many. Some schools that have moved to semesters have experienced at least a temporary decline in student credit load.

Vice Chancellor Vince Magnuson said that the switch will mean that a student will take more courses per semester than they were accustomed to taking during the quarter system, but semesters will provide

greater educational value. "They shouldn't be studying more, he said, but would be dividing it differently." Jackson Huntley, director of advisement and retention at UMD, stresses that good faculty advisement during this transition is essential. "The transition will be less complicated if students consult with their advisors and with them make careful, knowledgeable decisions," he said.

Although there will be an increase in the course-to-credit ratio, planners are optimistic about the semester curriculum. John Hamlin, associate dean, College of Liberal Arts, said "The curriculum next fall will be the most thoroughly scrutinized curriculum ever offered." In every department, every single course will be restructured and updated. Restructured courses provide educational improvements for both students and faculty.

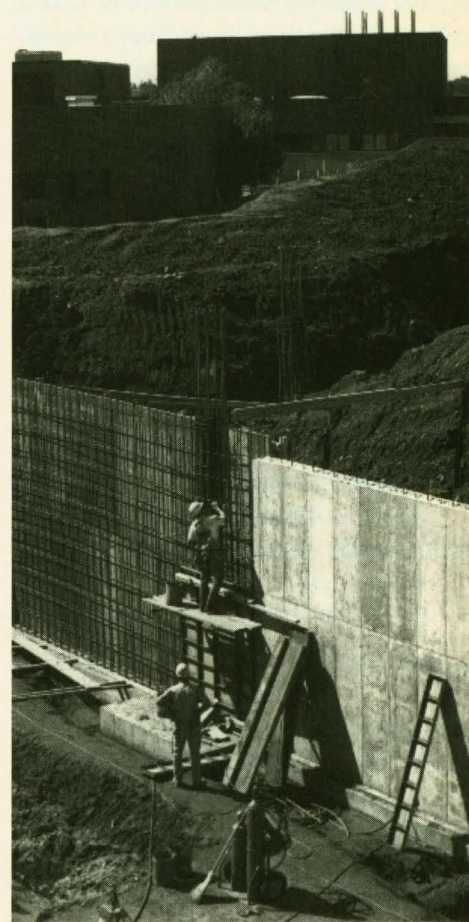
Concern for students is a priority for all who are planning the semester conversion. Huntley stated that there is a pledge that no student will be left at a disadvantage because of conversion from quarter courses into semesters. The amount of planning and preparing for the semester conversion has been substantial. Although it's too early to call semester conversion a success, a positive attitude and a smooth transition will surely change the looks of panic now on students' faces into expressions of relief.

Semesters will begin in fall 1999 on all University of Minnesota campuses. Classes will begin on September 7, the day after Labor Day. For lots of good information, go to the semester web site: www.semesters.umn.edu.

TOP NOTCH TUITION TACTICS

This academic year has seen the addition of two scholarships and two tuition-waiver policies aimed at high-achievement students, children of alumni, and international students. Announced last spring, the new programs offer major tuition benefits to students with good academic standing.

"These new initiatives will favorably position UMD for the year 2000 and beyond by recognizing academic accomplishment through financial opportunity," said Acting Director of Admissions Beth Esselstrom. The hard work of both resident and non-resident students of first or second rank in their high school class will result in their eligibility for for the "Best



Above: UMD's new \$25 million library is taking shape outside of the School of Business and Economics. The project is right on schedule and students should be able to turn on the first computer in fall of 2000.

Top Left: Rosemary Ackley Christenson shares her enthusiasm for cultural awareness.

Bottom Left: The Tutoring Center celebrates its accomplishment.

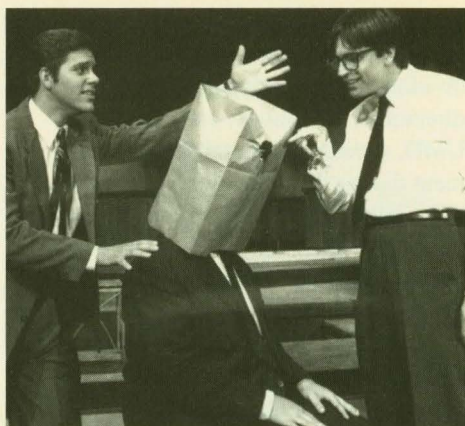
of Class Scholarship." This offering includes a tuition reduction equal to 50 percent of the current resident tuition for these new freshmen.

Non-resident first year students who are children or grandchildren of UMD alumni will also benefit from a new scholarship. These students will pay current resident tuition for their studies by receiving the "UMD Alumni Scholarship."

Resident tuition is now available to other non-resident, non-reciprocity undergraduate students as well. This tuition waiver will be considered for students in the top 25 percent of their high school class or under the recommendation of their college of admission. Aside from a strong portfolio, these students must possess a 3.0, or higher, grade point average after a minimum of one full year at another institution.

International students looking to make UMD their new home may also qualify for resident tuition. These students must also be in the top quarter of their high school class, with their colleges' recommendation on the basis of a strong portfolio, and a 3.0 grade point average as well as a minimum score of 550 on the English language test. The total number of International Tuition Waivers for 1998-99 will be limited to 200.

Aside from these credentials, all students must remain in good academic



Above The light-hearted MRT performance of The Nerd put a smile on quite a few faces.

standing with normal progress toward a degree to insure their eligibility.

VARIETY ON THE SUMMER STAGE

As Duluth thaws out and its winter hibernation comes to an end, The Department of Theatre will entertain audiences once again this summer with performances from the Minnesota Repertory Theatre (MRT), a resident, non-profit, professional theatre company. By bringing active professionals together with student artists-in-training, the MRT creates a vital theatre experience

that is both professional and educational.

The summer of 1998 brought the campus and community two great shows: the comedy *The Nerd* by Larry Shue and the smash hit musical *Little Shop of Horrors*, featuring the wonderful music of the award-winning team of Alan Menken and Howard Ashman.

The return of three alumni, Michelle VanEmmerick, Mel Sando, and Julie Ununlock, and the participation of Actors Equity Association member and Associate Professor of Theatre, Tom Isbell was especially rewarding for the acting company. As the Repertory continues to grow, UMD hopes to see an addition of a third production, a coupling with the Summer Performing Artists Series, the development of a high school apprentice program, and a guest artist program.

The response to bring back the Repertory has been positive. The University of Minnesota Duluth stood beside the Minnesota Repertory Theatre to launch the 1998 season with Chancellor Kathryn A. Martin as its strongest advocate. Many area businesses and individuals gave generously to the Repertory start-up effort this past year so be sure to highlight July and August on your summer 1999 calendars.

- Chris Fortin

continued from page 11

changing financial accounting and reporting standards in the early 1980s.

Hansen is married and has three grown children, as well as three grandchildren. Her eldest, Sharon, received the first student of the year award given by Lake Superior College. Hansen and her husband's roots are firmly set in Duluth. She keeps an apartment in the Twin Cities, but their home is in Duluth.

Clearly a woman of ambition and strong ideals, Hansen serves on a number of boards, including the UMD Center for Economic Development/Minnesota, Technology, Inc., and is an advisory board member of the Intergovernmental Technology Conference. Of particular interest is her role as a co-founder of the Duluth Professional Women's Network. As she explained, "We saw a need in Duluth

for professional women to have a network. It was established to allow women to get together, say what they do and where they fit in in the community. It grew from two people to 200 by the end of the first year. It meets the last Friday of every month. The agenda of the group now includes mentoring for college women."

When asked if she has anything specific she would like to say about her experiences with UMD, she smiled and sat back. "I've been to day school and night school at UMD. I've been part of the community as a whole and part of the college community. The changes I have seen in the last five years are incredible. For far too long the College, community and local government all existed in separate worlds. I credit Chancellor Kathryn Martin with reaching out to pull together the private sector, government, community and UMD and see the common goals."

"For example, the re-establishment of the lab school — Chester Park — has given all kids an opportunity. Also, the increased focus on technology recognizes that students will be out in the world as part of a business community. There are increasingly better and better reasons to be proud to be a graduate of UMD."

At the time this article is being written, word has not yet come of the status of Hansen's appointment as Commissioner for the Department of Administration. But whatever the outcome, she is a woman who will never be without a mission and a call to take on a job to which she will bring vision and energy. Those golf clubs may never see the green.

-Wendy Adams

alumni notes

The University of Minnesota Duluth *Bridge* publishes all Alumni Notes that we receive. You can send us your note by e-mail: alumni@d.umn.edu, by fax 218/726-6186 or by sending the form on page 28. If you are in the U.S., you can send the note in the enclosed postage paid envelope or by regular mail to: Alumni Director, University Relations, University of Minnesota Duluth, 315 DAdB, 10 University Drive, Duluth, MN 55812. This issue of the *Bridge* reflects all of the notes we received before December 1, 1998.

1924

Dorothy M. Oberg, Ironton, MN, died in December 1997. She was a grade school teacher in Deerwood, MN from 1924 to 1929. When she married Bob Oberg she became a full time housewife.

1929

Dorothy M. Poulin, 88, of Duluth, MN, died in February 1998. She was a graduate of Duluth State Teachers College and a teacher in Baudette, MN. She was a member of Our Lady of Mercy Parish, Daughters of Isabella, AARP and the League of Women Voters.

1930

Mamie Lempi Ruuska Swanson, 87, of Hibbing, MN, died in October 1998. She had graduated from the Duluth State Teacher's College in 1930 and taught school in Biwabik, MN. In 1931 she returned to Duluth to take art courses and work at Tweed House. After marrying Paul Swanson in 1941, she moved to Hibbing and worked as a substitute teacher at the Range Creative Art Center. In 1990, she graduated from UMD with a bachelor of fine arts degree at the age of 78.

1933

Sirkka S. Vuoti, 85, of Superior, WI, died in April 1998. She taught for over 40 years. Upon her retirement in 1977, she was a sixth-grade teacher for Kenwood School. Sirkka was a member of the Kenwood

Lutheran Church, Delta Kappa Gamma Society, Retired Teacher's Association and was also active in Kid's Closet.

1934

Vera A. Hallberg, 85, of Duluth, MN, died in October 1998. Vera retired in 1977 after teaching in the Duluth Public Schools for 41 years. She was a long-term member of First United Methodist Church. She also belonged to the UMD Alumni Association, Duluth Retired Teachers Association, Lakeside AARP and the Keenagers.

Magda M. Hansen, 86, of Duluth, MN, died in November 1998. Magda married Carl Hansen in 1939. An elementary school teacher, Magda taught at Isabella, Brookston, and Alborn Schools before retiring in 1974. She was an active member of Faith Lutheran Church in Culver, the Over 55 Club, and the Culver Women's Club.

1937

Dorothy I. Ericson, 80, of Duluth, MN, died in December 1997. She was a teacher and organist. Dorothy was also a member of Glen Avon Presbyterian Church and had served as organist for 21 years before retiring. She was a member of the Guild of Organists and Duluth Hammond Organ Club.

1939

Berneice M. Niemi, 84, of Ely, MN, died in October 1998. She retired as an elementary school teacher from the Babbitt schools and also taught in Hermantown and Moose Lake. She was a member of the First Presbyterian Church, the Order of the Eastern Star, and the Women's Life Insurance Society, all in Ely.

1940

Edward E. Merritt, of Anoka, MN, died in November 1997. He received degrees in chemistry and physics from UMD. He retired from Federal Cartridge Corporation where he worked in research and development.

1941

Dorothy T. Kozak, 80, of Duluth, MN, died in April 1998. She received a bachelor's degree in music at Duluth State Teacher's College and taught at Valley City State Teachers College in North Dakota. In

1961 she earned her master's degree in music from UMD. In 1963 Dorothy accepted a faculty position at the University of Nebraska-Lincoln School of Music, where she became a nationally and internationally known music educator.

1945

Dorothy Tart Putman, formerly of Duluth, MN, died in October 1998. She was widely recognized as a soprano soloist and teacher, she had been a member of the music faculty at Duluth State Teacher's College, Catham Hall and Stratford College in Virginia. She was a member of Matinee Musicale and Cecilian Society of Duluth and was active in the music life of every community where she lived.

1947

Dr. Arvo Kallio, 80, of Duluth, MN, died in December 1997. He was a WWII Army veteran, serving at the Aleutian Islands. Arvo earned his master's degree and doctorate from the University of Minnesota. He was employed by the USDA doing agricultural research at the University of Alaska from 1951 until 1968. In 1968, Arvo became the director of the Northeast Experiment Station in Duluth. In 1976 he did extension work and was a potato specialist in Minnesota, Wisconsin and North Dakota until his retirement in 1980.

1948

Raymond Beard, 73, Gig Harbor, WA, died in May 1997. After graduating with a bachelor's degree from UMD, he attended the University of Puget Sound where he received a master's degree in education. His educational career was devoted to the University Place School District, near Tacoma, WA, where he began his career as a teacher. In 1955 he became principal of the new Curtis Junior High School and in 1960, the first principal of Curtis High School until his retirement in 1977. After his retirement, he worked as an education consultant.

Ed Hakkarainen resides in Oakland, CA. He is retired from the Oakland Public Schools where he worked as a teacher and high school principal. He has also worked for the District Office of Research and was an adult education administrator.

1949

Dagny (Svard) Bohlin, 85, of Duluth, MN, died in October 1998. She received her master's degree in 1969 from UMD. Dagny was a member of the International Reading Association, the Minnesota Reading Association, the Arrowhead Reading Council, and many more organizations. In 1987 she was awarded the Minnesota Reading Association Presidents Award and in 1988, the ARC presented her with the "Celebrate Literacy Award." In 1992, she was named "Woman of the Year" and in 1993 she was inducted into the Duluth Hall of Fame.

Paul D. Neumann is retired and living in Lake City, TN. He enjoys spending time with his grandchildren and great grandchildren. He also attended the 8th Air Force reunion in England in May 1998.

1950

Donald C. Ames, 69, Elmhurst, IL, died in March 1998. After leaving Duluth, Donald earned a law degree from Northwestern University Law School in Chicago, IL. He then joined the legal department at CNA Insurance where he worked until he retired as vice president and associate general counsel. His other achievements include receiving the Elmhurst "Man of the Year" award and the Elmhurst Family YMCA Community Service Award.

Albert W. Gerval, 73, of Crosby, MN, died in November. After receiving his bachelor's degree and working for many years, Albert went back to UMD and received his master's degree in industrial safety and hygiene in 1978. Upon earning his master's, he worked for the federal government until his retirement in 1993. He was a member of the Crosby-Ironton American Legion Post 443, Masons, and Phi Kappa Phi, and many other organizations.

Robert F. Lehman, 77, of Cloquet, MN, died in October 1998. He was a WWII Marine veteran and served in the Pacific Theater at Guadalcanal and Iwo Jima. He worked for the Conwed Corp. and also at UMD Plant Services, retiring in 1987. He was a member of the Cloquet Presbyterian Church and Golden K Kiwanis Club.

Dear Alumni:

Greetings to you in 1999. I am proud to have been elected for the second time as president of the UMD Alumni Association, which has been in existence since 1958.

There is a marked difference in spirit and purpose from the Alumni Board of Directors of seven years ago and the Board I see today. In the past, the directors met and were informed about what was happening on campus. Our proactive involvement was limited.

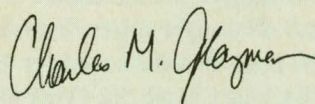
This year, for the first time, the entire Board met at an Alumni Board Strategic Planning Session. The session was well attended by the directors and I want to thank each of them for their participation, as well as the role they are taking in determining a new direction for the UMDAA. We identified our strengths and weaknesses and identified specific goals for the year. Included in those goals is to create a more visible presence on campus and to align our objectives more closely with those of the university administration and faculty.

Clarence Francis, the prominent industrialist and adviser to President Eisenhower in the 50s once said, "The word relationship is the key to the prospect of a decent world. It seems abundantly clear that every problem you will have in your family, in your work, in our nation, or in this world, is essentially a matter of relationships, of interdependence." The relationship between each alum and this institution is important because in many ways the college has helped define each of us as individuals, has helped determine who we are and who we wish to be.

We, in turn, now have the opportunity to support this institution in order to ensure its longevity and success. Your college life may have been at times enjoyable, at other times painful, but hopefully you have learned about yourself, your values and your needs. The Alumni Association Board will be coming to you and asking for you to help us repay this college for the role it has played in forming our lives. We will be looking for your support in providing service, expertise, leadership and resource development. Our goal is to see more and more interdependence between our graduates and their alma mater.

Thank you for your support and I look forward to meeting many of you this year!

Sincerely,



Charles M. Glazman '76
Alumni Association President



1951

William Scott Corcoran, 73, of Grand Portage, MN, died in November 1998. Bill was active in the community as Cook County commissioner and had a long association with the Arrowhead Regional Development Commission, Northspan Group Commission, Northspan Group, Northeast Jobs and Training, Grand Portage Park Board, Minnesota Seagrant,

and Sawtooth Mountain Clinic. He was instrumental in development and funding for Grand Portage Community Center and other organizations.

Eric C. Peterson, 73, Duluth, MN, died in March 1998. He was a history teacher and coached debate at high schools in Tacoma, WA, Rochester, MN, and the Duluth East High School. He was an expert photographer and in his free time he enjoyed traveling, antique automobiles and gardening.

1953

Donald G. Gronlund, 69, of Duluth, MN, died in November 1998. He was a pharmacist at Target for over 25 years, and had worked at other area pharmacies. He was a lifetime member of Salem Lutheran Church and had served on the church council. He was a member of local, state, and national pharmaceutical associations.

1955

Jacob E. Hautaluoma is a professor of social and organizational psychology at Colorado State University in Ft. Collins, CO.

1957

Eugene W. Simon retired in January 1998 from CommuniGroup Long Distance Service where he held positions in market research, personnel and retailing. He is currently residing in Grandview, MO.

1959

Carl W. E. Anderson, Harbor City, CA, taught health, physical education and was a driving instructor at the Los Angeles Unified School District. After retirement, he plans on spending time in Scotland, Bora Bora, and South California.

Victor H. Storberg resides in White Bear Lake, MN, with his wife Phyllis. Upon graduation from UMD Victor began his career in teaching. He worked as a teacher in Duluth from 1951 - 1959 and was an elementary school principal in Bemidji from 1959 - 1963. In White Bear Lake, he was an elementary school principal until he retired in 1983. Last year Victor was president of his local AARP chapter, and in his free time he serves on many senior citizens committees and is active in his community.

1960

Perry A. Rowilson retired from teaching social studies after 36 years in Duluth at Lincoln and Washington Junior High Schools, and Central High School. He also taught for a year in Rockford, IL. He now operates Perry's Trout Fly Shop and teaches fly tying classes in the Community Schools program. He enjoys fly tying, fly fishing out West, travel, reading, and bowling.

1961

Rodney W. Schnuckle, 62, Sarona, WI, died in April 1998. Until 1982, Rodney worked for IDS in Minneapolis in data processing and computer operations. He then joined MSI Insurance where he worked as director of data center operations until his retirement in 1994.

1963

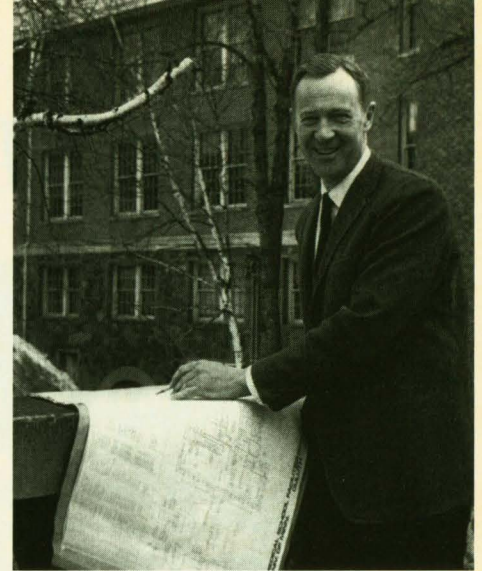
Linda Makinen Johnson resides in Huntington Harbour, CA with her husband Paul. She and her family have lived in California for 8 years, having previously lived in New Mexico, Colorado, and Minnesota. Linda is in her eighth year of teaching mathematics at Whittier High School (Richard Nixon's alma mater) in Whittier, CA.

Dale "Skip" Newberg, 59, Newport Beach, CA, died in April 1998. Dale was a real estate broker and developer in Duluth, Minneapolis and St. Paul before moving to Newport Beach, CA. At the time of his death he was vice-president of Prudential Real Estate Affiliates and was completing a doctorate program at Pepperdine University.

John and Iras (Lewis) Sramek, both 1963 graduates, are residing in Racine, WI. John is a Research Associate Chemist for SC Johnson Wax. John and Iras recently returned from four months in Shanghai, China, where John was the development manager for Shanghai Johnson. They found their stay to be a very rewarding experience both in the work environment and culturally.

1966

Donald J. Hempel, 60, died in January 1998. Donald was a professor of marketing at the University of Connecticut from 1964 until his retirement in 1997. He was an expert in the fields of strategic marketing, planning, and technology management. He was also head of the marketing department from 1974 to 1981. Since 1991, he served as the director of the marketing innovations program at the Advanced Technology Center in Precision Manufacturing. He authored three books and numerous articles, and led many research projects. He was widely recognized for his commitment to mentoring graduate students and his enjoyment of teaching undergraduate students.



Former UMD Medical School Dean, Robert Eldred Carter, 75, died in December in Corrales, New Mexico. Carter, who is remembered as a distinguished pediatrician, medical educator, artist, philosopher and hiker, was the founding dean of the UMD Medical School. A memorial scholarship fund, has been established at the medical school.

Matti E. Kaups, 66, of Duluth, MN, died in September 1998. Matti was a professor emeritus of the University of Minnesota Duluth. In addition to serving his country during the Korean War, Kaups was honored by the government of Finland for his research of Finnish immigrants who settled in the United States and also was awarded the Silver Medal from King Gustaf of Sweden for his historical studies and publications. He was a Knight, First Class, Order of the White Rose of Finland.

1967

Thomas Blair received a master's degree in education in 1975 and an educational specialist degree in education administration in 1978. He is principal at Sauk Rapids-Rice High School in Sauk Rapids, MN. Thomas is also among the 150 recipients of the 1997 Milken Family Foundation National Educator Award. He resides in Sauk Rapids, MN.

Vivian Mae Peterson, 91, Moose Lake, MN, died in February 1998. Vivian worked as a teacher and principal in elementary and secondary education in different areas of the country for 37 years.

Clark C. Peterson was recently inducted into the Cauliflower Alley Club's "Walk of Fame" for his significant contribution to boxing and wrestling. For six years Clark has been professional wrestling's ring announcer throughout Oklahoma and was one of 25 winners of the Turner Broadcasting's Wrestling Announcing Contest. He is the chief announcer and head writer for the New Mid-South Wrestling Alliance. The club's members include such legends as Lou Thesz, Verne Gagne, Red Bastien, and Fred Blassie. In addition to this award, Clark recently won fifth prize in an international Christmas lighting display contest and is a survivor of the Oklahoma City bombing.

1969

Mary (Larson) Duley, 51, of Rose Lake, MN, died in October 1997. Mary had been employed at Kitchi Gammi Club of Duluth and was an employee of Trees and Treats convenience and gift shop in Canyon until her death.

Mary (Paplior) Gormanos, 76, Spokane, WA, died in March 1998. In 1973 Mary earned her master's degree in speech pathology. She served the Scottsdale, AZ, school district speech department until her retirement in 1987.

1970

Robert S. "Bob" Holmes, 55, Duluth, MN, died in February 1998. Bob was employed by the St. Louis County Health Department for 27 years, retiring in May 1997 as assistant director of environmental services. He was also a U.S. Air Force veteran of the Vietnam War.

Douglas L. Working, 50, Maple Grove, MN, died in March 1998. He ran his own business in Minneapolis until the time of his death.

1973

Robert Kase, of Stevens Point, WI, was appointed chair of the Music Department at the University of Wisconsin-Stevens Point. Robert, a trumpet artist, has a wide background as a performer and educator. His performing career includes appearances as a soloist throughout the country. He has performed with international artists such as Tony Bennett, Sammy Davis, Jr., Dizzy Gillespie, Wayne Newton, and many others.

1974

Steven A. Hanson lives in Duluth with his wife Susan. He is employed by the City of Duluth where he works as a senior engineering technician. He and his wife enjoy wine, dining, vacations, fitness, their home, and are loyal UMD basketball fans.

Robert Youngman is a Division Training Coordinator at Potlatch. His wife, Nancy (Conner) Youngman, a 1975 graduate of UMD, is a secretary / teachers aide at ISD 706. Their son, Joel, is currently a student at UMD majoring in communications and minoring in journalism. The family lives in Virginia, MN.

1975

Karl Everett is working for Continental Placer Inc., a consulting firm specializing in mine planning, geologic, hydrologic and environmental services. Karl is a registered professional engineer and geologist and holds the position of principal environmental engineer in CPI's Chicago office working on environmental and mine planning projects. His areas of expertise include air and water permitting, storm water, oil spill plans, audits, environmental site assessments, and mining and reclamation plans.

Henry Lord is a speech language pathologist at Black Hills Workshop in Rapid City, SD. Henry and his wife, Diane, adopted Erin Marie Lord in January 1998 in China. The family lives in Rapid City, SD.

Albert A. Schmude, from Frankfurt, Germany, earned a master's degree in sociology at the Frankfurt University and became an international vocational training expert. He has been involved in vocational training projects in seven countries and has been director of training centers in East Germany, Rumania, and Bulgaria.

Recently, he was appointed executive director of the German Swiss Business Training Center in Jakarta. He is unmarried and his home base is Frankfurt.

1976

Helen M. Kieffer, 73, Virginia, MN, died in April 1998. Helen was an elementary school teacher for over 30 years and greatly enjoyed educating students. She taught in Chisholm, Gilbert, Toivola, MN and Joliet, IL. She was a member of the Holy Spirit Catholic Church in Virginia, Minnesota Education Association, Women of the Moose, and several other organizations.

1977

Bill Delbert Hall, 43, of Duluth, MN, died in October 1998. Bill was a dental hygienist until he became St. Louis County deputy sheriff. He was a member of the Experimental Aircraft Association, Deputy Sheriff's Association, Duluth Elks Lodge and the National Rifle Association. He was an avid outdoorsman, loved fishing, had a lifelong interest in aviation and was a self taught builder.

1978

Bruce H. Miles lives in Sartell, MN with his wife Katherine and daughters Casey and Erin. He is an associate professor in the Department of Educational Administration and Leadership at St. Cloud University. Bruce also owns the Big River Consulting Group, which helps organizations and leaders solve conflicts, planning, and leadership dilemmas.

Curtis L. Nelson resides in Eden Prairie, MN with his wife Wendi, and works for Data Recognition Corporation as a project assistant. In June of 1998 his nonfiction book on American naval history, *Hunters in the Shallows: A History of the PT Boat* was published. Curtis is also a graduate student in naval warfare studies at American Military University, in Manassas Park, VA (a distance learning institution).

1979

Robert C. Simenson was promoted to information technology project manager at Carlson Wagonlit Travel, Minneapolis. He received the 1997 Information Technology Imperial Honor Award. Robert was also awarded his black belt by USA Karate of Maple Grove. His other interests include coaching youth baseball, playing golf and basketball, and skating with his children. He lives in Maple Grove with his wife Laurie and their two children.

1981

John H. Evans is the chief financial officer for The Bethel Society which is celebrating its 125th year. He resides in Duluth, MN with his wife Sarah.

Jeff Peura lives in Bemidji with his wife Kathy and their three sons. He has been teaching sixth grade at South Koochiching Rainy River School for eleven years. Jeff has also been the mayor of Northome for two terms and Scoutmaster of Troop 148.

Bringing Homecoming back to campus!



*UMD Alumni
revisit an old
tradition with
a weekend
visit to the
hallowed halls.*

*Above: Michelle and Rick Hayko with their daughters Jessica and Shanda.
Right: Homecoming Queen Illiana Cantu and King Joe Gunderson don their regalia for their royal appearance.*

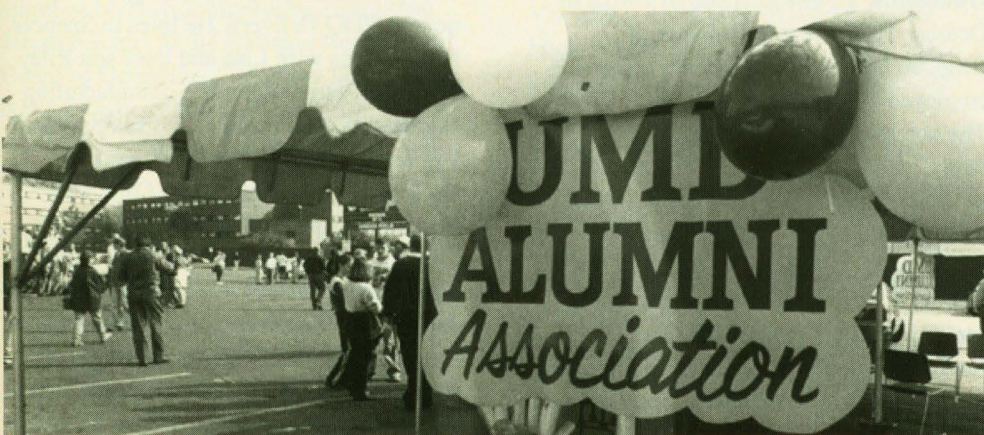
For the first time in many years, UMD had a real Homecoming celebration. The events were sponsored by a number of campus organizations, with contributions from local businesses.

Some of the highlights included a celebrity dunk tank, petting zoo, and face painting. The alumni booth gave away mugs to alumni and also had a raffle for prizes contributed by college departments.

Cars were decorated for the Homecoming parade and a king and queen were crowned.

Though Duluth lost the game to Winona State, it was still a day of celebration. Homecoming is back to stay at UMD.

— Wendy Adams



He is the head umpire and tournament director for Bemidji Youth Baseball, and former president of the Duluth Amateur Hockey Referee's Association.

1982

Kristine (Maxham) Anderson lives in Esko, MN, with her husband Kevin, and their two daughters. She is a regional supervisor of the Lutheran Social Services Senior Companion Program, and a counselor and foster care licenser for the LSS Bethany Crisis Nursery Program.

1983

Eric Bjella, of Wand Cove, AK, is currently the vice-president and marketing director for First Bank in Ketchikan, AK. He has worked in the banking industry and has been involved in branch management and business development throughout southeast Alaska. He enjoys boating, fishing, snowboarding, and restoring old sports cars.

Richard Coccie, of Haughton, LA, is a major in the United States Air Force. He is a flight instructor at the USAF Weapons School at the Nellis AFB in Nevada and has been selected for re-assignment to Pearl Harbor, Hawaii as the senior air defense analyst for the U.S. Pacific Command.

1984

Betty Ann Kelnhofer, 48, of Park Falls, MN, died in December 1998. She was a member of Friends of the Park Falls Library, Park Falls Quilters Guild, Northwoods Classic Car Club, Park Falls Visually Impaired Support Group, and the Evangelical Covenant Church.

1985

Tom Buck, of Duluth, MN, was married to **Andrea Novel** last June. Tom also graduated from the University of Colorado in Denver with a master's degree in elementary education. He is a computer science teacher at the Marshall School in Duluth. **Diane Ruhl** recently participated in Baltic Operations (BALTOPS) '98 while assigned to the guided missile cruiser USS Vella Gulf, homeported in Norfolk, VA. BALTOPS '98 was the largest multinational maritime operation in the Baltic Sea and was conducted to demonstrate U.S. interest in the security of Northern Europe. Diane joined the Navy in November 1986.

1986

Maud Arend lives in Chicago, IL. Maud is employed by M.C.I. Telecommunications as a member of a sales team in MCI's Global Accounts segment. In 1988 Maud graduated with a Master's of International Management degree. She enjoys sailing and rollerblading.

Steven M. Rue, Broomfield, CO, is a hospital administrator for Arrowhead Animal Hospital, P.C. He enjoys hunting, camping and sports.

Kent and Lila (Crider) Syverson had their third child, Nathaniel, in March 1998. Kent is starting his seventh year in the geology department at the University of Wisconsin, Eau Claire.

1987

Robert D. Godfrey works for Osmonics, in Minnetonka, MN, as a marketing coordinator for advertising. He is also a member of the Minnesota Advertising Federation.

1988

Cassandra (Knoblauch) Soukup lives in Wichita, KS with her husband, Steve. She is a doctor of pharmacy pediatric clinical specialist for Wesley Medical Center. In September of 1997 Cassandra gave birth to their daughter, Dana.

1989

Brenda M. (Sward) Beuschel is the Children's Ministry Director for the Faith Evangelical Free Church. In addition to her director's position she does independent consultations for home schoolers and is an advisor for several families who home school. She lives in Davis, IL with her husband Samuel and their four children.

Mike Hudyma was married to **Jennifer Guillaume**, a 1994 graduate of UMD, in October 1987. He is part-owner of Brigham Upholstery in Duluth, and she is employed by University College at UMD. The newlyweds live in Duluth.

Mary "Mitzie" Therese Johnson, 43, died in October 1998. Mitzie worked at Moose Lake State Hospital and St. Mary's Medical Center as an LPN and as a guard at Duluth Federal Prison. At the time of her death, she was assistant manager at Curtis Oil.

Kathleen Mae Maurer received her bachelor's and master's degrees in English from UMD and has earned a Ph.D. at Marquette University. The doctorate in English with a

specialization in British literature was awarded in December 1997.

Janelle (Johnson) Paskett married Wayne Picket in September 1998. She works for St. Louis County in Duluth. He works for D. J. Automotive in Superior, WI. The newlyweds live in Duluth.

1990

John Doffing married Jamie McGovern in July 1998. John and Jamie both work at Sam's Club in Hermantown, MN.

Anna Catherin (Arndt) Henne resides in Minneapolis, MN with her husband Aaron. She works for T-Check Systems, a wholly owned subsidiary of C.H. Robinson Co., as a customer service lead.

Dennis Nelson, is market manager at Arch Paging. He also coached the Woodland Area Jr. League Football team to the first city championship for that area in 25 years. He is married to Beth (Jukich) and the couple live in Duluth, MN.

Rhonda Lucia Parenteau, 32, died in April 1998. Rhonda married Marc Parenteau in 1988 and worked in the accounting office at Potlatch until March 1997. She was a member of Queen of Peace Catholic Church in Cloquet, MN. **Damon E. Schramm** recently accepted a position as an attorney with Duckson & Carlson, of Minneapolis, MN, where he will specialize in corporate mergers and acquisitions. He currently resides in Edina, MN.

Mark Wagensteen was married to Debbie Jordan on June 13, 1998. Debbie is an office manager for the Lake County Community Nursing Home and Mark is self-employed. The newlyweds live in Duluth, MN.

1991

Sandy Grasdalen is the manager of operations at PDQ Delivery. He lives in Spencer, NY, with his wife Lisa and their son Riley. **Michael Gruenhagen** is a manufacturing engineering technician at FSI International. His wife, Chris (Radosevich), works at Beckman-Coulter. Mike and Chris were married on June 6, 1992. They live in Cologne, MN with their son Jason, who was born July 7, 1997.

Jacqueline Malecha was married to James Hunter on October 11, 1998. She is a sales manager for Spirit Mountain in Duluth, MN and he is employed by Graph Mark in Superior, WI. The newlyweds live in Superior.

John C. Norquist, of Toledo, OH, is a pastor at the Redeemer Lutheran Church. He received the Master of Divinity degree from Luther Seminary, St. Paul, MN, in May of 1997. He was ordained as a pastor in the Evangelical Lutheran Church in America and accepted a call to serve as a pastor in Ohio. John was married to Alisa Monson on June 10, 1995.

Fred Sterle is a senior systems administrator at UtiliCorp United. Fred has passed the Certified Management Accountant exam. He is married to Kathy and they have two children, Amanda, age 8, and Brenton, age 6. He enjoys spending time with his family and also playing recreational softball and basketball.

1992

Robert D. Harboldt is the founder/executive director of Inter-Tribal Arts. Robert received a scholarship from Richard Diebenkorn's widow to attend the Santa Fe Art Institute. He also has been selected to attend the National Native Art Conference in San Francisco, CA.

Chris Jussila married **Karen Larsen**, a 1994 graduate of UMD, on October 3, 1998. He is employed by the Department of the Interior and she is employed by the Department of Justice. The newlyweds live in Highland, IL.

Jason Kerkow is a high school math teacher at Chisago Lakes Independent School District. Jason is married to **Kelli (Mattson) Kerkow**, a UMD graduate. They have two children, Garrett and Megan. Jason is also the ninth grade football coach and pursuing his master's degree.

Timothy M. Nelson is the owner of Fitger's Brewhouse Brewery and Grille. He resides in Duluth, MN.

James H. Sieg, of Eagan, MN, is a self-employed Network Marketing Consultant. James belongs to the Calhoun Beach Club Board of Governors, Volunteer for Junior Achievement, Starkey Hearing Foundation, and is an executive with Nutrition for Life International.

1993

Sarah Kemp and **Dave Speikers** were married on October 11, 1998. Sarah is a news anchor/reporter for WDIO/WIRT-TV in Duluth. Dave is a sales and leasing consultant for Duluth Dodge/Oldsobile in Duluth. The newlyweds live in Duluth, MN.



UMD's illustrious phonathon callers have already raised over \$45,000. Top: (l-r) Casey Hoskins, Nikki Dwyer, Heather Mead, Alma Mendez. Middle row: Tonya Calgaro, Kelly Waselovich, Kristin Biondi. Bottom row: Illiana Cantu, Alicia Gilbertson, Bridgette Prehn.

Lisa Kottke and **Chad Humphreys**, both of Duluth, were married on August 15, 1998. Lisa is an early childhood special education teacher at Hermantown Area Family Resource Center. Chad is a behavior management specialist at Nettleton Magnet Elementary School in Duluth.

Brian Stevenson and **Dawn Wakefield**, both of Duluth, MN, were married on September 19, 1998. Brian is a probation officer for Arrowhead Regional Corrections in Duluth and Dawn is a mental health technician for Arrowhead House in Duluth and also works in the registration department for St. Mary's/Duluth Clinic Health System.

1994

Heather R. Gallivan recently reported for duty at Naval Medical Center, Portsmouth, VA. She is a graduate of Anoka Senior High School in Anoka, MN, and is also a graduate of the University of Minnesota, Minneapolis, with an MD degree.

Paula C. Johnson, of Beaverton, OR, works for Denkor Management Group and Willameate Health Services, Inc. She continues to pursue both career and personal goals. She also enjoys the environment that Oregon provides.

Nathan Klatt and **Jennifer Schmiesing** (1993) were married on August 23, 1997. They are living in Albuquerque, NM. Jennifer has worked for Architectural

Research Consultants, Inc. as a planner since January 1994. Nathan has worked for Correa Enterprises, Inc. as a software engineer since August 1994.

Chad Mackey and **Pascha Parks** were married on August 8, 1998. Chad is a supervisor for Upper Lakes Foods Inc. in Cloquet. Pascha is an account executive for Westmoreland Advertising Agency in Duluth. The newlyweds live in Cloquet, MN.

Melissa Miller and **Brian Stank** were married on October 11, 1998. The bride attends the University of Minnesota Duluth Medical School. Following graduation, she plans to complete a residency in obstetrics and gynecology. The groom attends the Minneapolis School of Anesthesia. The newlyweds live in St. Louis Park, MN.

Rebecca (Olson) Moen is pursuing a master's degree in employee assistance counseling and is a human resource assistant with Dunganvin, Inc., in St. Paul, MN. She married **Scott Moen** on May 24, 1998. Scott is also a graduate of UMD (1995).

Jennifer (Menk) Summers is a fourth grade teacher at Riverview Elementary. Jennifer lives in Plymouth, MN with her husband Gregg. The couple were married in November 1997.

Julie Wolter lives in Ottawa, Ontario, Canada with her husband Chris Brady, moving there after teaching English in

share your news

Keep your former classmates informed about what you've been doing. Send in your news to Alumni Notes. Send the completed form and a photograph (if available) to:

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315 Darland Administration Building
10 University Drive, Duluth, MN 55812
(218) 726-7110 or Fax (218) 726-6186

Name: _____

Spouse's name: _____

Address: _____

City, State, Zip: _____

Phone: _____

Graduation Year: _____

Major(s): _____

Employer: _____

Title/Occupation: _____

Check here if this is a change of address

Alumni Notes news: (attach additional sheets if necessary)

Birth/Adoption Announcement: Include parents' names and class year, child's name and birth/adoption date. Please note if the child is a boy or a girl.

Marriage Announcement: Include names and class year of the bride and the groom, date of the wedding and current residence. (No engagements please)

Death Announcement: Name and class year, place and date of death.

Bridge Staff: Editor and Publications Director: Cheryl Riana Reitan; Alumni Director: Wendy Adams; Photographer: Ken Moran; Associate Development Director: Maryann Soleim; Development Officers: Linda Quanstrom and Steve Johnston; Public Relations Director: Susan Beasy Latto; Associate Administrator: Kit Hautamaki; Principal Secretary: Susan Knill; Office Specialist: Christine Ebert; Research: Linda Kinnear; Editorial Interns: Chris Fortin, Jessica Schneider; Editorial Assistant: Paul Undeland; Graphics Design Interns: Heath Cordts, Melissa Warp.

Kathryn A. Martin, UMD Chancellor. William Wade, Director of University Relations and Development

The UMD Bridge is published for alumni and friends of UMD by the Office of University Relations and Development. Questions, suggestions, comments, kudos and address changes should be addressed to: The UMD Bridge, 315 DADB, 10 University Drive, Duluth, MN 55812-2496.

To reach the Alumni Office email: alumni@d.umn.edu. Check out the alumni web page at <http://www.d.umn.edu/alumni>

Japan. She is completing her master's degree in Applied Language Studies at Carleton University.

1995

Lance Beall is an electrical engineer at Praxair. He married **Linda Dehmer**, also a graduate of UMD (1994), on March 28, 1998. The couple live in Appleton, WI.

Kristine L. Bergsten recently received her commission as a naval officer after completing officer candidate school at Naval Aviation Schools Command in Pensacola, FL. During the 13-week long training program, Kristine received extensive instruction on a variety of specialized subjects including navigation, ship handling, engineering, naval warfare and management. She joined the Navy in December 1995.

Denise (Bormann) Jans is an accounts payable specialist at Mayo Management Services, Inc. Denise married Douglas Jans in August. They currently reside in Rochester, MN. Denise also attends the University of St. Thomas and is working on her M.B.A.

Sheri Johnson and **Jason Kromrey** were married September 18, 1998. Sheri is a marketing assistant for Minnesota Clippings Service in Minneapolis. Jason is an accountant for OneLink Communication in Eden Prairie, MN.

Krista Michelle Lee received her master's of social work in 1998 and works as a psychiatric caseworker II for the State of Nevada, Department of Child and Family Services. She currently resides in Las Vegas, NV.

Jason Lukovsky and **Tami Wagner** were married on July 18, 1998. Jason works for St. Louis County and Tami is a teacher with ISD 709 in Duluth. The newlyweds live in Duluth, MN.

Heidi (Mattson) Pastian, of St. Louis Park, MN, is an administrative assistant at North Central Bible College. After two years as a consultant in the marketing field, she had a change in her focus and is now working at NCBC. Her husband, Alan, has recently taken the youth pastor position at Park Assembly of God. They were married in August 1997.

Robert Zimmerman and **Amy Schulz** were married on June 13, 1998. Robert is a marketing representative for Federated Insurance in Duluth. Amy is a health-care representative for Pfizer Pharmaceuticals in Duluth. The newlyweds live in Superior, WI.

Ann Jacobson and **Travis Herbeck**, both 1996 graduates of UMD, were married on July 3, 1998. Ann is a fifth-grade teacher at Colorado Elementary School in Nogales, AZ. Travis is a sixth grade science teacher at Desert Shadows Middle School in Nogales. The newlyweds, who are both pursuing master's degrees from Northern Arizona University, live in Rio Rico, AZ.

Lisa Johnson and **Christopher Belflower** were married on August 23, 1998. She works for Transglobal Vacations in Bloomington, MN and he works for the Inver Grove Heights Fire Department. The newlyweds live in Inver Grove Heights, MN.

Jason Jones and **Darcele Hill**, a 1997 graduate of UMD, were married on July 12, 1998. The groom is a student aviator with the U.S. Navy in Corpus Christi, TX. The newlyweds live in Corpus Christi.

Gary Ludwig has been hired to head the yet-to-be-named county-wide public transportation system in Sibley County. Gary currently lives in Austin, MN where his wife, LaRae, is a junior high English teacher.

Jason Malmstrom and **Heather Thomas** were united in marriage on August 23, 1998. The newlyweds are both employed by Befera Interactive Cablenet in Hibbing. They live in Mountain Iron, MN.

Briana L. Schaub, the wife of **Thomas Schaub**, is the marketing director at Spirit Mountain in Duluth, MN. The couple had a baby boy named Tian Alvin Alexander Schaub in August 1997. The family lives in Duluth.

Kristina Solon and **David Boe** were mar-

ried on June 7, 1998. Kristina is employed by Barnes & Noble bookstore and is also a self employed piano teacher. The groom attends the University of Wisconsin, Superior, where he is pursuing a bachelor's degree in journalism and political science. He is a freelance writer and a sergeant in the Army Reserves.

Nga T. Tang, of Spring Lake Park, MN, is an applications programmer at ISI Systems, Inc.

Troy Trachsel and **Jeanette Horner** were married on August 15, 1998. Troy is a computer consultant for Born Information in Wayzata, MN. The bride is a first grade teacher for ISD 196 in Eagan, MN. The newlyweds live in Burnsville, MN.

Brandt Wendland accepted a position as investment executive for Dain Rauscher Investment Services. Brandt will assist individual and corporate clients in selecting appropriate investments including stocks, taxable and tax-exempt bonds, options, and mutual funds.

Tricia (Tomlinson) Wilmot married **Chris Wilmot**, also a 1996 graduate of UMD, on August 30, 1997. Tricia is a chemist and Chris is industrial safety director, both are employed at the American Phoenix Rubber Co. The couple live in Osseo, WI.

1997

Jon Anderson, of Wayzata, MN, is a high school teacher at the Bloomington Jefferson High School.

Kristin Bacher and **Paul LaTour** were married on August 23, 1998. Kristin has her master's degree in English and works for Concentra Managed Care in Duluth. Paul is attending UMD where he is pursu-

ing a degree in English. He is also employed by the Duluth News Tribune. The newlyweds live in Duluth, MN.

Jolene (Schomberg) Endres married **Todd Endres** on October 11, 1997. She is employed by St. Charles Residential Treatment Facility as an individual and family counselor. The couple live in Milwaukee, WI.

Tonya Jean Gajewski is an assistant manager to the access program at Chrysalis, A Center for Women. She currently resides in Minneapolis, MN.

Westley Gentry and **Sandra Reznechek** were united in marriage on August 23, 1997. Westley is a manufacturing engineer at Hiniker Co. in Mankato, MN. Sandra is a human resources coordinator at St. James Automotive Corp. in St. James, MN. The newlyweds live in Lake Crystal, MN.

Mike Hanratty, of Colorado Springs, CO, is now simulating the performance of large client server networks at Lockheed Martin Mission Systems.

Calvin E. Heikkila works for Colonial Williamsburg Foundation as the manager of four stores. In his spare time he enjoys growing orchids and reading world history. He has entertained several famous people from various countries for the foundation. Calvin currently resides in Williamsburg, VA.

Heidi Jensen and **Bryan Hiveley**, a 1996 graduate of UMD, were married in South Carolina this year. Heidi is currently employed as the assistant vice chancellor for Women's Issues in Beaufort, SC. Bryan has recently been promoted to color consultant at Amazin' Glazen', a prominent ceramics studio in the area. The couple live in Columbia, SC, with their son.

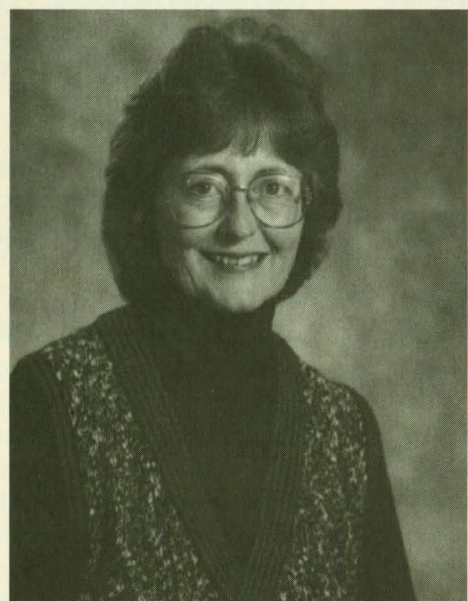
Jim Leste and **Jill Prudhomme** were married on August 22, 1998. Jim received his master's degree in Industrial Safety and is a loss control representative for Berkley Administrators in Golden Valley, MN. Jill is a radiologic technologist for Orthopaedic Consultants in Edina, MN. The newlyweds live in Maple Grove, MN.

Mark A. Lutterman is a self-employed realtor. He is also assistant scout master of Boyscout Troop 44 and is on the Duluth Area Association of Realtors, Board of Directors. In his spare time he enjoys motorcycling and sports. He lives with his wife, Mary, in Duluth, MN.



Some members of the UMD Alumni Board. Standing: (l-r) Beth Brown, Carolyn Olson, Carol Gallinger, Cheryl Aker, Thomas Poul, Bonnie Edwards. Seated: Julene Boe, Wendy Adams (alumni director), Janet Petersen, Jill Lofald, and Michelle Johnson

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Deborah J. (Boyll) Mylin is an assistant catalog manager at New Moon Publishing. She currently resides in Duluth, MN with her husband Scott.

Alan Nelson and **Melissa Perttula** were married on August 8, 1998. Alan is a doctoral candidate at Michigan Technological University in Houghton. Melissa is a certified medical assistant for Portage Medical Clinic in Houghton, MI.

Cheryl Payne and **Jason Lagergren** were married on December 20, 1997. The bride is a Youth Treatment Specialist I at Woodland Hills in Duluth. The groom works at Old Chicago in Duluth. The newlyweds live in Duluth, MN.

Eugene Persons Jr. and **Jodie Viergutz** were united in marriage on March 14, 1998. Eugene is a process engineer at Cargill in Dayton, OH. The newlyweds live in West Carrollton, OH.

Stacy Zellmann, of Alexandria, VA is an advertising/publicity assistant at the Smithsonian Institution Press. The Smithsonian Institution Press is a university press which publishes scholarly and

trade books in the areas of art, photography, history, science, and archaeology/anthropology.

1998

Nicholas F. Alexander is presently employed by the Kmart Corporation as a district loss control investigator. He currently resides in Duluth, MN.

Theodore C. Anderson is an English teacher. In his spare time he enjoys poetry, wilderness, and music. He currently resides in Duluth, MN.

David Hillman and **Melissa Haugen** were married on August 8, 1998. David is a substitute teacher in Duluth and a sales specialist at J.C. Penney in Duluth. Melissa is a merchandiser and assistant manager at Pier One Imports in Duluth.

Elizabeth L. Kane is a medical social worker at the Winneshiek County Memorial Hospital. She currently resides in Calmar, IA, with her husband Sean.

Li Chi Liu, of Elmhurst, IL, is a Ph.D. student in biostatistics at the UIC School of Public Health. He is married to Zhigang Liu.

Kevin D. Peterson is a self employed insurance adjuster. He is also on the Grandma's Marathon Board of Directors. In his spare time, he enjoys spending time with his daughter, running, and traveling. He currently resides in Superior, WI.

Susan J. Setniker-Vraa, of Nashauk, MN, is a training specialist at the NE Minnesota Office of Job Training. In her spare time she enjoys biking and reading. She lives with her husband Paul.

Bradley F. Shamla is an operations supervisor at IPL Energy. In his spare time he enjoys fishing, hunting, golfing, and reading. Brad and his wife, Lauri, live in Minot, ND.

Fujun Wang is a Ph.D. student at the University of Minnesota. Hi lives in St. Paul, with his wife Qiu.

Zhiyu Zhan is a software engineer at the Guidant Corporation. He resides in Mounds View, MN with his wife Hong.

Lu Zhang is a Ph.D. student at the University of Maryland. He currently resides in College Park, MD.

Events

Friday, June 4
Golf Outing
 Lakeview National Golf Course
 Two Harbors

Monday, June 14
Golf Outing
 Eshquaguma Country Club
 Gilbert

July/August
All-women's golf event
 (Date and location to be announced)

July/August
Minneapolis Golf Outing
 (Date and location to be announced)

Fri/Sat Aug 6-7
Second Annual Budweiser Bulldog Alumni Open
 Nemadji Golf Course
 Superior, WI

Monday, Sept 13
American Family Insurance Bulldog Club Golf Outing
 Ashland Elks Golf Course
 Ashland, WI

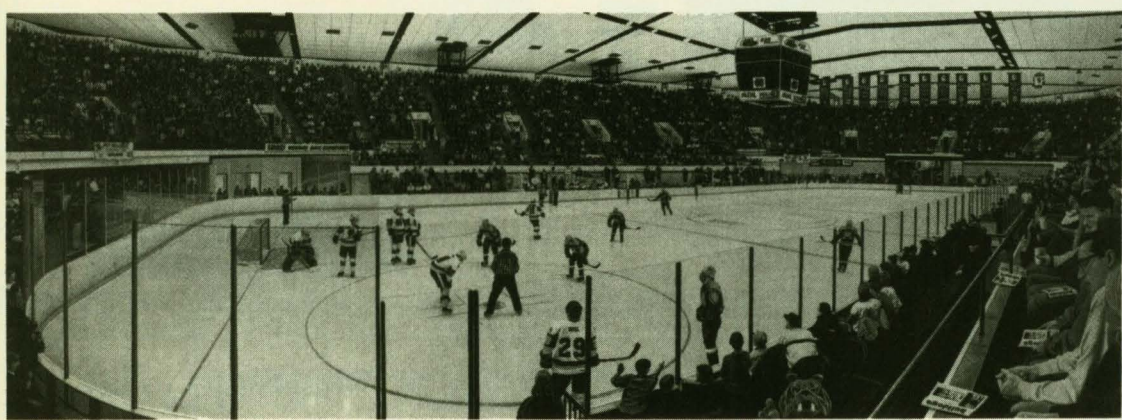


The Bulldog Club

The University of Minnesota Duluth Department of Intercollegiate Athletics and a group of previously autonomous booster clubs (the Duluth BlueLine Club, the BlueLine Auxiliary, the UMD Hoop Club, the Duluth Quarterback Club, and P.A.W.S.) along with the UMD Rasmussen Fund Committee, have combined to form the Bulldog Club; and all-encompassing organization dedicated to providing assistance, financial support, and community leadership to the UMD Intercollegiate Athletic Program.

Membership is open to anyone interested in supporting and advancing UMD athletics. Former head men's basketball coach, Dale Race, assumed his new role as Bulldog Club Coordinator this past July. Assisting Race is long-time fund-raising coordinator, Paula LeBlanc. Lynne Erickson, Athletic Department Secretary, provides clerical support for the Club.

For information about the Bulldog Club, please call Dale Race at 218-726-8189 Paula LeBlanc at 218-726-6341, or Lynne Erickson at 218-726-7518.



Bulldog Hockey Night



BULLDOG HOCKEY NIGHT

is an oil painting by nationally-known artist Terrence Fogarty. It commemorates the rich and storied tradition of UMD hockey, and is now available in a limited edition print for \$175. Saluting the 1983-84 NCAA finalist and WCHA champion Bulldogs and the school's three Hobey Baker Award winners, each print is signed by six former UMD stars (Brett Hull, Tom Kurvers, Chris Marinucci, Bill Watson, Norm Maciver, and Jim Johnson), as well as the artist. Proceeds will be used to support UMD athletic scholarships.



The entire image size is 13" x 36".

To order by phone:
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 Department at
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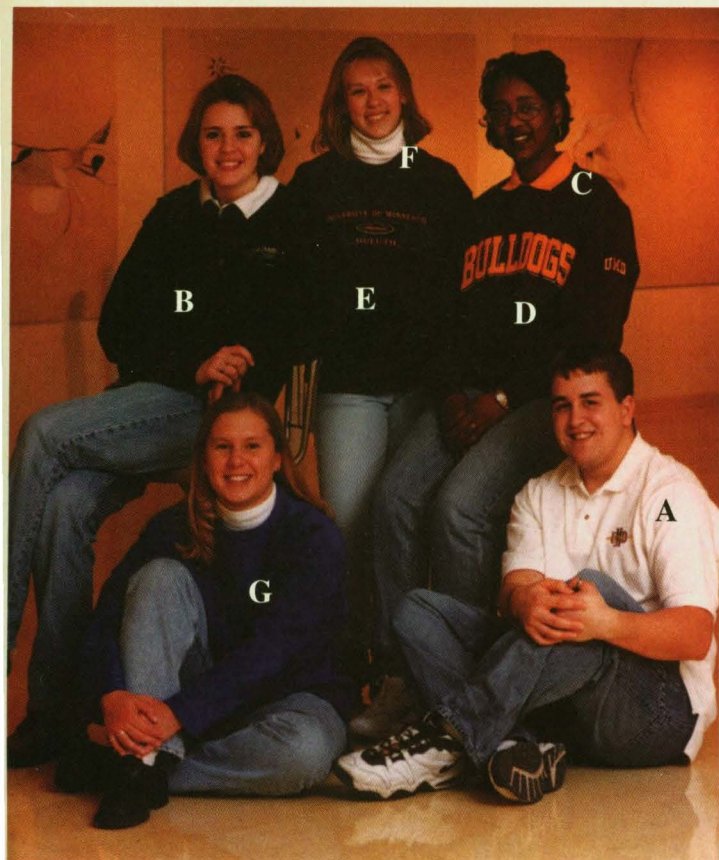
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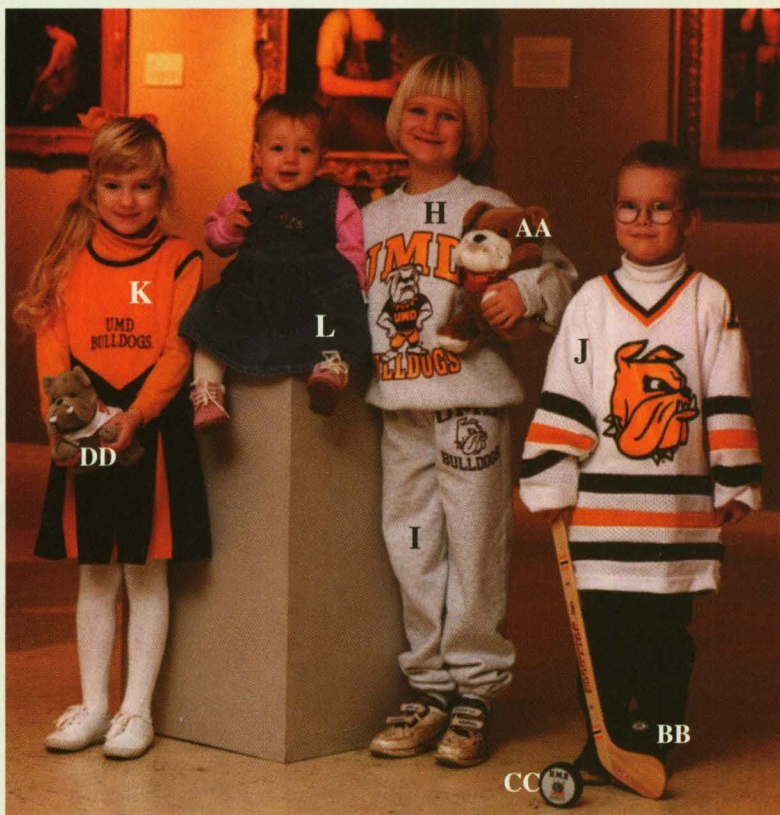
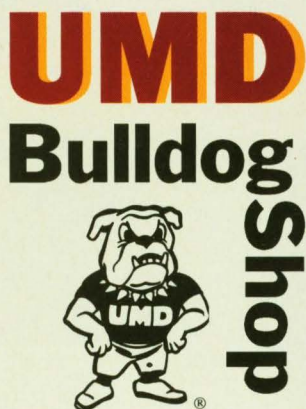
UMD BULLDOG SHOP



Clothing

- A.** Vantage 100% cotton polo with embroidered MD/Minnesota Duluth on the left chest. White. M-L-XL-XXL, \$34.99
- B.** Jansport 100% cotton long sleeve henley with embroidered Minnesota Duluth on the left chest. Evergreen or Navy. M-L-XL-XXL, \$36.99
- C.** Champion polo with embroidered UMD on the left chest. Gold. M-L-XL-XXL, \$32.99
- D.** Jansport sweatshirt of 50% cotton/50% polyester. Maroon. M-L-XL-XXL, \$43.99
- E.** Jansport Alumni sweatshirt. 80% cotton, 20% polyester. Maroon or Navy. S-M-L-XL-XXL, \$37.99
- F.** Champion 100% cotton turtleneck with embroidered UMD. White. M-L-XL-XXL, \$28.99
- G.** Gear pullover in 100% spun polyester fleece has self fabric neck with "V" inset. Scarlet, Royal, Sun Gold or Oxford. M-L-XL-XXL, \$39.99
- H.** Champion youth sweatshirt of 50% cotton/50% polyester. Silver grey. Youth sm.(6-8), Youth med.(10-12), Youth large(14-16), Youth x-large(18-20), \$17.99
- I.** Champion youth sweatpants with design on left hip. Silver grey. Youth small(6-8), Youth med.(10-12), Youth large(14-16), Youth x-large(18-20), \$16.99
- J.** Youth "Replica" hockey jersey in 100% nylon. White (home) or Maroon (away). Youth sm.(6-8), Youth med.(10-12), Youth large(14-16), Youth x-large(18-20). Replica jerseys also available in adult sizes Sm., Med., Lg., XL, and XXL. \$47.99

- K.** Little King maroon and gold cheerleader jumper with matching gold turtleneck. Infant sizes: 6 mos., 12 mos., 18 mos. Toddler sizes: 2,3,4 Youth sizes: 5,6,7,8 \$26.99
- L.** Gear 100% denim jumper. Infant sizes: 12 mos., 18 mos., 24 mos. Toddler sizes: 3T, 4T \$29.99



- Gift Items**
- AA** Large stuffed Bulldog \$14.99
 - BB** UMD Bulldog Hockey Stick \$6.50
 - CC** UMD Bulldog Hockey Puck \$2.50
 - DD** 9" Grey Bulldog with Scarf \$9.99

www.umdstores.com

UMD BULLDOGSHOP ORDER FORM

Item #	Description	Size	Color	Alternate Color	Qty.	Each Price	Total

To Order:
 By Mail: UMD Bulldog Shop
 10 University Drive
 Duluth, MN 55812
 By Phone: **1-800-232-1339**
 In Duluth: **(218) 726-8520**
 By Fax: **(218) 726-6331**
 On line: **www.umdstores.com**

Postage and Handling
 Up to \$15, add \$4.00
 Over \$15, add \$5.00

* Sales tax on non-clothing items:
 Minnesota residents add 6.5%. Duluth residents add 7.5%
 No tax for residents outside of Minnesota.
 Allow 3-4 weeks for delivery. Prices are subject to change.
 Need more lines? Attach additional sheets of paper.

SUBTOTAL
Sales Tax *
Postage and Handling
TOTAL

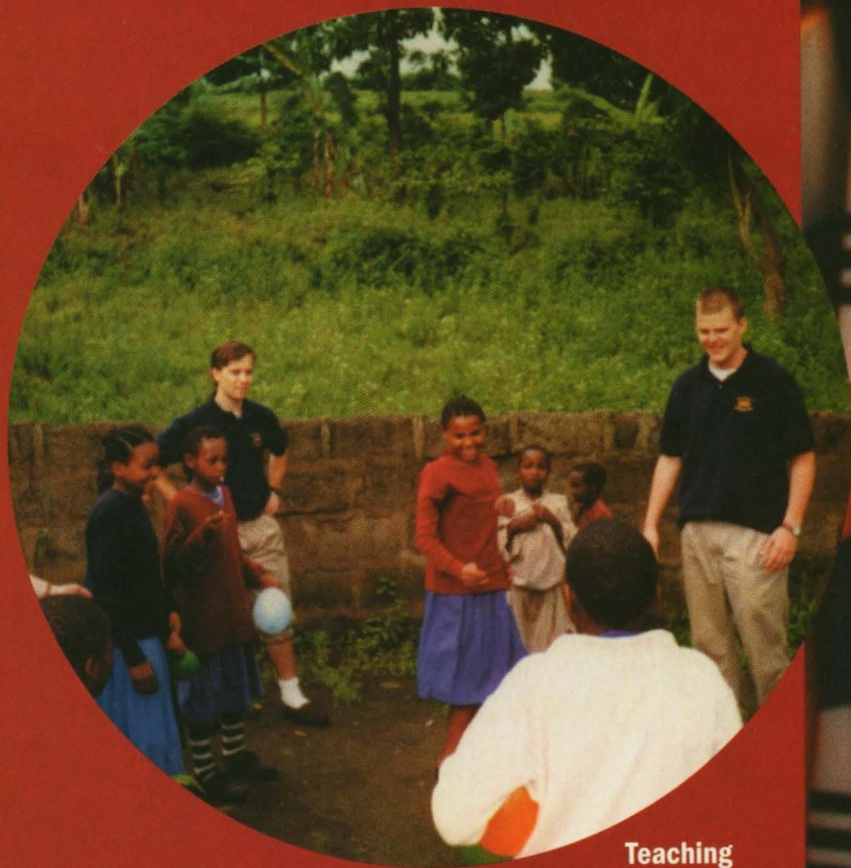
Ship To:
 Name: _____
 Address: _____
 City: _____
 State: _____ Zip: _____
 Daytime Phone () _____

Payment Method:

Check or Money Order enclosed
 (Checks payable to UMD Bulldog Shop)

MasterCard Discover
 American Express Visa

Card Number: _____
 Signature: _____
 Expiration Date: _____



**Teaching
Sidekicks: UMD
University Singers enjoy a hackey-sack
game on the choir trip to Africa.**
(see page 3)



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