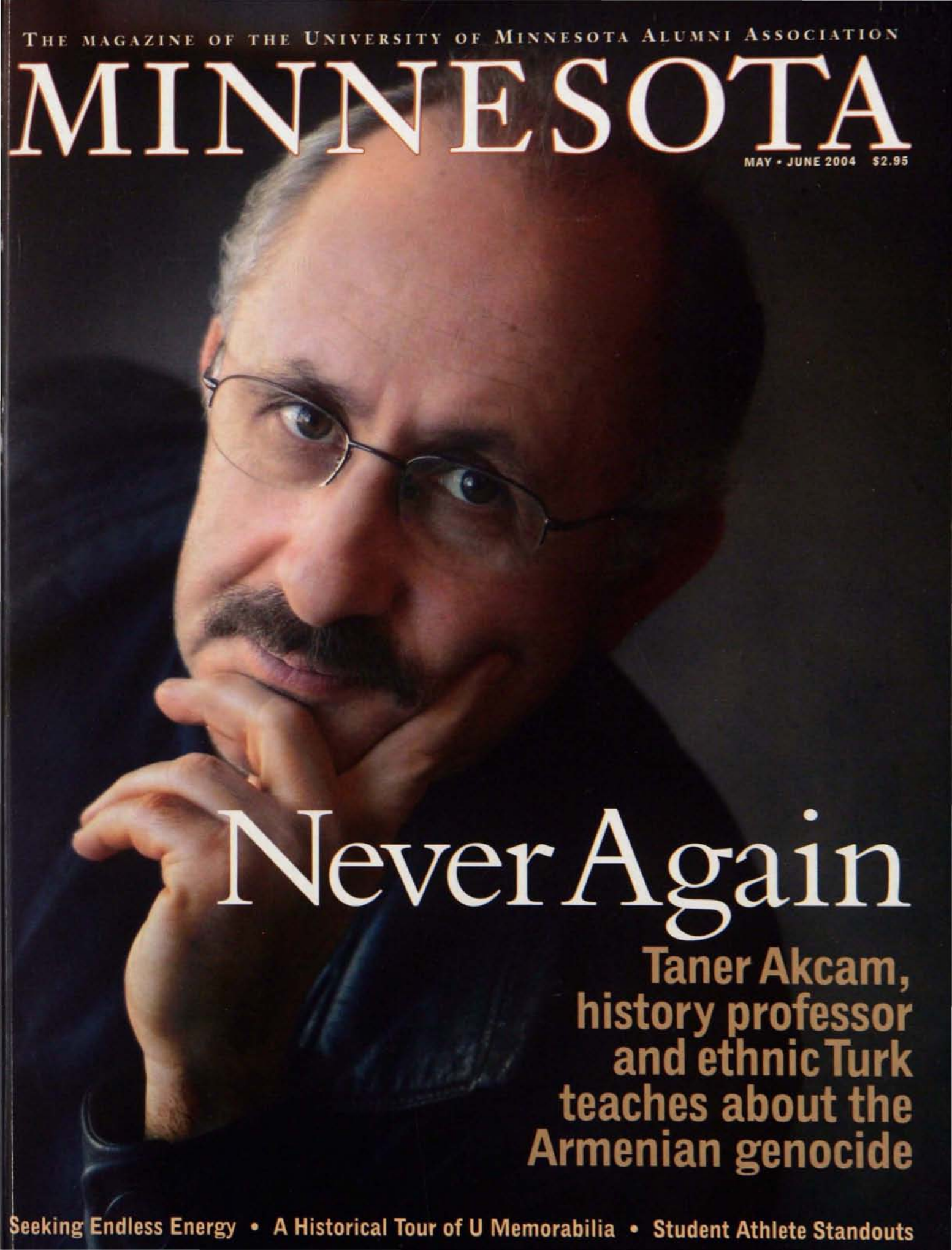


THE MAGAZINE OF THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

MINNESOTA

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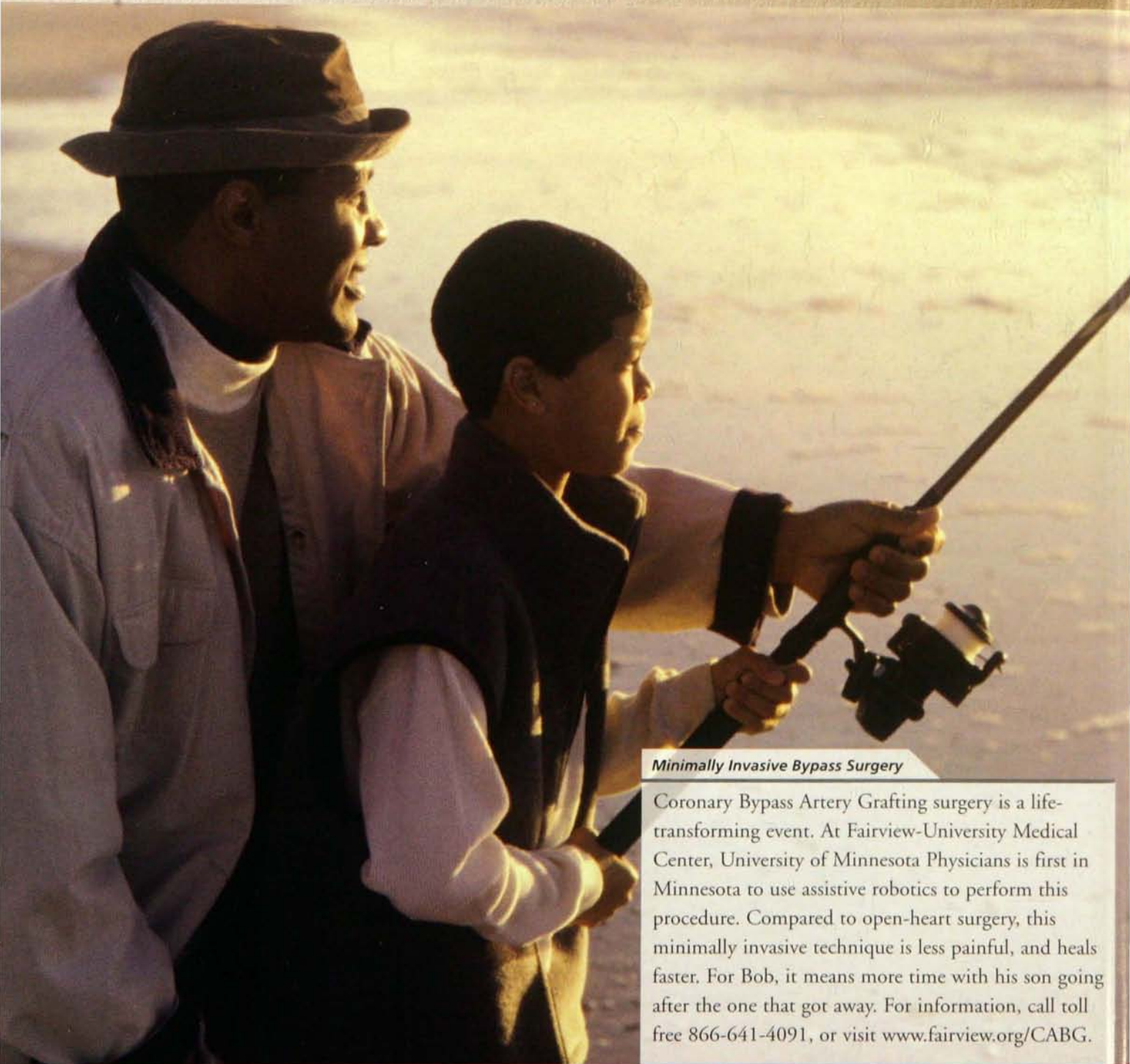


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and ethnic Turk
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Editor's Note

Remembering Rwanda

Eighth graders from St. Paul public schools filled the seats of Williams Arena one morning in April and screamed their approval at the announcement of the guest speaker as if he were a rock star. Paul Kagame, president of the Republic of Rwanda, looked stunned, not quite sure what to make of this reception.

The crowd quieted down as Kagame soberly described the resilient spirit of the Rwandan people 10 years after the genocide that left an estimated one million people brutally murdered in the span of 100 days. Kagame carefully sidestepped speaking about the actual massacre, instead discussing the lessons to be learned from Rwanda's painful past and the hope-filled future for his country.

It's hard to say whether these kids grasp what took place in Rwanda—not only the political conflicts that had been simmering for decades, but the massive and tragic loss of life. Certainly these teenagers have seen thousands of depictions of all manner of murder and violence in movies, on television, and through computer games. During a video



Shelly Fling

introduction to Kagame's taking the podium, however, more than a few shrieked as the camera briefly panned a mound of skulls and at footage of a Rwandan man who was missing a leg, presumably from a Hutu machete. Indeed, these scenes—and the stories behind them—are far more horrific than anything created in fiction.

The atrocities are unimaginable, and most of us would rather not think about them at all. But we must. The Rwandan genocide is only one of the latest such massacres in human history. We can't be allowed to forget it, or the Holocaust or the Armenian genocide—both of which went on for years without international intervention. Or the eradication of millions of native people in the Americas beginning 500 years ago or the other bloodbaths from East Asia to the former Yugoslavia.

The purpose is not merely to remember these tragedies; the lesson is to understand the factors that lead to them, with the hope of preventing future genocides. Our cover story, beginning on page 30, features the University's Center for Holocaust and Genocide Studies and its teaching and outreach efforts to do just that.

Sadly, the world knows as much unrest as ever, with extreme nationalism on the rise and xenophobia thriving. Even as scientists mapping the human genome discover that there are essentially no genetic differences between the races, race and ethnicity are often our most visible differences—or what people are conditioned to see. They divide groups of people within and between nations, and when on a massive scale one group believes another to be inferior, pernicious, and a threat, genocide is in the realm of possibility.

But genocide doesn't simply, suddenly erupt. It is fueled by decades of propaganda and the nurturing of radical ideologies—and by the denial and inaction of onlookers. "Where was the United Nations and the international community?" Kagame asked. His question was rhetorical. Regrettably, more attention appears to be given to the 10th anniversary of the Rwandan genocide than to the tragedy as it unfolded in 1994.

Kagame wasn't in Minnesota to scold, however. He was on a circuit of appearances to generate interest in investing in the new Rwanda—and, in the case of his Williams Arena stop, to appeal to the next generation to exercise compassion and tolerance and to go out and change the world.

I wondered as Kagame spoke (at times, I feared, over the eighth graders' heads) whether he had their full attention. But the seats full of antsy teens were amazingly hushed—until Kagame spoke of his wish to partner with the people of Minnesota to rebuild Rwanda. The students jumped to their feet, screaming again with rock-star ardor. Kagame looked out at the crowd, again a bit stunned by the enthusiasm, but clearly moved that these young people were listening. ■

Shelly Fling may be reached at fling003@umn.edu.

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Letters

The Important Arts

I have had trouble figuring out why the University of Minnesota arts departments faced such difficulty over the years in obtaining funds for building adequate space for the arts on campus—something that was sorely needed for decades. Lloyd Halvorson's letter ("More Science, Less Art") in the January–February issue of *Minnesota* advocating an existence whereby quality of life should be based on science rather than the arts provided me with some distressful answers. I see that my colleagues in arts advocacy and I still have work to do.

BRUCE GLEASON
(B.S. '80, M.A. '88)
St. Paul

A Wrestling Point

I would like to correct an error on the date of the first-ever Minnesota high school wrestling tournament. Your article ("Bread and Peace," January–February) specified that Norman Borlaug (B.S. '37, M.S. '39, Ph.D. '42) refereed in the first tournament, held in 1938. The first official state tournament was held in 1937. Seven schools with wrestling teams participated. I was the coach of the University High School wrestling team—it was part of my student teaching assignment required for graduation in 1937. Incidentally, I was a football letterman in 1936. This team was the national champion that year.

FRANK BARLE (B.S. '37)
Bakersfield, California

Thanks for WWII Era Story

I attended the University in the early 1940s but, to my dismay, had to leave before finishing my degree (I still think about returning to do the job right!). I'm writing

to thank you for your article about the University during World War II ("What is our war job?", March–April), when all our hearts and minds were with the "boys"—many of whom we knew or knew something about—who were overseas, serving our country. I don't recall those reports in the alumni newsletter in my student years, but for many years after we received the magazine and appreciated your reports about the dedicated students and alumni in uniform. Thank you for recognizing these beloved and dedicated citizens.

ELAINE SWANSON
Minneapolis

Stadium Déjà Vu

The sketch of the proposed stadium that was printed in the March–April issue of *Minnesota* looks dangerously close to another stadium that used to sit just a couple blocks away from this site. See the pictures.

BILL KRAMLINGER (B.S. '71)
Shoreview, Minnesota



The proposed on-campus stadium



Memorial Stadium, built in 1924

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A compendium of news, research, events, happenings and developments from around the University.

* Edited by Chris Coughlan-Smith

Old Map Suggests New Route

Susan Stekel Rippley, assistant curator at the University's James Ford Bell Library, home to rare, 500-year-old maps and books, is happy to bring out some of her favorite items from the world-renowned collection. A 1483 volume recounts Marco Polo's travels in Asia more than 100 years earlier. Reports written by Jesuit missionaries on North America in the 1600s offer fascinating details of the life and the land that was just being explored. A hand-written account by a Venetian nobleman of his travels across the Middle East and India in the early 1600s details the culture and people with illustrations provided by a French artist he met along the road. And a 1466 portolan chart—a nautical map hand-painted on animal skin—includes vivid and colorful images around the serious business of noting every feature along the European and North African coastlines. "There are some one-of-a-kind items, some true treasures here," Rippley says. "It's these kinds of special collections that set the U Libraries apart."

A 1424 portolan chart in the Bell Library caught the eye of retired British navyman Gavin Menzies. Large islands are pictured far across the Atlantic on this and other charts of that era, decades before Columbus sailed. Most consider the islands to be based on either myths or tales of long-ago explorers who may have reached North America. Menzies, however, comes to a different conclusion in his recent best-selling book *1421: The Year China Discovered America*, which claims Chinese fleets mapped the globe in the early 1400s. While many scoff at the theory, Rippley appreciates that nearly six centuries after the map was created someone can find something new. "It's kind of neat that he could look at this and see something no one else had," she says. "This collection is here for students and scholars to use. Sometimes a student will use items here as the basis for their dissertation, and they help uncover a lot of the detail."

The Bell Library began in 1953 with the donation of 600 books and a handful of maps by James Ford Bell (B.S. '01), founder of General Mills, a former University regent, and also namesake of the U's Bell Museum of Natural History. Bell's original collection focused on European trade, especially fur traders and others in the Upper Midwest. The collection has grown now to some 25,000 rare books and about 2,500 maps, and the focus has expanded to include early European trade and expansion around the globe. Under the care of recently retired curator Carol Urness (B.A. '56, M.A. '60, Ph.D. '82), the library's map collection grew and has become its best-known set of holdings.

The library is open to the public, and all its holdings are cataloged on-line. "We're a public institution and we're open to the public," Rippley says. "We're happy to help anyone with an interest."

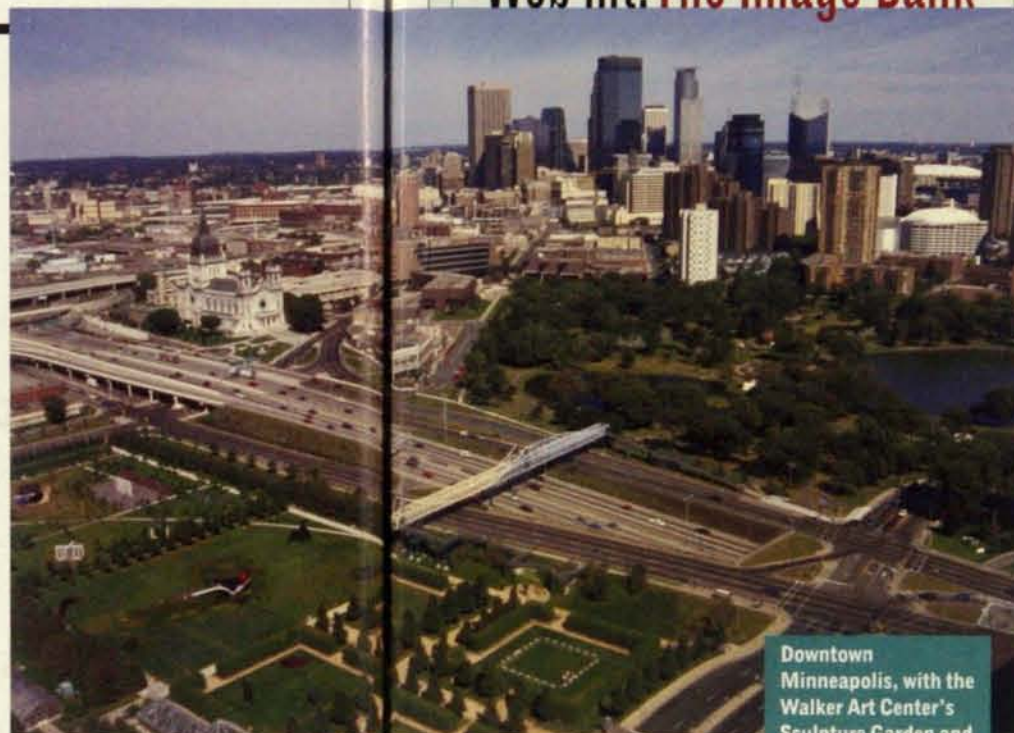
Bell's founding donation also included an endowment and funds to create the James Ford Bell Room, which looks and feels like the study in a European manor, softly lit and filled with antique furniture and rugs. It's an appropriate transition from the linoleum and fluorescent lights on the fourth floor of Wilson Library to the world of antiquity. A nonprofit group, the Associates of the James Ford Bell Library, helps with fund-raising, public lectures, and presentations and publishes books and newsletters.

For more on the Bell Library, visit <http://bell.lib.umn.edu> or call (612) 624-1528.



A 1466 portolan chart painted on an animal skin offered sailors detailed notes on the coastlines of the Mediterranean region. Colorful illustrations of kingdoms, mountains, and cities fill the land areas.

Web hit: The Image Bank



Downtown Minneapolis, with the Walker Art Center's Sculpture Garden and Loring Park in the foreground, is one of 17,000 images in the Design Center for American Urban Landscape's Image Bank.

With 17,000 images of Twin Cities landmarks, open spaces, and various types of commercial and residential developments, the Image Bank is of interest to those searching for better urban design ideas—or those who just like good pictures. A product of the U's Design Center for American Urban Landscape, the archive (www.designcenter.umn.edu/imagebank) contains a "best of" section that should be especially interesting to anyone who has ever lived in the Twin Cities. It includes images of the downtowns, parks, lakes and rivers, and the East Bank of the Minneapolis campus.

Both aerial and ground-level images are meant to portray how design can be used to make the metropolitan landscape more livable and sustainable—exactly the Design Center's mission. The center's founding director, Bill Morrish, began collecting images as a way to help residents and developers understand community design. Current director Ann Forsyth drove the process of organizing the images into a searchable on-line database.

The Image Bank is searchable by many different methods, and medium resolution photos suitable for most presentation purposes can be downloaded for free. High-resolution images are available for \$7 each.

Discoveries

U research findings

Do Ask, Do Tell

Women are taking more medications than generally believed and are not likely to tell their doctors about all the medicines and herbal supplements they take. A study led by faculty from the University's College of Pharmacy looked at 567 women who visited gynecologists at rural clinics in the United States. Interviewers found that 92 percent took prescription medications and 96.5 percent used over-the-counter medicines like aspirin, antacids, and vitamins. In addition, 59.1 percent used herbal supplements. But researchers found that women generally only reported the medicines and supplements to their gynecologist that they felt had an impact on their obstetrical care. However, prescription drugs do interact with over-the-counter medicines and herbal remedies. St. John's wort, for instance, can interfere with the effectiveness of birth control pills, and the herb kava can counteract antidepressants. The report was published in the February *Journal of Obstetrics and Gynecology*.



Harassment Goes On

Despite laws and policies against workplace sexual harassment, such behavior remains a common social phenomenon—and, more than ever, victims include men and adolescents as well as women, according to research done by University sociologist Chris Uggen. He and a colleague analyzed survey results from 1,010 St. Paul high school students in 1988, received follow-up responses from 742 of them in 1999, and conducted in-depth interviews with 33. One-third of young women reported being sexually harassed by their mid-20s; for men the figure was 14 percent. However, using a checklist of harassing behaviors, the researchers found that 60 percent of women and 58 percent of men had experienced some form of harassment. Those who had been harassed as adolescents were far more likely to be harassed as young adults. Men who were targeted tended to be those who did not conform to traditional masculine stereotypes in appearance, in beliefs about gender roles (such as related to housework), in feeling secure financially, and in other ways. The results appeared in the February issue of the *American Sociological Review*.

Fruit, Grains, and Heart Health

Three to four servings of fruit or grains a day could cut the risk of dying of heart disease by 25 percent to 30 percent, according to a researcher now at the University. The reduced risk was linked to dietary fiber, yet researchers found no such benefit from vegetables, possibly because a large amount of vegetables eaten by Americans are "starchy" vegetables like potatoes and corn. The link between dietary fiber and heart health has long been known. This study, which examined data from more than 330,000 people who participated in various dietary studies, found that those who ate 10 grams of cereal fiber a day had a 25 percent lower risk of dying of heart disease. With fruit fiber, the risk dropped to 30 percent. According to lead author Mark Pereira, an assistant professor of epidemiology who conducted the study while at Harvard University, starchy vegetables have some adverse effects on the heart. If more people were eating leafy, green, dark yellow, and orange vegetables, the positive effects of vegetable fiber may have been apparent, he says. The study was printed in the February 23 issue of the *Archives of Internal Medicine*.

Campus Digest

[FACULTY PROFILE]

Mark Seeley

In keeping with Minnesota tradition, Mark Seeley begins a friendly conversation by commiserating about a recent spell of cool, rainy weather. Then he adds that we should be expecting warmer temperatures soon. The discussion has moved seamlessly from small talk into a forecast, not an uncommon occurrence for Seeley, a University professor and Minnesota Extension Service climatologist.

Seeley shares this same type of chat with roughly 200,000 listeners every Friday morning during his "Weather Talk" segment on Minnesota Public Radio. He teaches an atmospheric science class in the Department of Soil, Water, and Climate on the St. Paul campus, designed for science teachers. And he travels the state, speaking to groups of school administrators, farmers, health professionals, and others. Whether they're drawing up irrigation strategies or planning how to deal with weather-related emergencies, each of these groups makes decisions based on their understanding of the weather.

Knowing that people are basing important plans on his predictions sometimes concerns Seeley. "You find out that people are relying on you more than you know, and that's pressure because you might let them down," Seeley says.

Weather prediction is tricky because data collection sites are scattered 50 to 100 miles apart. Between these sites, columns of moving air can brew undetected storms. Long-range forecasts are notoriously unreliable because these types of errors accumulate over time, Seeley says. Luckily, he adds, forgiveness is a strong cultural trait in Minnesota. "In another environment that wasn't so forgiving, it would be pretty unbearable."

The state has also endeared itself to Seeley because people care deeply about the weather and use it as a bookmark for important events in their lives. "What do you remember about your wedding day?" Seeley asks. "You remember the weather. What do you remember about your grandpa's funeral at the little country church? You remember the weather."

The relatively tame and predictable weather in Long Beach, Cal-



Mark Seeley

ifornia, where Seeley was born, didn't capture his interest. He planned to be a lawyer. But moving to Utah, where his wife attended graduate school, Seeley found himself enchanted with the mercurial mountain climate, where a lovely spring morning might change suddenly into a snow squall.

Seeley volunteered as a weather observer and then attended a few classes on meteorology. Before long, he'd earned a master's degree in meteorology, then a Ph.D. in climatology. A climatologist, Seeley explains, is like a historian. That role comes naturally to him. Ask about his connection to Minnesota, and his story winds gracefully back to the year 1854, when his great grandfather built a log cabin in Goodhue County. Similarly, Seeley's radio shows are peppered with local weather lore and historical anecdotes.

Minnesota's wildly variable climate creates an unending supply of notable incidents. Seeley muses, "For a meteorologist or climatologist, Minnesota is probably the next closest thing to heaven on Earth." Seeley, an earnest, sociable weatherman, has made himself an integral part of this "heaven on Earth" through his work—and with his distinctive voice over the radio. He can't even dial a wrong telephone number without someone asking, "Is this Mark Seeley?"

—Elizabeth O'Sullivan

Overheard on Campus

"Get involved. . . . Find a candidate you believe in. If you're a Republican, fine, find a Republican you believe in. If you're a Democrat, even finer, find a Democrat you believe in."

—Geraldine Ferraro, appearing on campus for the lecture "The Path to Equality: The 1984 Mondale/Ferraro Ticket," on her advice for women who want to get into politics.

"Time is not on their side, so I and others like me just keep trying to find a cure, be it breast cancer, diabetes, spinal cord injury, heart disease, or children with Fanconi anemia. If you could see what I see and hear what I hear, you would be both moved to tears and at the same time energized to make some small difference each day in these people's lives. I see that stem cells might make that difference."

—Dr. John Wagner, a University pediatrics professor and stem cell researcher, on why he favors embryonic stem cell research.

"I'm all for the research effort at the University, but I'm opposed to embryonic stem cell research. It could have potential, but it is not worth the cheapening or danger to human life. If the powerful can utilize the weak, that's a bad precedent to set."

—Dr. Steven Calvin, assistant women's health professor and co-chair of the University's Program in Human Rights and Medicine.

► Students Spring into Community Service



U freshman Scott LaPlante (left) and University of North Dakota freshman Jimmy Hoy (right) picked up garbage in Canton, Ohio, with local residents.

U freshman Dawn Solberg (below right) helps a boy at a YMCA in Pilsen, Illinois, create a flower arrangement for elderly citizens.



On their way back to Minnesota from Washington, D.C., this March, a busload of college students stopped at a steakhouse in Pickering, Ohio, for their last spring break meal together. They bounded inside and asked for a table for 43. Then they proceeded to give the overwhelmed waitstaff a hand. "We were taking orders, serving beverages, busing tables," says freshman Nick Lindberg, of

North Branch, Minnesota. "And we cleaned the restaurant up before we left. We were out there paying it forward to the steakhouse. It was a huge testament to our group." They also left a hefty tip on the table.

Good deeds and serving others is what this group of students—most of them University of Minnesota freshmen—had been doing all week on "Operation: Pay It Forward Tour," a bus trip to U.S. cities from Minneapolis to Washington, D.C. It all began last September, when three students sat up chatting at 3 a.m. about their dreams and chasing them. They formed a group called Students Today, Leaders Forever and devised the Pay It Forward bus tour.

"Our basic dream was to prove that one student can make a difference," says Irene Fernando, of Carson, California. "We're saying, hey, if you love doing something, do it, be the best at whatever you are, and take initiative." By performing community service projects, Fernando says, the student leaders also wanted to crack the stereotype about college students misbehaving on spring break.

The students first traveled to Chicago, where they worked at an affordable housing expo and helped children create flower arrangements for elderly citizens. In Canton, Ohio, they paired up with community members to pick up trash from neighborhoods. In Greensburg, Pennsylvania, they packed 700 boxes of food at a food bank. In West Philadelphia, the students learned about a local resource center's affordable housing, employment, and social services and then headed out into the community to encourage residents to take advantage of its offerings. In Washington, D.C., members worked in a soup kitchen and met with U.S. congresspeople.

"The idea is to change the world little by little," says Brian Peterson of Crookston, Minnesota. "We wanted people in each city to carry on the message. It was the best way we thought of to spread the message outside Minnesota."

Students Today, Leaders Forever now has about 30 members, and the University of North Dakota recently formed a chapter. "Our goal for next year is to have 10 buses meet in D.C., and down the road who knows where it will go," says Greg Tehven of West Fargo, North Dakota. "We feel that, as students, we can be leaders and we need to take initiative, and if we don't like something we might as well change it. It's not going to get any better just thinking about it."

—Shelly Fling

► Wise ReUse

Pete O'Keefe (B.A. '88) is coordinator of the University's ReUse Center, a 30,000-square-foot warehouse where discarded chairs, file cabinets, desks, lab equipment, and other items arrive daily from University departments. O'Keefe helps match those surplus items from one department with needs in other departments. "In the last year, we redistributed \$500,000 worth of goods within the University, so we saved the University half a million dollars," O'Keefe says. The ReUse Center is also open to the public one day a week and recently held its first public auction, where items like office and library furniture, laboratory and medical equipment, and even a piano were sold. "Every time a truck backs up to the dock, it's a surprise," O'Keefe says. For hours, a virtual tour, and photographs of recent arrivals, visit www.reuse.umn.edu.

—Sarah Barker



Arts & Events



(LEFT TO RIGHT) At the Weisman: A kite made of ink on paper and bamboo (1960), by Teizo Hishmoto, and a kite made of dyed rip-stop nylon and fiberglass sticks (2002), by Robert Trepanier, both part of "Tako: Japanese Kites Inspire Western Kitemakers," at the Weisman Art Museum June 19–September 12. At the Bell Museum: A photograph of goats on a mountaintop, part of "Endangered Treasure: Our Arctic National Wildlife Refuge," at the Bell Museum of Natural History May 28–August 29.

FAMILY FUN

MINNESOTA LANDSCAPE ARBORETUM

The Arboretum is located nine miles west of Interstate 494 on Highway 5 in Chanhausen. Admission is \$7, free for those 18 and under and for Arboretum members. Call 952-443-1400.

Totally Terrific TreeHouses

The Arboretum showcases 12 one-of-a-kind tree creations designed to delight and educate visitors about the benefits of trees. The exhibit of mysterious, whimsical, or surreal structures—designed and built by Minnesota architects, artists, and landscape architects—will be accompanied by family programs, self- and docent-guided tours, and activities that will help visitors look at trees in a whole new light. June 5–October 10.

Pea Pods Plus

Children ages 1 to pre-kindergarten and adults explore a variety of sensory, art, story time, and nature stations at the Learning Center, then take a walk in the gardens to discover what is blooming, growing, and crawling around the Arboretum. Tuesdays, June 8–August 17, 9:30–11 a.m. The cost is \$6 (\$4 for members).

Plant It!

Each month, the Learning Center features a different plant for kids to take home and watch grow. Plants come with care instructions and recipes for using in the kitchen. Saturdays and Sundays, June 12–August 22, noon–3 p.m. Free with gate admission.

SUMMER DISCOVERY DAY CAMPS

Weeklong camps are packed with hands-on projects that encourage kids from kindergarten through the sixth grade to explore the fields of science, art, and technology. All camps are taught by Bell Museum education staff and include field trips, a swim at the University of Minnesota Aquatic Center, and the use of other U facilities. Lunch is not provided, so campers should bring a bag lunch. Camps run June 14–August 3. The cost is \$200 (\$175 for members). Call 612-624-9050 or visit www.bellmuseum.org/camps.html.

SUMMER YOUTH PROGRAM

The Department of Animal Science at the University of Minnesota is offering weeklong summer programs for kids 7 to 15 years old. Each week, "Adventures with Food and Fiber" will provide age-appropriate hands-on activities

to introduce participants to animal agriculture and food/fiber production. Programs run June 14 through August 13. The cost is \$200 per child. Call 612-624-2766, or visit www.ansci.umn.edu/adventures.

MUSEUMS AND GALLERIES

BELL MUSEUM OF NATURAL HISTORY

10 Church St. SE, Minneapolis, 612-624-7083. Hours: Tuesday–Friday, 9 a.m.–5 p.m.; Saturday, 10 a.m.–5 p.m.; Sunday, 12–5 p.m. Admission is \$5 for adults; \$3 for children 3–16 and seniors; and free for members, children under 3, U students, faculty, and staff, and on Sundays.

Endangered Treasure: Our Arctic National Wildlife Refuge

This timely exhibit features eight internationally recognized wildlife photographers whose work captures the beautiful and compelling images of the Arctic National Wildlife Refuge and the nature and diversity of its coastal plains. May 28–August 29.

FREDERICK R. WEISMAN ART MUSEUM

333 East River Road, Minneapolis, 612-625-9494. Hours: Tuesday, Wednesday, Friday, 10 a.m.–5 p.m.; Thursday, 10 a.m.–8 p.m.; Saturday and Sunday, 11 a.m.–5 p.m. Admission is free.

Highlights under the Skylights

The museum will display highlights from its permanent collection, and the skylights will be opened to allow natural light to fill the galleries, presenting the treasures of the collection in a fresh new light. Through June 6.

Tako: Japanese Kites Inspire Western Kitemakers

Taking advantage of its lofty exhibit spaces, the Weisman presents a show of kites made by four Western kite artists as well as a selection of postwar kites made by Japanese artists. The kites range in size from a few inches to 40 feet long. All are meant to fly and most have flown over two or three continents. The exhibition also features Tal Streeter's "Five Mile Long Flying Red line," a 12-inch-wide by 5-mile-long kite tail. June 19–September 12.

GOLDSTEIN GALLERY

244 McNeal Hall, 1985 Buford Ave., St. Paul, 612-624-7434. Hours: Tuesday, Wednesday, Friday, 10 a.m.–4 p.m.; Thursday, 10 a.m.–8 p.m.; Saturday and Sunday, 1:30–4:30 p.m. Admission is free.

Sheila's Shawls

Skilled knitters have created shawls to honor the late Sheila Wellstone, an advocate for victims of domestic violence. May 23–June 15. See the next page for more information.

Convergence/Divergence: Split Rock Design Artists at the Goldstein

This exhibition showcases work by some of the foremost fiber, fabric, textile, and jewelry artists practicing in the world today and who will be teaching at the University's 2004 Split Rock Arts Program. Artists include Susan Brandeis (fabric collage), Ana Lisa Hedstrom (shibori), Carol LeBaron (felting and other ways of working with wool), Chungli Lee (surface design), and Emily Richardson (quilt design). June 29–September 12.

KATHERINE E. NASH GALLERY

Located in the new Regis Center for Art, 405 21st Ave. S., Minneapolis, 612-624-7530. Hours: Tuesday, Wednesday, Friday, 10 a.m.–4 p.m.; Thursday, 10 a.m.–8 p.m.; Saturday and Sunday, 11 a.m.–5 p.m. Admission is free.

Master of Fine Arts Exhibition

Public spaces, May 11–June 4

MUSIC

DIDO

British singer and songwriter Dido appears in concert June 4 at 7:30 p.m. at Northrop Auditorium, 84 Church St. SE, on the East Bank campus. Tickets are \$28–\$33. Call 651-989-5151.

SAINT PAUL CHAMBER ORCHESTRA

The SPCO performs Bach's Cello Suite and Brandenburg Concerto No. 4. May 23 at 2 p.m. at the Ted Mann Concert Hall, 2128 Fourth St. S., on the West Bank campus. Call 651-291-1144 for tickets.

TWIN CITIES GAY MEN'S CHORUS

Rocket Man! The Music of Elton John
The 140-voice chorus presents a collection of the musician's greatest work. June 25 and 26 at 8 p.m. at the Ted Mann Concert Hall, 2128 Fourth St. S., on the West Bank campus. Tickets are \$21–\$33. Call 612-624-2345.

Gala VII Send Off Concert

Nearly 350 voices in five choruses from around the United States and Germany perform together July 16 at 8 p.m. at the Ted Mann

Sheila's Shawls

Skilled knitters from Minnesota and around the United States have created shawls—symbols of warmth, comfort, and protection—to honor the late Sheila Wellstone, an advocate for victims of domestic violence and wife of the late Senator Paul Wellstone. The shawls will be exhibited May 23–June 15 at the Goldstein Gallery, 244 McNeal Hall, 1985 Buford Ave., on the St. Paul campus. Call 612-624-7434. Admission is free.

Pictured is "Caribbean Charisma," a 31- by 64-inch shawl knit by Andy Gilats. On June 16, the shawls will be auctioned at the Sheila Shawl Extravaganza at the Weisman Art Museum, 333 East River Road, Minneapolis, to benefit the Sheila Wellstone Fellowship in the U's School of Social Work and the Silent Witness National Initiative. Call 612-625-9340 or visit www.sheilashawl.umn.edu.



Concert Hall, 2128 Fourth St. S., on the West Bank campus. Tickets are \$21–\$33. Call 612-624-2345.

READINGS AND SPEAKERS

FIRST TUESDAY LUNCHEON SERIES

The Carlson School of Management presents lunch and a top-level executive as the keynote speaker from 11:30 a.m. to 1 p.m. **June 1:** Janice Aune, president and CEO of Onvoy, Radisson Hotel, 615 Washington Ave. SE, Minneapolis. Call 612-626-9634.

UNIVERSITY BOOKSTORES

Best-selling author David Sedaris will discuss his new book, *Dress Your Family in Corduroy and Denim*, at the University of Minnesota Bookstore in Coffman Memorial Union on June 3 at 7 p.m. Sedaris' best-selling titles include *Barrel Fever*, *Holidays on Ice*, *Naked*, and *Me Talk Pretty One Day*. Sedaris will sign copies of his book and answer questions following the discussion. Admission is free. Call 612-626-0559, e-mail bookstoreauthor@umn.edu, or visit www.bookstore.umn.edu/genref/authors.html

THEATER

UNIVERSITY THEATRE SEASON

The Mousetrap

Foul play is afloat—aboard the Minnesota Centennial Showboat—in this classic Agatha Christie thriller of intrigue and murder, directed by Kenneth Mitchell. Show options include performance with a picnic, cruise, dinner, or show only. June 18–August 28. For tickets, call 651-227-1100 or visit www.riverrides.com. ■

Since the Arts & Events calendar is compiled several weeks in advance, the editors recommend that readers confirm event dates and times.

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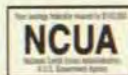
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The University of Minnesota compares favorably with its peers on seven key measures, according to the University's 2003-04 "Plan, Performance, and Accountability Report." The state-mandated annual report offers a comprehensive look at the University's accomplishments, challenges, and strategies for improvement. But for the first time it includes a scorecard assessing the University's academic quality, student quality and experience, public engagement, human resources, campus facilities and environment, efficiency and effectiveness, and finances compared with public research institutions.

"As a public university, it is imperative that we are accountable to the people of Minnesota," said University President Bob Bruininks. "This report clearly demonstrates that the University is fulfilling the mission and high expectations our citizens—and our students—have for us." The report is available on-line at www.umn.edu/urelate/govrel/reports.html.

The Gopher women's hockey team won its first National Collegiate Athletic Association (NCAA) championship, defeating Harvard 6-2 on March 28. On March 30, the Gopher women's basketball team advanced to the NCAA Final Four for the first time in program history with a 82-75 win over Duke. (For more on Gopher sports, see page 40.)

The Carlson School of Management received a \$10 million gift from alumnus Herbert Hanson Jr. (B.A. '49) and his wife, Barbara, in March to support the expansion of its undergraduate program. The school will use the gift to build a new facility next to its existing building on the East Bank of the Minneapolis campus. The new building will allow the Carlson School to accommodate 50 percent more students. Currently, the school accepts only 15 percent of its applicants because of space limitations. The Undergraduate Center will include classrooms, computer labs, and offices. Carlson officials say the facility is likely to open in 2008.

University officials applauded legislation introduced on March 15 that supports the construction of a Gopher football stadium on the Twin Cities campus. The legislation, Senate File 2825, authored by Senators Geoff Michel (R-Edina), Larry Pogemiller (DFL-Minneapolis), Steve Kelley (DFL-Hopkins), Cal Larson (R-Fergus Falls), and James Metzen (DFL-South St. Paul), authorizes the construction of a 50,000-seat, on-campus stadium near Mariucci and Williams arenas to be financed with substantial private fund-raising and a significant state contribution. "Bringing Gopher football home represents an incredible opportunity to reenergize



Alana Feldhahn, 8, got ready to make like Lindsay Whalen at Youth Day in March. Youth Day was organized by campus fraternities and sororities and held in the St. Paul Student Center.

campus life, attract significant private support, and bring pride to the state," said Joel Maturi, athletics director. "We need a partnership with the state to achieve that goal, and this legislation is an important step."

The University's lease in the Metrodome expires at the end of the 2011 football season, and the University is exploring new options now because it will take at least four years to build a new stadium. To read more about the Gopher stadium plan or to sign up on-line to show your support for the project, see www.umn.edu/stadium.

A writing test will be required of all freshman applicants for the Twin Cities, Duluth, and Morris campuses beginning in fall 2006.

"Effective writing is critical to success at the University and professionally," said Christine Maziar, senior vice president and provost. "Requiring a writing sample is a clear and unambiguous way for the University to underscore the importance we place on writing skills." Both the SAT and ACT college entrance tests will incorporate a writing sample beginning in spring 2005. Every other Big Ten institution has also adopted a writing requirement. In addition to assisting with admissions decisions, the writing sample will help the University appropriately place students in first-year writing courses.

In March, the Minnesota Legislature named October 16 Dr. Norman E. Borlaug World Food Prize Day. Borlaug (B.S. '37, M.S. '39, Ph.D. '42) earned the Nobel Peace Prize in 1970 for developing the high-yielding wheat that reversed food shortages during the 1960s. Norman Borlaug Day is meant to recognize a man whose contributions are often unrecognized, said Ronald Phillips, director of the U's Center for Microbial and Plant Genomics, who spoke to legislators in support of establishing the day. The College of Agricultural, Food, and Environmental Sciences invited Borlaug, who turned 90 on March 25, to present the commencement address on May 9.

University Relations has introduced a new Web publication, *UMNnews*, to keep readers informed about the best of the University. *UMNnews* provides readers with research updates, breaking news, the latest University events, and expert faculty and staff commentary on current national and international issues. Its Web site also serves as the on-line home for *M* and *eNews*, two University publications for all alumni and friends. To visit *UMNnews*, see www.umn.edu/umnnews.

Pauline Oo is a writer in the Office of University Relations.

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UNIVERSITY OF MINNESOTA

Off the Shelf

Reviews and views of books with a University of Minnesota connection.

CONSERVING WORDS

By Daniel J. Philippon
University of Georgia Press, 2004

Philippon, an assistant professor and director of the U's Program in Agricultural, Food, and Environmental Ethics, studies the work of five prominent nature writers of varying viewpoints—Theodore Roosevelt, Mabel Osgood Wright, John Muir, Aldo Leopold, and Edward Abbey. Philippon uses biography, history, and philosophy to show that each had a profound impact on environmentalism. In so doing, he traces the environmental movement from the closing of the frontier into modern wilderness preservation work.

ELDER VOICES

By Dan Detzner (Ph.D. '77)
AltaMira Press, 2004

The unique hardships and adjustments made by the oldest Hmong moving to the Midwest are explored in *Elder Voices*. Covering the family stories of the elders, often in their own words, Detzner then illuminates the unique cultural clashes and family conflicts faced by people whose way of life has been so radically changed. Yet, argues Detzner, a longtime family social science faculty member now serving as director of academic affairs for General College, there are similarities in the immigrant experiences of today's Southeast Asians and the many nationalities who came before.

FOREIGN WIFE ELEGY

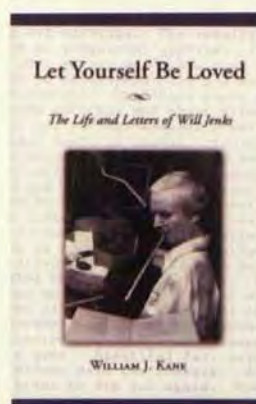
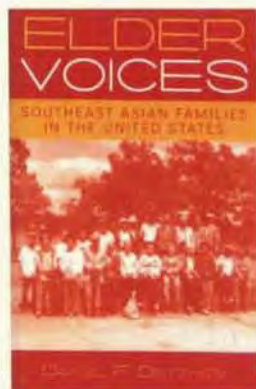
By Yuko Taniguchi (M.F.A. '01)
Coffee House Press, 2004

A dying woman's lips open like a pair of rusty scissors, blue eyes see as if underwater, a Camilla blossom "hits the ground/ like the beautiful head of Macbeth." In these and other vivid images, Taniguchi's collection of poetry crosses many boundaries, finding beauty in disaster and quiet in tears. Intensely personal poems about small occurrences, about Taniguchi's husband's work with the dying at a hospital, and about the space between her Japanese childhood and her Midwestern adulthood fill *Foreign Wife Elegy* with emotion and reflection.

FORGETTING IRELAND

By Bridget Connelly (B.A. '63)
Borealis Books, 2003

Connelly, an emeritus professor at University of California-Berkeley, weaves a true tale that moves from rugged Western Ireland to the western Minnesota prairie, tracing the path her grandmother took in 1880 at the height of the second Irish potato famine. Connelly uses letters and newspaper records—as well as trips to graveyards and churches and conversations with



long-lost Irish relatives—to uncover her family's buried past and the scandals that surround it. Connelly is not only a scholar but a folklorist who has a storyteller's flair, laying out her own journey to uncover the truth while also telling what she found.

LET YOURSELF BE LOVED: THE LIFE AND LETTERS OF WILL JENKS

By William J. Kane (Ph. D. '65)
Siren Book Company, 2004

In 1951, after just one year of college, Will Jenks became a quadriplegic due to polio and never returned to classes at the College of the Holy Cross in Massachusetts. Yet because of his grace and wisdom, Jenks was selected as 1979 commencement speaker by his 25-year reunion class. His spiritual message, "let yourself be loved," became a legendary lesson to all who heard it and continued to resonate with those suffering from debilitating illnesses as well as those caring for them. Kane, Jenks's close friend and college classmate, tells the story of his devastation and deliverance through narrative and lengthy passages of Jenks's eloquently thoughtful letters.

REEL TO REAL

By David Fantle (B.A. '83) and Tom Johnson (B.A. '83)
Badger Books, 2004

In the summer of 1978 new high school grads Fantle and Johnson daringly traveled to Los Angeles to interview movie idols Gene Kelly and Fred Astaire. Even before the articles were published in the *Minnesota Daily* the next fall, Fantle and Johnson were hooked. They have continued to interview entertainers for 25 years, and have collected some of their favorites in *Reel to Real*. The 61 short articles—some narrative and some question-and-answer—include some of the biggest names of Hollywood's past: Bob Hope, Mickey Rooney, Debbie Reynolds, and more. Musicians, vaudevillians, and early television stars complete the line up of classic personalities captured before it was too late.

STOLEN HOURS: BREAKING FREE FROM SECRET ADDICTIONS

By John Howard Prin (B.A. '68)
Siren Book Company, 2004

Everyone keeps a secret occasionally, but chronic secret keepers—those whose secrets have power over them—steal hours away from their public lives to act out their secret behaviors or passions. These secrets might be gambling, alcohol or drug abuse, sexual addictions, eating disorders, or other self-defeating behavior. The author speaks from personal experience—through recovery from chemical addictions and as a chemical health

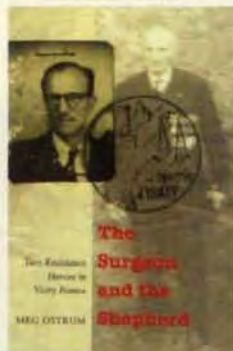
counselor—as he describes the eight mindsets of people with secret-keeping traits and offers practical ways to confront the problem.

THE SURGEON AND THE SHEPHERD

By Meg Ostrum (M.A. '78)
University of Nebraska Press, 2004

An extraordinary tale of wartime valor and comradeship, *The Surgeon and the Shepherd* recounts the work of two men—a seemingly apolitical doctor and an outcast shepherd—who helped hundreds escape the Nazis from France over the Pyrenees into Spain. Using a back-country lumbering operation to cover their activities, and with the doctor posing as a

Nazi collaborator, their story offers a powerful study in moral and physical courage. Ostrum did more than 10 years of research uncovering the true story of these folk heroes of Vichy France.



Eastcliff Book Club

A new University-related book club is forming. The Friends of Eastcliff Book Club will showcase books by University faculty, staff, and alumni and offer discussion meetings with the author at Eastcliff, the University president's official residence. The first club selection is *Saul and Patsy* by U English professor Charles Baxter. The first meeting, hosted by President Bob Bruininks and his wife, Susan Hagstrum (M.A. '77, Ph.D. '87), takes place May 25.

To participate, readers must be members of the Friends of Eastcliff, a group that raises private funds to maintain and improve the residence. Annual membership is \$100 for singles or \$150 per couple. The book club plans to meet three times a year.

For more information on the Friends of Eastcliff Book Club, call 612-627-6800 or visit www.bookstore.umn.edu/eastcliff.html.



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UNIVERSITY OF MINNESOTA

Happy Loser

A finishing touch on the New York City Marathon.

These symptoms do not go well with high expectations. Yes, I wanted the "New York experience" (learning the word for "go!" in six languages, an interactive foot-tour of the melting-pot theory, standing in a Porta Potti line with P. Diddy), but that's not why I trained like it was my job. I had a time in mind, splits to hit, personal records to topple. After six marathons, I wasn't interested in merely finishing. That's fine for a first-timer, but not a card-carrying member of the USA Track & Field association. I didn't pretend I'd get the Mercedes that goes to the winner, but I had my game face on. Unfortunately it was mangy.

Marathoning is all about overcoming obstacles, whether it's fatigue, weather, age, or freak drug reactions. There is, however, no sense in hurrying toward the inevitable, so I jostled off the start line conservatively, taking in the matchless view from the Verrazano Narrows Bridge. A postcard perfect Manhattan skyline presented itself under cerulean skies. Helicopters hovered overhead. Fireboats spouted red, white, and blue geysers down below as discarded clothing popped up like colored popcorn from the bobbing mass of warmed-up runners. Hooting, giddy participants, foghorns, bells, and a marvelous contingent of trotting Irish storytellers distracted me from the record warmth and its further aggravation of my skin condition.

The honeymoon ended in Brooklyn when I scratched my arm and the skin came away in stripes that resembled a grizzly

Did you know the Queensboro Bridge is a mile long relentlessly uphill? You notice this kind of thing once you've run 15 miles. But that's not what made the crossing so hard.

Despite, or possibly as a result of, six months of spartan training, I toed the line of the New York City Marathon last fall heavy with doubts. Even as the 75-mile weeks carved some definition into my legs, the training regimen welcomed bacterial cohabitants with open arms. One antibiotic led to another, and the day before the marathon my body mounted a counterinsurgency—a militant rash and angry swollen glands.

mauling. This was so compelling I was tempted to try it again to see if I could replicate the decorative results. I nearly lost my concentration, but the rigor of my mental training pulled me back on track. Eye of the tiger. Skin of the tiger to match.

I cantered through a rowdy Hispanic section (yips, ululating, salsa music, and stores selling First Communion dresses with enough satin and lace to drown any 8-year-old) and turned onto Bedford, the home of hip-hop and sassy spectators ("I didn't come

out here to see some white guy walk!"). The entire cast of 35,000 runners converged from various parallel starting points at the eight-mile mark in Brooklyn, yet there was a surprising roominess and not one of the other 34,999 seemed to be running my pace. I wondered later if the leprosy had anything to do with it.

Next came a Hassidic Jewish section that was well-peopled with somberly dressed and utterly silent spectators—the patter of thousands of rubber soles on asphalt was the only applause. I felt self-conscious about sweating through their front yards so scantily clad, but thankfully, like emerging from under a bridge in a rainstorm, the loud and universally affirming crowds of Queens returned with high fives, low fives, and kind inquiries regarding my plans for the evening.

As much as I was enjoying the scenery and the spectacle, things were not going well from a performance standpoint.

Twelve miles into a marathon, the well-trained athlete should be comfortably into her stride, confident that the overall body fatigue that makes a grown person want to cry is at least 10 miles off. Yet each twitching muscle cell, all 20 cuticles, and every over-taxed little immuno-blobule let me know

Each twitching muscle cell, all 20 cuticles, and every over-taxed little immuno-blobule let me know that though I was geographically in Queens, less than halfway, I was already knocking on the door of the House of Hurt. I began to think things, bad things, things about dropping out.

that though I was geographically in Queens, less than halfway, I was already knocking on the door of the House of Hurt. I began to think things, bad things, things about dropping out.

Time to practice positive mental attitude? Affirmations? Nonsense. Never underestimate the power of sloth, I say. The only force that has effectively driven me across six marathon finish lines is laziness and the crying inconvenience of quitting. It requires less effort to stay the course

than to fend off eager spectators who feel it's their duty to keep you from being the loser you so desperately wish to be. It's easier to keep plodding along than to totter off the parade route, penniless, filthy, and 11 or so miles in some direction from a bathtub you can call your own. It's faster too—the heavenly bath, the glass of merlot, the death-like stillness—all enjoyed that much sooner by the lazy runner than by the honest quitter who wanders side streets for hours waiting until someone notices the smell and calls an ambulance.

At the end of that relentlessly uphill, mile-long Queensboro Bridge, just a few blocks from Central Park and the ideal shortcut for the marathon dropout, the course cruelly makes a sharp right onto First Avenue. Its 10-deep throng presented an impenetrable wall of do-gooders, not buoying me on the wings of their enthusiasm, but boisterously keeping me from quitting. Destiny denied, I turned my bumpy face north to the Bronx.

Unlike most runners, I don't wear a watch and harbor only the foggiest notion about the passage of time. I rely on a feeling for pace. If I have to lift each wooden limb manually and replace it a few inches farther on—each time thinking, "Are we there yet?"—chances are my pace has deteriorated significantly. Such was the case in the Bronx. There was no denying that a

personal best was as unattainable as an affordable flat on the Upper East Side. If it's hard to grab hold of the brass ring, it's downright gutting to let it go. I was invested, dang it: 20-mile training romps in the rain, going out for a run *before* listening to my phone messages and their potential distractions, sit-ups (sit-ups!).

Harlem, 22 miles: I have never walked in a marathon. (Post-children, the number of things you can be vain about drops dramatically.) Sometimes the difference between running and walking is only a matter of semantics, but nonetheless purposeful walking equals full-on defeat, throwing in the towel, dissolving into sniffing, shuf-



By Sarah Barker | Illustration by Kathy Osborn

UNIVERSITY OF MINNESOTA
ALUMNI ASSOCIATION



A special welcome to our newest fully paid life members

(reflects February - March 2004)

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**Become a life member today!
Use the enclosed envelope.**

fling hopelessness. In other words, walking was looking like quite a good fit mentally. "True, I am bankrupt of hope and dignity but I've got my health," I justified, scratching. I decided to walk if only to keep body parts from falling off and clattering to the side of the road. So clouded were my faculties, I had to ask a passing New Zealander if I was, in fact, walking. "Yiss, I think so," she opined as she went on by.

My fading awareness registered instant relief, a lightening about the shoulders, a

brightening of my environment. The Gatorade was yellower, the gum on the road pinker, spectators better looking, birds cheerier, my rash gaudier. And no one rushed out and asked me to relinquish my USA Track & Field membership. The walking thing was good, quite good.

But I began to wonder if this newly vivid world was a precursor to the oft-mentioned bright light at the end of the tunnel. A demonstration of viability seemed wise, so I broke into a run suggestive of Hermann

Munster. At the same moment, some steps ahead, the New Zealander had lost her will to live and decided to go out walking. We spent the last few miles through Central Park passing each other with short-lived inspiration ("Almost there now," "Come with me," and "It's not dark yet"). As we neared the south end of Central Park and the 25-mile mark, my New Zealand ally once again came upon my pocked corpse. She divined a stronger brand of motivation was required so, bless her, she hooked my loathsome elbow and propelled me along, insisting we finish this thing out in a style some might recognize as running.

At first I thought it was confetti or perhaps a strange and lovely hallucination: A slight breeze had loosed thousands of golden leaves that fluttered and flashed in the sunlight as they rained down, baptizing the tired, the hungry, the sweaty masses. We raised our arms like children running through a sprinkler and laughed weakly. God and the New York City Marathon had really thought of everything.

Some long minutes later we passed in front of grandstands and under the finish banner, high-fived (more prudent than hugging given our advanced condition), and promptly lost sight of each other in the stumbling exodus. Wobbly, leprous, unspeakably rank, having just topped off six months of training with one of my poorest performances, I was perfectly, unreasonably happy. I managed to orchestrate a dopey smile that—unlike the ex-skin spots that became infected overnight—took two days to wear off.

Never has it been clearer that "happy loser" is not an oxymoron. In this world of expectations and ticking seconds, if you find yourself happy—for whatever reason or no reason at all—you are a winner. You're a winner just as surely as if you'd broken the tape to win the New York City Marathon. You do not, however, get the Mercedes. ■

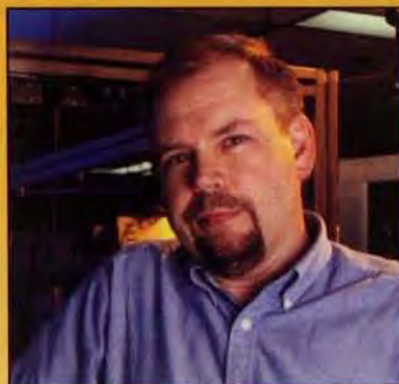
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From Music Boxes to Meat

To mark the 100th anniversary year of the University of Minnesota Alumni Association, *Minnesota* presents a series of articles spanning the alumni association's history, including a tour of popular and peculiar Minnesota souvenirs and memorabilia.

BY TIM BRADY

Through its 100-year history, the University of Minnesota Alumni Association has employed a variety of clever, novel, and—shall we say—interesting products to advertise itself, provide a service for its members, and make a few dollars for the association in the process. The Mug 'N Meat pack falls into the “interesting” category.

Mug 'N Meat was a line of university-crested coffee mugs handsomely packaged with two pounds of country sausage. In the late spring of 1963, the Mug 'N Meat distributor in Milwaukee contacted Ed Haislet, executive director of the Minnesota Alumni Association, wondering if the alumni association might be interested in selling these gifts to its members. The school's crest would be etched on the front of the mug in 22-karat gold, and the sausage would come in two varieties: summer (laced with spicy garlic) and hickory links (“especially perfect as party hors d'oeuvres with crackers or cheese”).

The distributor's timing was perfect. His letter arrived just as Haislet was putting together the annual “Official University of Minnesota Gift Items” catalog, and the Mug 'N Meat pack sounded like it might be a nice addition. There was a problem, however. The distributor couldn't produce a University of Minnesota-crested coffee mug quickly enough to photograph it for inclusion in the gift item catalog, which was nearly on its way to press. What if, he suggested to Haislet, we shoot a Marquette University mug and do a little manipulation of the image? They would put a sharp focus on the “M,” and the rest of the word—“ARQUETTE”—would be out of focus and disappear around



The MINNESOTA MUG 'N MEAT Pack

the side of the mug. No one would know the difference, the distributor insisted. Catalog browsers would read the “M,” and, where they saw only fuzz, their love of their alma mater would fill in “INNESOTA.”

Haislet was obviously pressed for time, liked this Mug 'N Meat idea, and felt that the art might work. Who wouldn't want a slice of spicy summer sausage with a cup of Maxwell House on a Gopher football Saturday morning? He gave the go-ahead, and into the 1963–64 gift catalog went the Mug 'N Meat Pack and its tantalizing descrip-

The Minnesota Mug 'N Meat Pack made a fleeting appearance, in 1963, in the gift catalog sent to University alumni. While the item did not sell well, University President O. Meredith Wilson (1960–67) was among the recipients of this unusual token.



Times change:
A maroon-and-gold pen
and ashtray set sold
in the early 1960s bore the
University Regents' seal.



**The Gopher helmet lamp—
topped with a burlap shade—
and the Gopher helmet radio
were must-have items for
Minnesota fans in 1976.**

Your
**MINNESOTA
CHAIR**



**The Minnesota Chair,
with the University logo
silk-screened in gold on the
seat back, was a popular
item among alumni for
several decades.**

tion: "Make your coffee break a toast to your Alma Mater with this spanking white ceramic mug. . . . And for a companion snack, two lbs of all-beef smoked country sausages!"

It's hard to say whether the fallacies of the ad were detected by Gopher alumni and detracted from its appeal, or if the time just wasn't right for the Mug 'N Meat concept. The bottom line, however, was that the package was not a hit. Haislet let his distributor down quickly and cleanly the following spring. "I know that you must have been disappointed in the number of Mug 'N Meat Packs sold," he wrote. "I was. I feel, therefore, that for the coming year we should drop the item."

The Mug 'N Meat Pack had been just the latest in an explosion of what came to be called "loyalty items," marketed through the alumni association beginning in the 1950s. Whereas in the first half of the 20th century, alumni association-affiliated products had been limited to a handful of publications—primarily University directories and references—gradually through the 1950s and '60s an entire catalog of U of M souvenirs were marketed for alumni through the association. University blazers and blazer buttons, Minnesota playing cards and insignia serving trays, U of M cigarette lighters and a musical cigarette box that played the Rouser when you opened the lid and plucked your brand from within.

Catalog might be too grandiose a term for the marketing piece. The "Official University of Minnesota Gift Items" was a brochure whose presentation was a model of pre-modern salesmanship, featuring blunt copy with a hint of hard sell to it. "You Will Want Them," the text read, regarding the items inside. "**For Your Office *Your Home *For Your Own Use." . . . "Perfect For: *A Birthday *An Anniversary *Graduation *Or Just a Gesture of Thoughtfulness."

The alumni magazine also served as a prime tool for selling loyalty items. The plum space on the back cover was typically reserved for advertising a rotating line of products. These included walnut chairs bearing the University logo silk-screened in gold on the seat back (priced at \$27); University plates by Spode; and *Echoes from Memorial Stadium*, the first record ever cut of University of Minnesota songs.

Echoes was produced in 1953 and served as kind of a bridge project for the association between pre- and post-World War II alumni association sales efforts. Prior to the Ed Haislet era (1948-76), marketing of the association through product sales had meant producing and selling

publications under the association's imprimatur. To E.B. Johnson, the first executive director of the association, this seemed a natural extension of the General Alumni Association's role.

Along with being a founding force in the association itself, Johnson had also created the alumni magazine and served as its editor through the first 19 years of its existence. He was thus already inclined toward the publishing industry and encouraged the association to produce a string of books to help promote itself and spread the word about the U of M. All edited by Johnson himself, these books included some remarkably helpful reference tools: a *Dictionary of the University of Minnesota*, which was issued in two editions, in 1908 and an updated version in 1911; a 40-year history of the University, published in 1910; and several alumni directories.

Publishing, however, was an expensive and risky business to shoulder alone, and the University showed no interest in helping foot the bill for these early association efforts. By the mid-1910s, the association had decided it was wiser to contract with an outside publisher to produce its directories. *The Dictionary of the University* and any further alumni efforts at a general history of the U of M also fell by the wayside.

In 1928, however, the alumni association was right back at it, publishing a history of the University of Minnesota football program. Like the earlier references, this book was successful and remains a valuable historical tool; but as a stand-alone publication, it lacked the oomph necessary to perpetuate itself or other publications. Up until the 1950s, there were periodic calls to revise, update, and reissue a Gopher football history at the U, but these efforts all died aborning.

Meanwhile, the alumni association held what many considered a valuable asset, both in sentimental and marketable measures. These were the copyrights to a number of U of M songs, including "Hail! Minnesota" and "The Minnesota Rouser." Truman Rickard (1904), the author of "Hail! Minnesota" as well as "The Ski-U-Mah Fight Song," had presented the rights for both these tunes to the association in 1926. The Minneapolis Tribune Company held the rights to "The Minnesota Rouser," which accrued to it after sponsoring a fight song contest, won by Floyd Hutsell, in 1909. The Tribune Company presented the alumni association with the license to use this most popular of songs in 1928.

Exactly why the alumni association and not the University was given these rights remains a little foggy. At the time, distinctions between the U and the association were less defined than they

would subsequently become. Apparently University President Lotus Coffman felt the alumni association was a natural province within the University for all song-related matters. According to E.B. Pierce, the second executive director of the alumni association, "President Coffman preferred that the Association secure the copyrights, conduct competition for the new songs, and handle the whole song situation." And so it was.

Pierce subsequently signed a contract, on behalf of the association, with the Melrose Brothers Music Company of Chicago, giving that company publishing rights to the songs. He did so because, as noted from the prior history of the association, it was easier and made more sense for the association to contract with a publisher than to go into the publishing business itself. "It is expensive to make original arrangements," Pierce wrote, "but after they are made, copies may be had very cheaply. . . . A large music house has the staff and facilities for making arrangements and manifold them as well as distributing them." All of this became more important in the post-war years, just as that first LP of U of M songs, *Echoes from Memorial Stadium*, was evolving.

The album emerged during the dawn of a new era at the University, a new era on college campuses across the United States. With the G.I. Bill, the University saw an explosion in its population. The growth in students meant a growth in graduates. The growth in graduates meant that the alumni association would be faced with many new members and many new opportunities. It was too early to say, in the late '40s, looking out at the Quonset hut housing, the crowded classrooms, and the waves of students rolling over the campus, that someone was dreaming of selling all these future grads Mug 'N Meat packs. It is fair to state, however, that with this post-war tide of students a new and burgeoning market for University souvenirs and memorabilia was born. And the alumni association wanted to take advantage of it.

Enter Ed Haislet, who became the executive director of the association in 1948. Haislet was hired to help modernize the organization, which included finding new streams of revenue for its growing membership. One of Haislet's first suggestions was for the association to take advantage of those association-owned University song rights and publish a songbook. This could be followed by a University of Minnesota LP record, and then another and another and another, all sold to the growing number of graduates pouring from the University.

The problem was that the Melrose Brothers Music Company was still around and claimed it owned the publishing rights to the University songs due to its 1928 contract signed by E.B. Pierce. A University lawyer was called in to look at the history of the rights, and he essentially determined that it was a mess and advised



As advertised in the fall of 1970, alumni association members stayed snug and dry and received a discount on the maroon Gopher "Bag for Two."

***Echoes from Memorial Stadium*, the first record ever cut of University of Minnesota songs, in 1953, signaled the alumni association's entry into the brave new world of marketing memorabilia.**



the alumni association to hire a New York law firm that specialized in copyright law to sort things out. There was a good deal of back and forth between law offices and the alumni association, but three years later, Ed Haislet was able to announce the outcome of the matter in a column in the *Minnesota Alumnus*, which he titled "Now We Can Sing." He might have added "finally."

"Years ago the publishing rights to Minnesota songs was assigned to a commercial publishing house," wrote Haislet, "and because of ensuing copyright difficulties no record or album was officially published. In this day and age, when all the masters of the world of music are at our beck and call through high fidelity recordings the songs of the University of Minnesota have been conspicuously absent."

No longer. As of September 1953, *Echoes from Memorial Stadium*, featuring "Hail! Minnesota," "The Minnesota Rouser," "The Ski-U-Mah Fight Song," and other, lesser-known works such as "The Golden Gopher Line" was made available to alumni association members for the low price of \$3.75, shipping included (\$5 for nonmembers). The first order from the record company sold briskly. By May 1954, Haislet was asking for a second printing of 500 LPs. Though sales slowed in subsequent years, until a second University album was recorded in 1963, *Echoes from Memorial Stadium* signaled the alumni association's entry into the brave new world of marketing memorabilia.

In years to come, the association kept expanding its souvenir offerings. In time, the "Official University of Minnesota Gift Items" catalog would include all of the items mentioned earlier and more. There were U of M pewter tankards and letter openers, plaques and paperweights, pen sets and glasses, end tables and bookends. There was a Gopher Helmet Radio and a Gopher

Helmet Lamp (both \$14.95 from the 1976 catalog). While the money didn't exactly pour in, the gift items did bring in a steady line of income. The world of collectibles was enlarged and enriched, and the University of Minnesota Alumni Association had a good time improving it, including recent items like the popular "bobblehead" Goldy figurine and the practical insulated lunch bag.

As for the Minnesota Mug 'N Meat pack? Quoth the raven, "Nevermore."

Tim Brady is a St. Paul freelance writer.

ENDLESS ENERGY

IMAGINE homes, vehicles, computers, and factories all powered by energy sources that are never depleted. That is the vision of researchers working in the Initiative for Renewable Energy and the Environment, a University-wide effort to make Minnesota a leader in clean energy production and to lead the nation away from foreign sources of fuel.

Lanny Schmidt, professor of chemical engineering and materials science at the University of Minnesota, has quietly toiled away at research projects for nearly two decades. Then suddenly this winter, he found himself amid a flurry of media attention following an article he and his colleagues published in *Science* magazine. He was interviewed from Canada to Australia and for numerous news organizations in between. Schmidt and fellow U researchers had hit on a new way to extract hydrogen from fossil fuels and ethanol. Ultimately, Schmidt says, the goal is to produce hydrogen from renewable energy sources.

The paradox of hydrogen is that it's the most abundant element in the world—including in water—yet it doesn't exist on its own. "The hydrogen economy" is a buzzword phrase that's been picked up," acknowledges Schmidt, a Regents' Professor. "It doesn't mean anything because hydrogen doesn't exist in free form." Currently, hydrogen must be produced by large-scale refineries using large amounts of power. Hydrogen energy is

stored in fuel cells—which convert chemical energy into electricity—that could be housed in homes or vehicles. But so far, producing hydrogen has been prohibitively expensive.

In what amounts to a small pipe, Schmidt and his colleagues have created a reactor wherein a chemical reaction converts ethanol into hydrogen without burning it. In Schmidt's model, the hydrogen wouldn't be stored, but would be used as it's produced. In theory, consumers armed with reactors like Schmidt's, about the size of a softball bat, could convert ethanol into hydrogen to provide power for their homes and the computers and appliances inside them.

This breakthrough potentially means that hydrogen energy can be produced more cheaply and easily than is currently possible. "The bottom line is we want to go to renewable energy because [in Minnesota] our fossil fuels are all imported. Minnesota spends \$7 billion a year importing fossil fuel. The premise is that renewable fuels would all be made in Minnesota," says Schmidt.

By Burl Gilyard | Photographs by Mark Luinenburg



LANNY SCHMIDT, PROFESSOR OF CHEMICAL ENGINEERING AND MATERIALS SCIENCE

“We all agree probably that we will switch someday from fossil fuels to renewable fuels. But will this happen in five years or 50? We don’t know. That’s where the University comes in. You need research to discover new technologies, to make these things economical and scalable.”

Schmidt’s hydrogen research is just one piece of a larger renewable energy effort under way at the University that involves several colleges, centers, and campuses across the system. The initiative began to take shape almost two years ago, when U lobbyist Dick Hemmingsen (B.S. ’70, M.Ed. ’94) attended a meeting in Brookings, South Dakota, to discuss the Sun Grant Initiative, designed to help bolster research in renewable energy. Hemmingsen wondered how the U could get positioned for federal grants for such research—if and when they became available. The University had no centralized organization for renewable energy research at the time, but, Hemmingsen says, “As we dug around, we found there was a lot of work going on.”

Meanwhile, Bob Elde (Ph.D. ’74), dean of the College of Biological Sciences, and Ted Davis, dean of the Institute of Technology, were also discussing renewable energy ideas. Soon, talk

turned to forming a renewable energy consortium at the University. “We had these pockets of expertise, but those pockets didn’t know that each other existed,” says Elde. These ideas became somewhat loosely organized under the heading of the University of Minnesota Initiative for Renewable Energy and the Environment (IREE).

As fate would have it, renewable energy became a hot topic at the state Capitol in 2003. When the Minnesota Legislature approved extending waste storage at Xcel Energy’s Prairie Island nuclear plant, part of the deal earmarked \$20 million over the next five years for renewable energy research at the University. The funding transformed IREE from a concept into a real, University-wide program, and Hemmingsen became interim director of the fledgling IREE.

Under the new umbrella, IREE has been organized into four “clusters” of research: hydrogen; bioenergy and bioproducts; policy, economics, and ecosystems; and conservation and efficient energy systems. Researchers apply for “seed grant” funding from IREE to fund various projects in these clusters.

The impetus for finding renewable sources of energy is driven by U.S. dependence on finite fossil fuels, some of which must be imported. Domestic demand for oil is steadily rising while

domestic production is falling, making the United States increasingly dependent on foreign imports. Some critics of U.S. foreign policy see protecting U.S. access to oil as a motivating factor in overseas military actions, such as the war in Iraq. One of the incentives offered by renewable sources of energy is that they have the potential to produce power domestically, thereby reducing U.S. dependence on imports.

Another reason to develop renewable energy is that coal, the single largest domestic source of power in the United States, is also

a major contributor to air pollution. Renewable energy offers the promise of an unlimited domestic energy supply, with less impact to the environment. One of the challenges of renewable energy, however, is making it cost-effective to use. In other words, the energy created must sufficiently offset the cost of generating it.

One of the key tenets of IREE funding is to make the research funding renewable as well. Researchers are encouraged to forge multidisciplinary partnerships both inside and outside the University and to use IREE funds to leverage other financial support wherever possible. "The challenge is going to be investing wisely," says Hemmingsen. "Strong collaborations and partnerships are going to be one of the hallmarks of this initiative."

University President Bob Bruininks has made IREE one of his academic priorities and believes that the U is well-positioned to be a leader in renewable energy research. "We have extraordinary academic strength and I would argue that strength is a comparative advantage," Bruininks says. "We have renewable sources of energy that are very rich possibilities in our own state. I think we'll not only advance knowledge, but create very important economic activity in this area as well."

IREE has already helped attract new talent to the University. Microbiologist Daniel Bond left the University of Massachusetts-Amherst to join the University this spring. Bond's work has focused on extracting energy from organic matter found on the ocean's floor. "It seemed that we really had the opportunity to bring together dream teams here at the University," says Elde. "[IREE has] really captured the attention of some of our very best people here at the University. It's pretty amazing what's happened already, so I'm very optimistic for the long haul."

BIOENERGY AND BIOPRODUCTS

Given Minnesota's agricultural heritage, researchers are thrilled about the prospects for harvesting, literally, new sources of power from the land, from plants and plant byproducts. Ethanol, for example, is a mixture of gasoline and a small percentage of fuel generated from crops such as corn. But today, most ethanol is largely comprised of traditional fossil fuel. Minnesota already has an emerging ethanol industry, and University researchers are investigating several new frontiers.

Biomass—plant materials—can replace fossil fuel-based products such as plastics and can be burned as an alternative to fossil fuel itself. While biomass generates roughly the same amount of carbon dioxide as fossil fuels, continually replenishing plants in a bioenergy system actually removes carbon dioxide from the atmosphere, potentially resulting in a zero net emission.

Donald Wyse, professor of agronomy and plant genetics, says that one of the issues researchers are



► "What we're trying to do is develop an all-polymer solar water heating system. . . . There are a lot of technical challenges and barriers [but] the companies have built the prototypes. This is something that we think will be a reality in the very near term. We hope to get systems out in the next couple of years."

PROFESSOR JANE DAVIDSON

discussing is diversifying the landscape of plants in Minnesota with plants such as perennial sunflowers and flax. "We're looking at a wide range of other grasses," says Wyse. "Perennial flax has the same oil content as annual flax and could be used for dual purposes. It could be used for fiber; it could be used for energy."

Wyse notes that plants need to have multiple uses to be economically viable. That means thinking holistically how to utilize new plants: "We have to be thinking about how we develop biomass systems."

Meanwhile, at the University of Minnesota-Duluth (UMD) campus, researchers are investigating the possibilities of fast-growing, disease-resistant hybrid poplar trees. The hybrids could grow to full size in seven years, in contrast to the standard 40 years, and could be used as a potential source of fuel.

"You could use the whole tree as a biomass source for energy," says Donald Fosnacht, director of the Center of Applied Research and Technology Development at the Natural Resources Institute at UMD. One idea that's being explored is putting many of the dormant taconite mining sites in northeastern Minnesota—in addition to other sites around the state—to use as biorefineries. "We think that those could be potentially virgin sites for this type of opportunity. You have a real opportunity for economic development and you're also attacking some of the energy issues. This is real stuff."

CONSERVATION AND ENERGY EFFICIENT SYSTEMS

One of the challenges for renewable energy researchers is that existing homes and commercial buildings aren't necessarily equipped to use renewable sources of power. Professor Jane Davidson in the Department of Mechanical Engineering has been wrestling with one possible solution to that problem. "Over a third of U.S. energy consumption is in buildings," Davidson says. "Right now a solar system to provide hot water is used in only 1 percent of U.S. houses. The payback is so long that people aren't willing to invest in a solar system. One of the things that I've been working on almost since I've been at Minnesota [since 1993] is to develop a much lower-cost solar heating system."

"What we're trying to do is develop an all-polymer solar water heating system," she continues. "The idea is that the initial cost would be much lower." Polymers would replace parts that are currently made of glass and copper, thereby making solar thermal energy systems more affordable. Partners on the project include several companies (DuPont, FAFCO, Solvay Advanced Polymers) and the federal National Renewable Energy Laboratory.

Davidson stresses that these ideas aren't just blue-sky notions



► "Right now when you buy electricity for your home, you pay a price that reflects the price of producing the products. We look at the benefits of energy production, but we don't look at the various environmental costs. The main appeal of renewable energy is that it can eliminate many of these costs." **PROFESSOR DAVID TILMAN**

but are very close to becoming reality. "It's very exciting. Sometimes you work on things for years and you never see them. There are a lot of technical challenges and barriers [but] the companies have built the prototypes. This is something that we think will be a reality in the very near term. We hope to get systems out in the next couple of years."

John Carmody, director of the University's Center for Sustainable Building Research, says that one of the broad concepts that researchers are exploring is the creation of a "zero energy building," a building that generates its own power through wind, solar, hydrogen, or other renewable energy sources. "It would essen-

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tially be a building with no net energy input from the utility," says Carmody. While Carmody notes that such buildings are still far in the future, taking steps like using high-performance windows in buildings today can help create more efficient buildings.

Associate Professor Greg Cuomo at the University of Minnesota-Morris, where he heads the West Central Research and Outreach Center, says that one of his goals is to turn the campus into a demonstration center and resource for rural communities interested in renewable sources of energy. "What we're trying to do is take the resources that are available to us in west central Minnesota and turn them into an economic advantage for the area," says Cuomo. One of those plentiful natural resources on the prairie is wind. By spring 2005, Cuomo says, the campus hopes to have two 950-kilowatt wind turbines installed on campus to generate power.

Davidson says that IREE funding has already helped make the University more competitive for national research funds. "Competition for Department of Energy funds is fierce because they don't have that much money. It's very, very competitive to get research funds," says Davidson. "Right now IREE has provided us with enough funds for two additional graduate students. It's really enhanced the educational possibilities in this area."

POLICY, ECONOMICS, AND ECOSYSTEMS

The most fundamental question asked about any source of energy is: "Yeah, but how much does it cost?" Currently, traditional forms of power, such as from coal and oil, are much cheaper to produce than alternative forms of energy. Regents' Professor David Tilman of the Department of Ecology, Evolution, and Behavior argues, however, that the energy source that costs the least might not be the cheapest for society in the long run.

"Right now when you buy electricity for your home, you pay a price that reflects the price of producing the products. We look at the benefits of energy production, but we don't look at the various environmental costs," says Tilman. "The main appeal of renewable energy is that it can eliminate many of these costs."

But Tilman cautions against jumping

too far ahead with renewable sources of energy. "We know that we can grow corn and we know that we can convert corn into ethanol. These things are positive, but then you have to ask some other questions. Of all the crops that farmers grow, the crop that leads to the greatest ground water pollution is corn." Another issue: how much energy must be expended to harvest the ethanol? Tilman says that various studies have reached different conclusions. Some suggest that producing ethanol actually results in a slight net loss of energy while other research has suggested a gain of as much as 30 percent.

"It's a lot of work just to gain 30 percent. If there's a 300 percent gain with soybeans, maybe soybeans are a wiser approach. If we try to quantify all the costs and benefits, where do we come out?" Tilman asks rhetorically. "Wind energy is one where the environmental costs seem pretty minor, but these are just preliminary thoughts. We don't know what we're going to find. We know right now, given current market conditions, the cheapest way to produce energy is not with wind energy or biomass."

Tilman—whose research takes a broad view of total costs, including production and environmental—is working in conjunction with Professor Steve Polasky in the Department of Applied Economics. "It's not strictly economics, but it's a combination of economics and ecology," Polasky says. "It's hard to make some of the environmental consequences as tangible as some of the bottom-line consequences that show up in people's pocketbooks. That doesn't mean the environmental consequences are any less real."

The policy, economics, and ecosystems cluster is the conscience, of sorts, of the IREE. Tilman and Polasky's research is shaping and informing broad discussions on policies that affect all of the research clusters. "What we're trying to do is find out, 'What is a wise path for society to follow?' We have to ask, 'What are the long-term effects of one kind of fuel versus another?'" says Tilman.

"We're trying to help society have the information needed to make the wisest possible choices."

Burl Gilyard (B.A. '92) is a Minneapolis freelance writer.

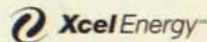


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Hearts of Darkness

The Center for Holocaust and Genocide Studies at the University employs history, storytelling, and art to shed light on the darkest events in human history.

Sabina Zimering

is not what most would consider a commanding presence. These days, the life of the white-haired, soft-spoken retiree quietly revolves around her children and grandchildren.

But there is more to Zimering than meets the eye. Milan Kundera once said that the history of the modern world is the story of the struggle of memory against forgetting. Zimering, a Polish Jew, is both witness to that struggle and living proof that, at least some of the time, memory triumphs.

This spring, the Great American History Theatre produced the world premiere of *Hiding in the Open*, an adaptation of Zimering's memoir of the same name. Opening to rapturous praise from critics and audiences alike, the script tells the improbable story of how Zimering and her younger sister managed to escape the Holocaust by posing as Catholics—a feat made possible by the fact that, in prewar Poland, all public school students were required to study Catholicism. Escaping from the ghetto in their hometown of Piotrkow the very night the Nazis moved in to deport all the Jews to the death camps, Zimering and her sister made their way to Germany itself, where they managed to survive as “volunteer” laborers right in the heart of Hitler's Reich.

While her book and the play adapted from it tell her story through print and performance, Zimering travels to schools, community centers, colleges, retirement homes, and elsewhere, relating her harrowing tale of deception and survival. Speaking recently to gatherings at an alternative high school at Dakota Technical College and at Hill-Murray High School, she received what one observer describes as “overwhelming response” with “awestruck” students glued to their seats and school officials thrilled to see their charges so raptly attentive. In response to her appearance, the principal at the alternative high school has gone so far as to arrange a field trip next fall to Washington, D.C., which will include a visit to the Holocaust Museum.

“This is a completely new world for me, but very rewarding,” says Zimering, who, after emigrating to the United States, spent much of her career as an ophthalmologist working with student health services at the University. She confesses that she was unable to talk about her experiences to anyone for a long time after the war ended—although she survived, other family members and virtually everyone she'd known growing up did not. Now, though, she realizes that what she has to say is not rewarding only for her.

“To high school students, the history of 50 or 60 years ago is not much different from 600 years ago,” she says. “But when a survivor comes and tells their story, it's completely different. It makes an impact for a person to come that they can see and talk to.”

By Richard Broderick
Photographs by Mark Luinenburg



Zimering's visits to high schools and college classrooms are arranged through the University of Minnesota's Center for Holocaust and Genocide Studies (CHGS), a cross-disciplinary unit with a unique approach that weaves together scholarship, community outreach, and art to explore the darkest reaches of human experiences. This blend of scholarship, storytelling, and art reflects the vision of the center's director, Stephen Feinstein, who came to the University from the University of Wisconsin-River Falls, where he'd been the chair of the history department.

Founded in 1997 with money from an anonymous donor, CHGS offers a wide-ranging curriculum of classes on the Holocaust as well as the genocides in Turkey, East Asia, Central Africa, the former Yugoslavia, and elsewhere. But its reach is much broader than that—amazingly so, given the center's brief history. It also sponsors major art exhibits, such as "Coexistence," a traveling exhibition of poster art initiated by Jerusalem's Museum on the Seam (see page 34); brings Holocaust survivors

"To high school students, the history of 50 or 60 years ago is not much different from 600 years ago," says Sabina Zimering. "But when a survivor comes and tells their story, it's completely different. It makes an impact for a person to come that they can see and talk to."

like Zimering to the community (her memoir was also the subject of a class taught at the CHGS); conducts conferences; presents guest speakers like Pulitzer Prize winner Samantha Power, author of *A Problem from Hell: America and the Age of Genocide*; and offers training and curriculum materials for use in high schools and middle schools. One of the center's new offerings is six "teaching trunks" containing books, videotapes, posters, and curriculum guides loaned by the center to participating schools.

Instead of establishing a separate department, the University decided to organize its new program as a center located within the History Department, an arrangement that, Feinstein explains, avoids the possibility of overspecialization. Although small—the center's faculty consists of Feinstein and a handful of adjunct professors—the goal of the center is, he says, "to think out of the box about how we create programs that are of interest to scholars and the public, to engage in research, and to gain prominence for the University by having an active public dimension in this area."

From the beginning, the center has drawn extensively from the Twin Cities' unusually large number of Holocaust survivors—about 150 individuals in all when the center opened its doors seven years ago. But its growing renown in the field of Holocaust and genocide studies owes a lot to Feinstein's enthusiasm for scholarship that examines and compares characteristics common to all episodes of genocide (to some, the Holocaust is seen as a unique event, standing outside of history) and his determination to weave the arts—literary, visual, and cinematic—into the mix of offerings.

"You could have a center like this without including art, but it wouldn't be complete," argues Feinstein, who has a background in art history and has studied the underground art of the Soviet Union. "There are people out there who think only straight history is worth studying—no literature or other works of imagination. There are some who even think that survivor testimony is of no value."

But art, he observes, adds multiple dimensions critical to coming to grips, if that is possible, with the worst of human behavior. Among the millions killed by the Nazis—as well as the millions killed by the Turks, the Khmer Rouge, and the Hutu—were musicians and artists and writers and filmmakers as well as "ordinary" people. Just as important, art—even mediocre art—has the power to engage a much wider audience than scholarship ever could. "*Schindler's List* is not the best movie about the Holocaust, but it got the message out to millions of

EXIT



people," Feinstein says. "More than I could possibly reach."

"The fact that the center is initiating bringing the 'Coexistence' exhibit to the Twin Cities is a testimony to what Steve's perspective enables him to add to this community," says Rabbi Joseph Edelheit, the director of St. Cloud State's court-mandated Jewish studies program and creator of the CHGS's class in post-Holocaust theology. "My experience with other institutions that offer Holocaust studies makes it clear to me that this center is unique. Steve's an internationally recognized art historian. He's not bringing untested theories to his role. His maturity allows him to provide the center with seasoned leadership."

Like other faculty associated with the center, Edelheit was drawn to CHGS through his personal connections to Feinstein but has remained involved with the center because of Feinstein's

"You could have a center like this without including art, but it wouldn't be complete," says Stephen Feinstein. "There are people out there who think only straight history is worth studying—no literature or other works of imagination. There are some who even think that survivor testimony is of no value."

demonstrated willingness to think "outside the box." When Feinstein invited Edelheit to teach at the center, Edelheit responded that the only class he wanted to teach would deal with theology.

"I asked, 'Is that a problem at a public university?'" Edelheit recalls. Feinstein assured him it was not, so Edelheit, who counts 27 members of his extended family lost to Hitler's diabolism and has the distinction of having been the first rabbi to earn a doctorate in Christian theology, created a course in post-Holocaust theology, which includes the works of both Christian and Jewish thinkers.

"I go into this class not with merely my academic credentials, but more passionately my rabbinical credentials and my desire to create interfaith dialogue," Edelheit says. "My goal is to model the commitment to dialogue."

The center's willingness to break new ground is also what brought Patricia Baer, a professor of English at Gustavus Adolphus in St. Peter, Minnesota, to the University in 2001 to teach a course titled "Women in the Holocaust: Gender, Memory, Representation."

As with other instructors working with the center, Baer has found that her class draws a broad variety of students, attracting both undergraduate and graduate students from Jewish studies and women's studies, but also history, education, nursing, political science, Spanish, and art, as well as members of the broader community—including a student who works with a shelter for battered women. Baer's classes have included both Christians and Jews. What's more, each time she's taught the course, Baer reports, she's also had students from Germany enrolled.

"That's made for an interesting dimension to our discussions," she says. "For Jewish students, I think many times they have had a member of their family who is a survivor or know of family members who died and now have a particular interest in how these events affected women. International students often want to know how Americans look at this event and how that view differs from what they are taught in a place like Germany."

"Stephen is really quite extraordinary in his foresight," she says. "At the time I first offered this course, there were only five or six similar courses in the United States. Holocaust studies have been slow to embrace the insights of feminist studies. There are complicated reasons for that, like the hegemony male historians have had in the field who often feel that a feminist approach trivializes the issue." Some scholars and survivors, she says, also feel that a focus on gender issues threatens to minimize "the racial basis for the Holocaust."

Meanwhile, for Taner Akcam, a visiting history professor who teaches courses on the Turkish genocide of the Armenians in 1915 and the rise of nationalism in the Middle East, it is precisely the

center's willingness to compare acts of genocide that constitutes one of its principal values.

"This is something that has been lacking," says Akcam, an ethnic Turk who was the subject of a recent *New York Times* article detailing the outrage his work on the Armenian genocide has elicited from the Turkish government, which continues to deny any such event took place. "For the most part each genocide scholar deals with his or her own specialty. This helps bring us out of the shadows."

The term *crimes against humanity* first appeared only in 1915 in response to the Turkish killing of Armenians and the then-novel German policy of unrestricted submarine warfare, and the word *genocide*, which specifically refers to the intentional mass killing of a particular people or ethnic group, was not coined until 1943 (by Rafael Lemkin, a Polish Jewish lawyer). But genocide, along with the invention of weapons of mass destruction, could be considered the signature experience of the past 100 years of human history.

But why should this be so? What is it about global conditions that made the 20th, and now, it seems all but certain, the 21st century, an epoch so rife with a lust for extermination?

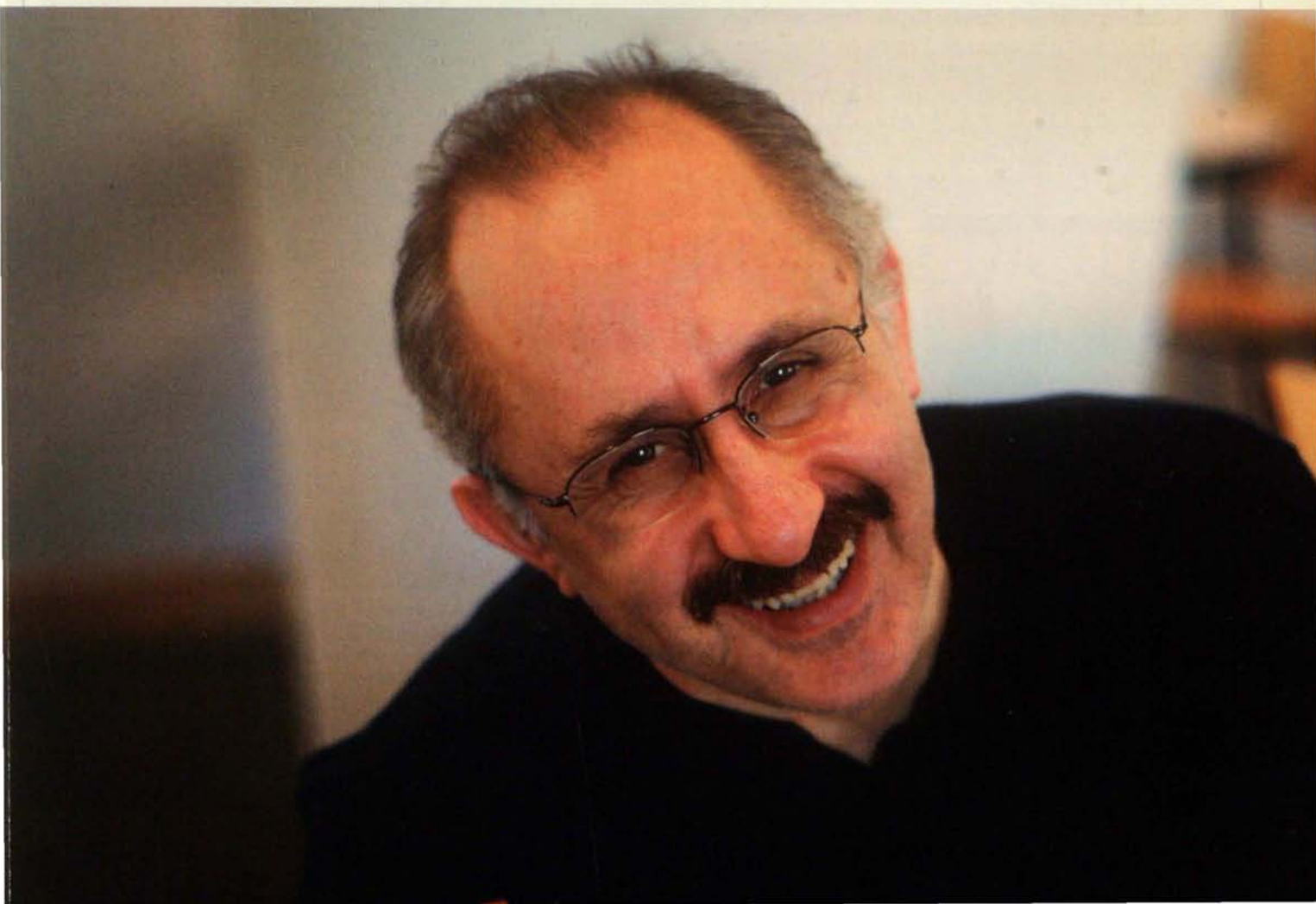
Not surprisingly, there aren't any easy answers. But if one examines the mass killings of the recent past, as the scholars and students at the Center for Holocaust and Genocide Studies do, cer-

"The idea of the nation state is a very homogenous group living within a defined territory," says Taner Akcam. "In a polyglot empire like the Ottoman Empire, where 10 different ethnic groups might be living together in the same village, the rise of nationalism created hostility and the basis of ethnic cleansing."

tain patterns begin to appear, not so much in the modus operandi of the killings—gas chambers in the Reich, machetes in Rwanda—but in the ethnic, national, and international circumstances that militate in favor of genocide. The conclusions that can be drawn from this study are not hopeful: The same toxic mix of forces that triggered the murder of more than a million Armenians nearly a century ago are still at large in the global arena.

"In order to understand the killing of the Armenians, you have to understand the emergence of the different nations within the context of the demise of the Ottoman Empire," explains Akcam. "The idea of the nation state is a very homogenous group living within a defined territory. In a polyglot empire like the Ottoman Empire, where 10 different ethnic groups might be living together in the same village, the rise of nationalism created hostility and the basis of ethnic cleansing."

Similar forces were at work, Akcam points out, in the former Yugoslavian Republic when it was disintegrating during the period following Tito's death, in the Kashmir and large swaths of



Africa and East Asia as well, all but ensuring future outbreaks of genocide.

The rise of Hitler, it should be added, took place against a backdrop of what Feinstein calls "a template" of the collapsing empire/rising nationalism scenario described by his colleague Akcam. Fueling the downward spiral into genocide was a mix of pseudo-scientific theories about "race" and a fundamental misapprehension of Darwin's survival of the fittest—and its deadly misapplication to human beings.

The fact that similar forces, from the post-colonial hangover that continues to afflict much of the Middle East to the rise of fundamentalism as a 21st-century version of extreme nationalis-

tic or racial ideologies, are still at work in the world today makes the work of the center all that more relevant—and urgent. Memory's struggle against forgetting goes on.

"We need to be talking about how to prevent genocide from happening in the future," says Feinstein. "We need to create an early warning system to predict the outbreak of these kinds of events that doesn't trample on national sovereignty.

"That's one issue," he continues. "The other issue is that we must study these events as a facet of humanity on the presumption that, by doing so, we can learn something from it." ■

Richard Broderick is a St. Paul freelance writer.

"Coexistence" in the Twin Cities

In an effort to promote worldwide peace, the Museum on the Seam in Jerusalem launched "Coexistence," a traveling art exhibit, in 2001. After a month at the Old City walls, "Coexistence" traveled on to Belfast, Sarajevo, Berlin, and Cape Town—cities scarred by deep divisions between groups of people and the crimes and atrocities they commit. But the giant posters—artists' striking depictions of peace and unity, fear and intolerance—coexisted nicely with the crowds of viewers.

Earlier this year, as the exhibit left Miami (the first of 13 U.S. cities it will visit), curator Raphie Etgar said that he thought stopping in serene St. Petersburg might be a waste of time. But one night, just before the grand opening for the St. Petersburg show, vandals slashed and painted racial epithets across almost all of the images. Event organizers were shocked and saddened, but they decided to leave the vandals' hate crime on display to underscore the

need for just such an exhibit. Indeed, St. Petersburg's "Coexistence" show has arguably spurred more dialogue in that Florida city and beyond about hate and intolerance than it would have otherwise.

Thanks to the University's Center for Holocaust and Genocide Studies and

the College of Liberal Arts, "Coexistence" travels to the Twin Cities in May. Artists from 19 countries contributed work for the 38 giant posters that measure 9 by 15 feet and are mounted 7 feet off the ground. Each image is accompanied by a text panel in English, French, German, and Spanish. For the Twin Cities exhibit, Hmong and Somali will be added.

"Coexistence" will be shown on the Hennepin County Government Center Plaza in Minneapolis May 1 through June 12 and in Rice Park in St. Paul June 14 through July 6.

For more information about the "Coexistence" exhibition visit www.coexistence.art.museum. For information on related events, visit www.chgs.umn.edu.

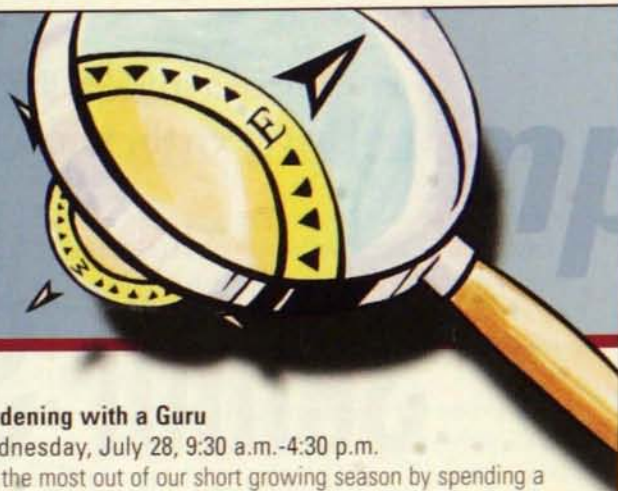


Artwork by Asim Abu Shakra of Israel (top); Cedomir Kostovic of Poland (left); and, in Berlin, by Lejla Bulja of Bosnia (bottom left) and Yossi Lemel of Israel. The "Coexistence" exhibit of 39 posters, each measuring 9 by 15 feet, will be shown on the Hennepin County Government Center Plaza in Minneapolis through June 12 and in Rice Park in St. Paul June 14 through July 6.



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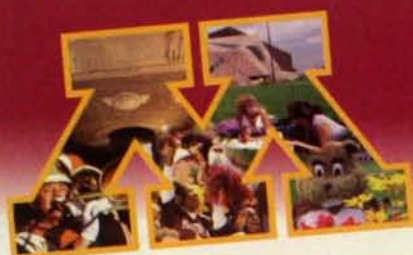
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The life of a student athlete is a constant balancing act between the demands of high-level competition and high-level academics.

These four Gophers have excelled at both.

Senior Standouts

CASSIE BUSSE: All-American Adapter

Cassie Busse's high school class at Prior Lake (Minnesota) Christian School had only seven students, but she adapted to the vibrant bustle at the University of Minnesota. With only a couple years of club volleyball experience, her skills were unpolished, but she adapted to Big Ten volleyball. As her game improved, opponents began to double- and triple-team her at the net, and she adapted again, racking up impressive stats and gaining the respect of rivals.

But when the Gophers, ranked sixth in the nation in a 2003 preseason poll, lost their first four games and began a month-long free fall right out of the top 20, Cassie Busse wasn't about to adapt. In the locker room after a disappointing road loss, Busse thought about how hard she'd worked and how much she wanted good memories of her last season as a Gopher. She realized she had to say something.

"She was the one who spoke up," says head volleyball coach Mike Hebert. "She quietly said, 'This is my senior year, and I'm not going to let this happen.'"

"I became a more verbal leader than in previous years," Busse says. "That moment in the locker room, in a way, marked the beginning of that type of leadership for me."

The team won the next match. And the next. And then it won eight more matches before losing. The Gophers finished 15-5 in the conference (22-10 overall) and tied for second in the Big Ten. They roared through the opening rounds of NCAA tournament play, then upset Pepperdine and Washington and found themselves in the Final Four facing unbeaten juggernaut University of Southern California. The Women of Troy beat Minnesota and went on to claim the NCAA title, but not before Busse recorded 23 kills against them.

The Gophers might have surprised a lot of people by advancing so deeply in the tournament, but Busse kept the faith. "I knew the team was capable of getting to this point,"

Busse says. "Everyone completely dedicated themselves and became team players. We learned to trust one another."

Postseason recognition for Busse, a 6-foot-2 hitter, came almost at the speed that her jump serve hurtles across the net: Pacific Region Most Outstanding Player, Big Ten Player of the Year, First Team All-American. "She was our go-to player," says Hebert. "She delivered over and over again."

Yet for Busse, one of the most satisfying accomplishments was keeping her focus on academics. When the Final Four and final exams fell on the same week, Busse was torn. "Doing well on my finals was very important to me and also doing well in the Final Four was a high priority. I can't go onto the court and give only 80 percent. Neither can I study for a test and only give a half effort at it," she says. Busse succeeded on her final exams, becoming the first Gopher volleyball player to earn first-team academic all-American honors.

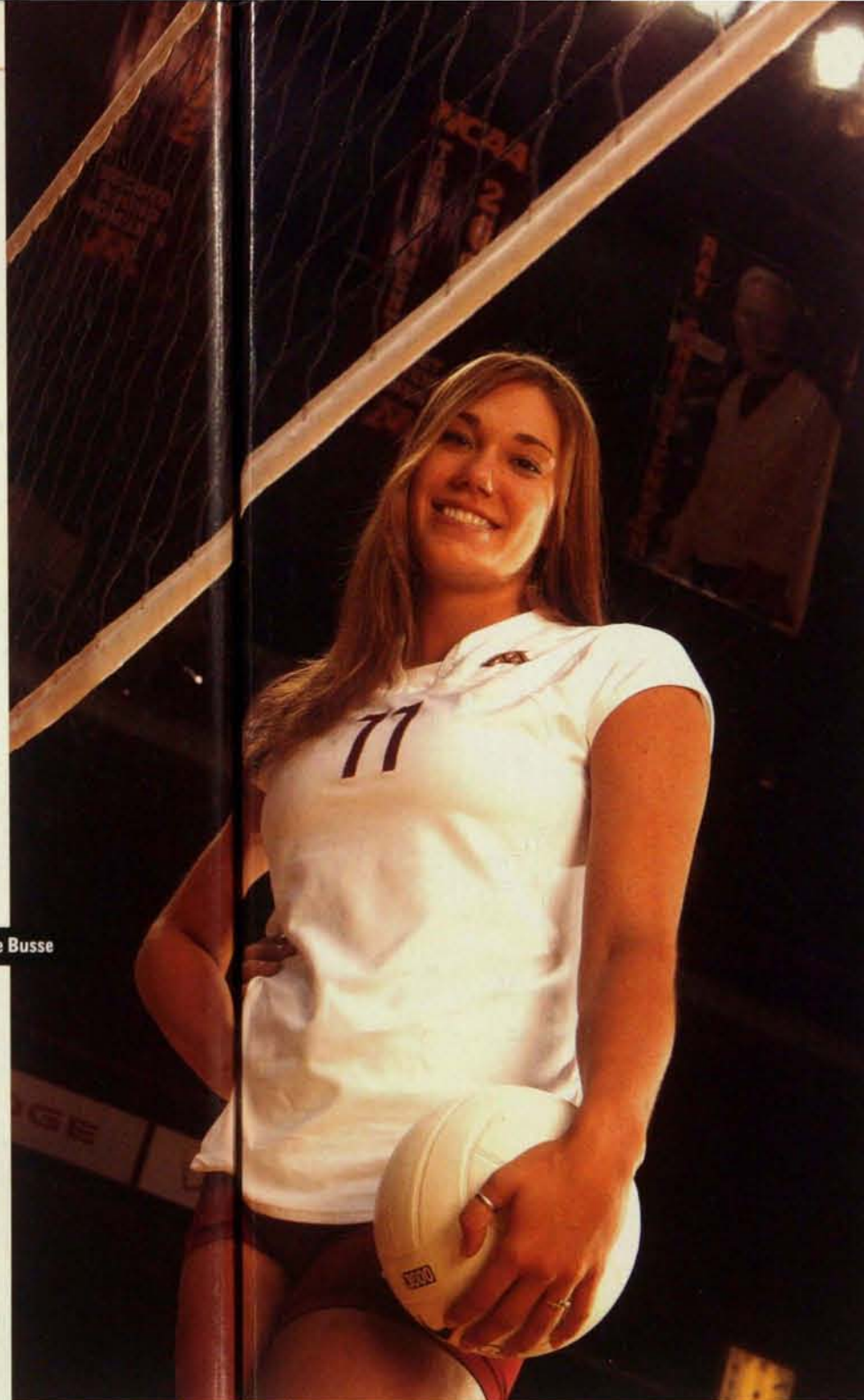
After savoring the season, Busse took on her next challenge—playing professionally in Puerto Rico this past winter. "If you'd have told me four years ago that I would be playing professional volleyball in Puerto Rico, I would have laughed so hard," she says.

She might marvel at how far she's come, but Busse almost didn't play for the Gophers at all. Maurice Batie, a Junior Olympic coach and an assistant coach at Minnesota, encouraged Busse to come to the University of Minnesota. But he died of a heart ailment just a few months before she was to

arrive on campus. "I doubted myself a lot," Busse says. "Maurice never doubted me once. I trusted him—even though he was no longer physically with me—and decided to keep my commitment to come to the U. In both volleyball and academics, whenever I began to doubt myself, I always remembered Mo's words and they pushed me to not give up."

A family social science major, Busse eventually would like to work with an adoption agency. But first, she plans to return to her pro team next winter after finishing her degree in the fall.

Not surprisingly, she's adapting well to Puerto Rico.



Cassie Busse

JUSTIN SMITH: Relishing the Pressure

Justin Smith just seemed destined to come to Minnesota. The Moon Township, Pennsylvania, native won his state's prep golf title, and yet wasn't recruited by any other Division I school. "I watched his play and offered him a scholarship straight away," says Gopher coach Brad James. "He is the real deal."

Nicknamed "Bull" for his intense approach on the course, Smith meets pressure situations head-on. "Mentally, he is so strong," James says. "Last year in North Carolina [at the Landfall Tradition tournament], we were one shot behind. I said, 'Justin, you have to make this birdie for us to win,' and he did. Most kids don't want to know that. He wants to know."



Justin Smith

Smith likes the pressure. "In golf, you're out there on your own. There's no one to sub in for you," he explains. "Golf just draws me in because of that."

In two seasons, Smith dropped more than two strokes from his average, going from 74.97 as a freshman to a 72.73 last year. During his sophomore season, he helped the Gophers win the NCAA championship by finishing fourth in that tournament after winning the regional tournament. As a junior, he was Minnesota's top finisher at the national tournament, earned first-team all-Big Ten honors, and won another tournament. This fall he led the team to three titles in its four tour-

GOPHER
SPORTS

By Robyn Dochterman | Photographs by Dan Marshall

naments, winning two individual medals himself while averaging an impressive 71.0 over 12 rounds.

Smith took two big steps for his senior year, one for himself and one for the team. To improve his golf swing, he consulted a nutritionist, then lost 15 pounds. To help the team,

Smith stepped into a leadership role, offering his experience to younger players. James calls him an ideal leader, in part because of his confidence. "Once he says something, he gets it done. He backs up everything he says and he wants people to follow him. When we won nationals, he told everyone to jump on his back

because they were going for a ride."

As intense as he is on the course, Smith turns into easy-going Justin once he hangs up his spikes for the day. He jokes with teammates, goes out with friends, and delves deeply into the discography of rocker Dave Matthews with teammate David Morgan, another devoted fan. Smith says that enjoying the "life of a college kid" helps him devote his full attention to the game when he does tee up. "The way I prepare for a tournament is different," he explains. "I like to get away from golf when I get a chance."

Smith, who combined his interests in business, sports management, and communications to create an inter-college major, has set his sights on joining the PGA tour after college. "I've proven to myself I can succeed if I work hard," Smith says. "Golf is what I want to do in my life. All my life."

GOPHER SPORTS

ALEAN FRAWLEY: Giving 100 Percent

Alean Frawley does everything all out, even making peanut-butter-and-jelly sandwiches. Last fall, she and several track-and-field teammates spread enough creamy peanut butter and grape jelly to make 150 sandwiches. Then they took their creations to a homeless shelter and gave them away. "I want to touch people's lives in a positive way," Frawley says. "We got to talk for a while to people and hear about their lives. It was a taste of what life is like outside our University bubble."

The senior from Spring Lake Park, Minnesota, plans to help people through a career in osteopathic medicine. Because of an accident that injured her father before she was born, Frawley has had an interest in medicine for as long as she can remember. A biology major who has earned academic all-Big Ten honors, Frawley applies herself 100 percent to everything, even carrying her classroom work into her shot put, hammer throw, and weight throw events. "Physics was probably my hardest class, but I could see some of what I was doing on paper coming out in my throws. It was all the laws of motion and rotation," Frawley says.

"She's a student of the events," says throws coach Lynne Anderson. "It's kind of an art form for her." Of course, it doesn't hurt that Frawley is strong even for her 6-foot-2 height, that she's worked very hard in the weight room, or that she under-



Alean Frawley

stands the technique involved in throwing weights long distances, Anderson adds.

Although choosing a career path has been straightforward, Frawley's track-and-field career has been anything but. Ruptured disks in her back have plagued her—healing enough for performances that hint at her immense talent, then suddenly rearing up to keep her from achieving that potential. Last year, she set a Gopher school record in the shot put with a throw of 53 feet, 5 inches in early May, but missed the Big Ten and NCAA meets because she aggravated the injury.

Injuries aren't the only challenge Frawley has had to work through. In November 2002, her father died suddenly. An only child, Frawley had no siblings to turn to for support, so she turned to her extended family—her track-and-field teammates—and to her faith to get through the shock. "It was really hard," Frawley says. "But God gave me a great support system. My team was great, and I learned how important it is to have people around you who support you."

As Frawley's final outdoor track season unfolds, the medical-school hopeful feels the pressure to make her mark in Gopher track history. She believes she has the talent to qualify for the U.S. Olympic trials later this summer, but first must build her confidence—without reinjuring her back—at the Big Ten meet. "Right now, I need to throw farther," she says. "But it will happen this year."

ALEKSEY ZHARINOV: From Siberia, with Pizza

For most students, pizza is as much a part of college life as laptops and late-night study sessions. For Gopher tennis player Aleksey Zharinov, pizza is also part of an unusual cultural bridge between his hometown of Novosibirsk, Russia, and the University of Minnesota. A rising tennis star

average his first semester and has landed on the academic all-Big Ten team twice.

Easygoing and friendly, Zharinov has also enjoyed the ready-made community on the men's tennis team. The weather felt familiar too. "When I heard it was cold, I didn't think



Aleksey Zharinov

in Novosibirsk, a city of 1.5 million, Zharinov won the City Open tournament five times as a teenager. He caught the attention of Eric Shogren, a Minneapolis native who owns a chain of pizza restaurants in the Siberian capital.

Shogren and his brother in Minneapolis, Mike Shogren, decided to help Zharinov get a shot at playing professional tennis. They flew him to Minneapolis, where several people, including Gopher coach David Geatz watched him play. Geatz was impressed. "Some people pick up a racquet and it's like a two-by-four. Aleksey picks up a racquet and it's a Stradivarius," he says. "He's very fast on the court. He doesn't slap at the ball. He competes hard for every point."

Geatz offered the 19-year-old an athletic scholarship, and the Shogren brothers helped convince Zharinov that a chance to get a college degree and hone his tennis skills was too good to pass up. Initially he figured he'd play perhaps a year and then turn pro, but Zharinov finds college tennis "interesting" and has enjoyed his studies. He's done so well in school that the sports management major earned a 4.0 grade point

it would be as cold as Siberia," Zharinov says.

On the court, Zharinov had a 9-1 record in Big Ten play last year and led the team in overall, dual meet, and conference wins while playing the opposing team's top singles player. He was ranked 52nd in the nation and was named to the all-Big Ten team in both his sophomore and junior years. As a senior he is working on changing his game from that of a reactive "counter-puncher" to a more attacking and aggressive style that would be more suited to professional tennis.

Although he hasn't been able to see his parents since leaving Russia, Zharinov talks to them occasionally by phone. And the door is always open at mentor Mike Shogren's home, where he visits for holiday meals and plays with Shogren's children. "With Aleksey, I'm there to be someone to talk to, someone who will encourage him," Shogren says. "Our interest is not in benefiting financially. If you look at people in Minnesota, [helping others] is what those people do." ■

Robyn Dochterman is a Minneapolis writer and editor.

SPORTS NOTEBOOK

They're Number One

A hockey national championship resides on the Twin Cities campus for the third consecutive year. This time the Gopher women's team took the crown, beating Dartmouth 5-1 and Harvard 6-2 at the NCAA Frozen Four. Earlier, the Gophers won the WCHA title over defending national champion University of Minnesota, Duluth.

In both Frozen Four games, the Gophers fell behind early, tied the games, then broke open the contests with four unanswered goals in the third periods. The Gophers' top line—sophomores Krissy Wendell of Brooklyn Park, Minnesota, and Natalie Darwitz of Eagan, Minnesota, and junior Kelly Stephens of Shoreline, Washington—scored all those goals. "They're good to send over the boards when you need a goal," head coach Laura Halldorson said after the championship. The trio was named to the NCAA all-tournament team, along with junior goaltender Jody Horak of Blaine, Minnesota, and sophomore defender Allie Sanchez of St. Paul.

This was Minnesota's third consecutive trip to the NCAA Frozen Four, but the first time the team reached the final. (Minnesota won the 2000 American Women's College Hockey Alliance championship, the year before the NCAA began holding a tournament.) The Gophers were ranked as the top team early in the season, but lost Darwitz to an elbow injury and a top defender to academic troubles in the middle of the season. Darwitz returned,



however, to help Minnesota reclaim the top spot in both national polls. "It makes the championship very meaningful to know that we have had a lot of ups and downs," said Halldorson, who was named national coach of the year for the third time. "Through that adversity, we learned how to respond, and that came in handy this weekend."

The chance to pose with the NCAA championship trophy came Minnesota's way in March. The Gophers have reached the NCAA Frozen Four in each of the past three years.

A Legend Retires



Jean Freeman (B.A. '73), who coached the Gopher women's swimming and diving team for 31 seasons, will retire June 30. Although she had 28 winning seasons in those 31 years, her greatest success came near the end. Her squads won Big Ten titles in both 1999 and 2000. She also coached two individual national champions, an American record holder, and 58 athletes who earned a total of 203 all-American citations.

Jean Freeman talked with one of her swimmers at her final Big Ten meet in March. After 31 years as head coach, she retires in June.

But despite the accolades (she is already in the Minnesota Women's Athletics Hall of Fame and is the only woman in the country to receive the National Collegiate and Scholastic Swimming Trophy), Freeman says helping mold young people mentally and physically was the most rewarding. "Sport is an awesome mix of those attributes," she says. "Being at the college level, blending the student with the athlete at a high level, made it even more rewarding." This year's squad had 21 academic all-Big Ten team members.

Freeman will most miss "being around people who are so passionate about what they do—coaches, administrators, and the student athletes," she says. "You don't find this in the normal workplace, this kind of passion. There is not one day I've ever been bored."

Return of the Champ

Damion Hahn ended his Gopher career in March as Minnesota's most decorated wrestler in history. In March, Hahn became the third Gopher to win two NCAA wrestling titles and the fourth to earn four all-American honors. He is the only Gopher wrestler to accomplish both feats.



Final Four Curtain Call

It seemed unthinkable back on February 12 that the Gopher women's basketball team would have much post-season success. When senior all-American Lindsay Whalen walked off the court at Ohio State that night with a broken right hand, the Gophers were already in the midst of losing for the fourth time in seven games. Without Whalen they dropped three of their next six contests. Once a national top-10 team, Minnesota earned only a number-seven seed (meaning that at least 24 teams were regarded as better) in their NCAA tournament region.



All-Americans Lindsay Whalen (13) and Janel McCarville watched the seconds tick down at the end of their 82-75 win over Duke, earning Minnesota's first-ever trip to the NCAA Final Four.

But the skies began to clear with word that Whalen would be able to play in the first-round game against UCLA. In perhaps the most amazing performance of her amazing career, the Gophers' all-time leading scorer poured in 31 points, including 12 in the last 1:40, as Minnesota pulled away to win what had been a tight contest 92-81.

Minnesota then blew out the top three seeds in the region, number-two Kansas State (80-61), number-three Boston College (76-63), and number-one Duke (82-75), to reach its first-ever Final Four. Whalen had 27 points against Duke, but the three upset wins were all team efforts. All-American center Janel McCarville, a junior from Stevens Point, Wisconsin, averaged 20 points and 17 rebounds in those three games and ended up with an NCAA tournament record 75 rebounds in five games. The other three starters—senior Kadidja Andersson of Stockholm, Sweden, and sophomores Shannon Schonrock of Winnebago, Minnesota, and Shannon Bolden of Marshall, Minnesota—scored 10 or more points two or three times each in those four games.

Against Connecticut, Minnesota could only hang close, falling 65-58. "I think we showed we belong here," second-year head coach Pam Borton said after the game. Connecticut beat Tennessee in the next game to win their

third consecutive NCAA title.

The season was the culmination of a four-year turnaround. After going 8-20 in Whalen's freshman season, the program's eighth consecutive losing season, Minnesota won 72 of their 95 games over the last three years, including going 25-9 this season, and made it deeper into the NCAA tournament each season. "It was a lot of fun," Whalen said after the Connecticut game. "We definitely have a lot to be proud of, from where we came from to where we are now."

Minnesota Magazine Fiction Contest



Our sixth-annual fiction contest is open to all U of M alumni.

How to enter:

- Submit a double-spaced, typed manuscript, 2,500 words or fewer. Submissions must not have been previously published. Past winners of this contest must wait two years before entering again.
- Include a cover sheet that bears your name, year of graduation (or years of attending the University), phone number, address, story title, and word count of the manuscript. To ensure anonymity, please do not put your name on the manuscript itself. Each manuscript and its accompanying letter will be coded and separated before manuscripts are judged.
- If you would like your manuscript returned, please include a self-addressed, stamped envelope. Manuscripts whose envelopes do not bear proper postage will not be returned.

The winner will receive a cash prize, and the winning story will be published in the March-April 2005 issue of *Minnesota* magazine.

Send submissions by December 6, 2004, to:
Minnesota Magazine Fiction Contest
U of M Alumni Association
McNamara Alumni Center
200 Oak St. SE, Suite 200
Minneapolis, MN 55455-2040

No phone calls, please.

In Memoriam

Although not an athlete, for thousands of Gopher football fans, Jim Mitchell was a star. The former drum major (1966-71) volunteered with the band, helping each subsequent drum major work on style and showmanship. He also sang the national anthem and "Hail! Minnesota" at most home football games through last fall. Mitchell passed away March 17 at age 59 of heart failure.



Saluting Great Teachers

Excellent teachers change students' lives, leading them to new insights and possibilities they never imagined. Recognizing that great teaching is the single most influential aspect in creating great alumni, the UMAA sponsors the annual Distinguished Teaching Awards, the U's highest honor for its exceptional teaching professors.

The awards include a salary stipend, a monetary award to the recipient's department, and a five-year term in the Academy of Distinguished Teachers, a body that works to promote great teaching at the U.



PHILIP BAIRD

**MORSE-ALUMNI AWARDS
FOR UNDERGRADUATE EDUCATION**

Associate Professor Philip Baird
Natural Resources, Center for Agriculture and
Natural Resources, Crookston campus

"I start all of my classes with a smile. If the students aren't smiling, I make sure they are within the first few minutes, and at least once or twice more during the rest of the class."



PIERANNA GARAVASO

Professor Pieranna Garavaso
Philosophy, Division of Humanities, Morris campus

"I teach because I enjoy learning, and the best way to continue to learn is to be challenged by what students, coming from different backgrounds with different life experiences and individual learning styles, bring to the classroom."



HOWARD MOOERS

Associate Professor Howard Mooers
Geological Sciences, Duluth campus

"Mentoring students in the field and laboratory is where education reaches a higher level. There is no substitute for studying active geologic processes on coral reefs in the Bahamas or strolling over the steaming volcanic landscapes of Iceland."



CLAUDIA NEUHAUSER

Professor Claudia Neuhauser
Ecology, Evolution, and Behavior;
College of Biological Sciences

"I strongly believe that students remember abstract concepts much better if they see them in a context they can relate to. Every concept in my calculus book is introduced with a biological example."



JOHN WATKINS

Professor John Watkins
English, College of Liberal Arts

"I am happiest and most productive in an environment that fosters interdisciplinary encounters. . . . I like teaching Shakespeare to future engineers and dieticians, and Russian novels to undergraduates completing their language requirements in Italian and Ojibwe."



KRISTIN ANDERSON

Professor Kathryn Sikkink
Political Science, College of Liberal Arts

"I believe my students learn more about international relations theory when they are asked to think about how they can or cannot help us explain specific events occurring in the world."



JAMES CAREY

Professor Madelon Sprengnether
English, College of Liberal Arts

"My aim . . . is to set the stage for my students to respond to one another's work in a way that encourages them to see themselves as peers in the process of learning—as well as future leaders in their fields."

**AWARDS FOR CONTRIBUTIONS
TO POSTBACCALAUREATE, GRADUATE,
AND PROFESSIONAL EDUCATION**

Associate Professor Kristin Anderson
Epidemiology, School of Public Health

"My curiosity about and respect for students and ideas helps me as a teacher. A diverse student audience motivates me to use diverse teaching methods."

Associate Professor James Carey
Physical Medicine and Rehabilitation, Medical School

"Development of rational thinking will always be important to learning and discovery, but perhaps even more so is imaginative thinking. In this I hope to further evolve, for myself and for my students."

Associate Professor Susan Galatowitsch
Horticultural Science; College of Agricultural, Food, and
Environmental Sciences

"Graduate education is one of the unique contributions major universities make to society. I believe the extent to which we fulfill that responsibility determines the quality of leadership in many professional realms."

Professor Glenn Giesler
Department of Neuroscience, Medical School

"I have been very fortunate to work with outstanding graduate students and postdoctoral fellows. I have tried to instill in them the joy of doing the quality of scientific research that stands up over the years."

Associate Professor Mats P. E. Heimdahl
Computer Science and Engineering, Institute of Technology

"I always strive to make my students answer the questions: 'How does it work?' 'Why does it work?' and 'Where does it work?' With this knowledge, students are ready to face the challenges of a competitive and rapidly evolving digital world."

Associate Professor Cynthia Peden-McAlpine
School of Nursing

"I strive to create an environment of excitement and fun even as I expect students to assume an active role in their own learning."

Professor Kathryn Sikkink
Political Science, College of Liberal Arts

"I believe my students learn more about international relations theory when they are asked to think about how they can or cannot help us explain specific events occurring in the world."

Professor Madelon Sprengnether
English, College of Liberal Arts

"My aim . . . is to set the stage for my students to respond to one another's work in a way that encourages them to see themselves as peers in the process of learning—as well as future leaders in their fields."



SUSAN GALATOWITSCH



GLENN GIESLER



MATS P. E. HEIMDAHL



CYNTHIA PEDEN-MCALPINE



KATHRYN SIKKINK



MADELON SPRENGNETHER

Rallying the Gopher Women

Shannon Bolden made her way through the crowd at a UMAA pepfest in Norfolk, Virginia, before Minnesota's win over Duke in the NCAA regional final. The UMAA sponsored rallies before each of Minnesota's five NCAA tournament games this year. See page 40 for more on the Gophers' season.



Matching Jobs with Seekers

University of Minnesota Duluth graduate Sherry Williams (B.A. '03) was one of more than 1,500 job-seekers at the 2004 Employment Expo, organized by the UMAA. About 75 major area employers came to the second annual expo, held this year in the Radisson Hotel Metrodome.



Education and Arts at a Discount

New and expanded offerings—and discounts—are available to UMAA members searching for refreshing educational experiences this summer. Day- or weeklong workshops and evening arts presentations from the College of Continuing Education are turning the Twin Cities campus into a thriving arts community during the normally quiet summer months.

A series of Curiosity Camps—daylong explorations of single topics—debut on the Twin Cities campus in late June. Taught by University experts and taking advantage of U facilities, the camps offer presentations, tours, and hands-on experiences.

Topics include:

- Mapping the Life of a City (June 30)
- The Mysterious Agatha Christie (July 13)
- Gardening with a Guru (July 28)
- Consuming Passions: Food and Culture (August 11)

The cost of the camps—described by organizers as one-day “summer camp for adults”—is \$120, but UMAA members receive a \$25 discount. For complete information, visit www.cce.umn.edu/curiosity or call 612-624-4000.

The popular Split Rock Arts Program is moving and expanding its range of offerings. Formerly hosted in Duluth, most of the program's 47 week-long intensive arts workshops taught by master artists and writers are now being offered on the Twin Cities campus. With the building of the Riverbend Commons residence hall and the Regis Center for Art, as well as the renovation of Coffman Memorial Union and the presence of McNeal Hall's fiber arts studios, the Twin Cities campus location is an ideal site for most workshops. For out-of-town participants, the new site makes travel easier, while local participants have the option of living on campus for a week or commuting from home. Access to the vibrant Twin Cities arts scene and varied restaurants is another benefit of relocating the program to the Twin Cities campus.

For those still desiring a northwoods getaway, some of the workshops—with topics in writing, painting, photography, and drawing—are offered at the Cloquet Forestry Center.

UMAA members receive a \$50 discount on the Split Rock course fee and are encouraged to register by telephone to take advantage of the discount. For information about Split Rock, visit www.cce.umn.edu/splitrockarts or call 612-625-8100.

A new offering this summer is a series of five Split Rock Soirées, evening events featuring the program's renowned arts faculty. Visiting writers give readings while master artists show and discuss their work. The events take place Tuesdays from July 13 through August 10 in the Coffman Union Theater. Regular admission is \$7, but UMAA members get in for just \$5.

Friday evenings, a series of lectures and presentations on fiber arts take place at the Goldstein Museum of Design on the St. Paul campus. The “Convergence/Divergence” lectures feature talks and slide presentations by Split Rock fiber artists and are accompanied by an exhibit of their works. Lectures run from July 16 through August 13, while the exhibition runs from June 29 through September 12. Admission to the lectures is \$6. Information on the soirées and fiber arts presentations is also available at www.cce.umn.edu/splitrockarts or by calling 612-625-8100.



Cheng-Khee Chee is among the master artists in the Split Rock Arts Program. UMAA members receive \$50 off the weeklong creative arts seminars, as well as discounts on new summer arts programs.

[BENEFIT SPOTLIGHT]

U of M Golf Course



The Les Bolstad University of Minnesota Golf Course is a hilly, challenging course with strategic water hazards and mature trees. UMAA members receive discounts to play at the centrally located course, one of the best-maintained public courses in the area.

For 75 years, one of the green gems of the University of Minnesota has sat quietly just northwest of the St. Paul campus. The Les Bolstad University of Minnesota Golf Course is one of the most challenging and beautiful courses in the inner Twin Cities, says course manager Chris Korbol. "This is really a well-maintained golf course, certainly the best public course in the immediate area," he says. "But a lot of people don't even realize we're open to the public."

With groves of mature trees, strategic sand and water hazards, and rolling hills along its narrow fairways, the course plays longer

than its advertised 6,100 yards. "It definitely rewards the golfer who can hit it straight over the big hitter," Korbol says. "But when you walk the course, you'd swear you were playing a 6,400- or 6,500-yard course. It gives you quite a variety of things."

Something else a lot of people don't know is that UMAA members enjoy discounts at the course. Members receive \$10 off single rounds on Mondays, making a round of 18 holes just \$15. A season pass for UMAA members is \$1,100, a \$200 discount. Season-pass holders also have priority in scheduling weekend tee times.

Named after legendary U golf coach Les Bolstad, the course has hosted nine Big Ten golf tournaments, most recently the women's tournament in 1999. The women's golf team also hosts an annual invitational tournament in the fall, and many University and alumni groups hold golf fundraisers there every summer.

Bolstad boasts one of the largest driving ranges in the area. With its location between the downtowns, Korbol says he sees numerous people who take a break from work to come over and hit a bucket of balls. The course is located on Larpenteur Avenue in Falcon Heights, just east of Highway 280 between interstates 94 and 35W.

The late-1920s clubhouse, featuring a remodeled pro shop, celebrates its 75th anniversary this year. Weekend reservations can be made the Monday before, while weekday reservations can be made one week in advance. For more information on prices and policies, call the University Golf Course at 612-627-4000 or visit www.uofm.golf.com.

UMAA Calendar

Upcoming alumni events on campus and around the country. For more information, visit www.alumni.umn.edu or call 612-624-2323 or 800-UM-ALUMS (862-5867) and ask to speak to the UMAA staff person listed after the event.

MAY		JUNE		JULY		AUGUST		SEPTEMBER	
21	Medical School Reunion Weekend, multiple times and locations; contact Emily Heagle at 612-624-9161	18-27	Alumni College in Greece; contact Cheryl Jones	24	Puget Sound Chapter at Lavender Fields and Olympic Game Farm, details TBA; contact Mark Allen	24	Portland (Oregon) Chapter Railroads in the Garden, a tour of various gardens and miniature railroad installations, details TBA; contact Mark Allen	24	Natural Resources Alumni & Friends Day, all day at the Cloquet Forestry Center; contact Bill Ganzlin at 612-624-3047
3	COAFES Alumni Society First Thursday Networking Social, details TBA; contact Mary Buschette at 612-624-1745	25	Biological Sciences Alumni Society Annual St. Paul Saints game outing, 7:05 p.m. at Midway Stadium; contact Emily Johnston at 612-624-4770	26	Portland (Oregon) Chapter hike through Tryon Creek State Park, 10:30 a.m.; contact Mark Allen	24	Berlin, Europe's Newest Capital alumni tour; contact Cheryl Jones	27	Dentistry Alumni Society Golf Classic, 8 a.m.-5 p.m. at the Les Bolstad U of M Golf Course; contact Marie Baudek at 612-625-9439
5	Education and Human Development Alumni Society Post Baccalaureate Picnic, 5:30 p.m., location TBA; contact Raleigh Kaminsky at 612-626-1601	29-30	Alumni College in Ireland -Kilkenny; contact Cheryl Jones	29-30	Red Wing Chapter at "The First Excursion: Opening up Settlement on the Mississippi River," a presentation by Frederick L. Johnson, 7 p.m. at the Goodhue County Historical Society; contact Chad Kono	25-31	Passage of Peter the Great alumni cruise; contact Cheryl Jones	29-Aug. 10	Ancient Treasures of China and the Yangtze alumni cruise; contact Cheryl Jones
12	Veterinary Medicine Alumni & Friends Society and College Alumni Reunion, 5 p.m. at the CVM Green Space; contact Stephanie Pommier at 612-624-6146	1	COAFES First Thursday Networking Social at St. Paul Saints game, 7:05 p.m. at Midway Stadium; contact Mary Buschette at 612-624-1745	13	COAFES Golf Scramble, 8 a.m. at the Les Bolstad U of M Golf Course; contact Mary Buschette	22-Oct. 2	Classic Italy, Historic Greece, and the Dalmatian Coast alumni tour; contact Cheryl Jones		
13	Eastcliff Home and Garden Tour with the Southwest Florida Chapter, 3 p.m. at Eastcliff in St. Paul; contact Chad Kono								
14	Edina Chapter at Eastcliff, time TBA; contact Libby Tate								

Exclusive Alumni Wine Available

Uncork 100 years of U of M spirit with exclusive 100th Anniversary UMAA sparkling wine or an exclusive UMAA Collector's Series Wine Portfolio. All wines are from top California vineyards.



The sparkling wine is from Mirabelle by Schramsberg, a multivintage brut. It is described as crisp, fruity, lively, and well-balanced and matches well with shellfish, light appetizers, soups, fish, and pasta dishes. The bottle features a 100th anniversary label

with the UMAA centennial logo.

The first edition of the collector's series includes Honig Winery 2002 sauvignon blanc, Henehan Hills 2001 chardonnay, Blackridge Canyon 2001 pinot noir and merlot, Monticello Vineyards 2000 cabernet sauvignon, and Roshambo 2001 zinfandel.

For pricing and ordering information or for more details on the wines, call 1-888-968-7946 or visit www.signaturewines.com/minnesota.



Sign Up to Support the Stadium

Join the thousands of alumni and friends who have already expressed their support for an on-campus Gopher football stadium by signing up on-line. Signers also will receive occasional e-mail updates on stadium progress.

The more who step forward, the clearer it will be to legislators and major donors alike that the public is behind the idea of bringing Gopher football back to campus. The sign-up is a means only to show support for the stadium; no fund-raising is yet under way. Sign up at www.umn.edu/stadium or follow the link from the UMAA Web site at www.alumni.umn.edu.

National President

Let Me Hear You Shout

I can't recall the last time I was as proud to be a member of the University of Minnesota community as I am right now.

In early spring, the Gopher women's basketball team earned its first-ever Final Four berth when it defeated top-seeded Duke in front of an overwhelming crowd of Minnesota fans who traveled to cheer them on. A week earlier, the women's hockey team brought home a hard-earned and well-deserved national championship, while the men's hockey team served up plenty of thrills as it ascended to the final eight. And I'm still recovering from the Gopher football team's down-to-the-wire Sun Bowl victory this winter.

Playing with pride for their teams, their school, and their fans, these talented student athletes ignited an immensely powerful surge of enthusiasm that spread like wildfire from campus, across the state, and throughout the country. These stellar athletic achievements unite us and make us feel good about who we are and where we come from. They also alert the rest of the world to the fact that the University of Minnesota is a strong, proud, supportive community of high-achieving students, athletes, and alumni. It's a place to be admired.



Jerry Noyce, B.S. '67

So while we're all still bursting with pride, I'd like to make a suggestion: Let's harness this energy and apply it to what I believe is an absolutely critical community-building effort. The state legislature is currently deciding whether to approve the University's proposal to build a new on-campus Gopher football stadium. Trouble is, a pair of our hometown professional sports franchises—the Twins and the Vikings—also have stadium proposals on the table. Those pitches have attracted the lion's share

of headlines, and while we wish the Twins and Vikings well, we can't allow them to consume the majority of our legislators' attention.

For those unfamiliar with the University's proposal, I'll provide a few Xs and Os. The U has submitted to the legislature a plan to build a \$222 million football stadium on campus, adjacent to Mariucci and Williams arenas. The University has offered to cover 60 percent of the total cost through private funding. Conversely, the Twins and Vikings have offered to cover just 30 percent of the costs of their stadiums, which carry much heftier price tags. In other words, an on-campus stadium is a good deal for the people of Minnesota.

Building a Gopher stadium is about more than bringing Gopher football back to campus. It's about building community—providing valuable opportunities for Minnesotans to connect with their university and for today's students to forge an even stronger lifelong connection to their school. We'll gather here not only for football games, but also for commencements, convocations, and homecomings. It'll be our 50,000-seat community center.

Your UMAA national board is committed to making this happen. Last fall, I reported that the board voted unanimously to pledge \$1 million to the University of Minnesota for an on-campus, Gopher-only football stadium and an additional \$500,000 for scholarships. A pledge is a promise on a piece of paper. But earlier this year, the U's administration asked if we would consider releasing \$250,000 of our pledge to help get this project off the ground. In February, the board voted unanimously to do so. Fellow board member Dennis Schulstad (B.A. '66) concisely summed up the spirit of that meeting. "Money talks," he said. "Early money shouts!"

I encourage you to "shout" too—with friendly phone calls to your legislators. Send them the message, loud and clear, that Gopher football deserves to reclaim its rightful place in our community—on the campus of the University of Minnesota.

To learn more about the University's stadium plan, or to show your support by adding your name to a growing list of friends and alumni who want to bring football home, visit www.umn.edu/stadium.

[MEMBER SPOTLIGHT]

Chuck Porter

Advertising executive Chuck Porter (B.A. '67) is proud to report that cigarette smoking among the nation's youth is on the decline. It's a trend that he and his agency, Miami-based Crispin Porter + Bogusky, have certainly helped along.

Crispin Porter has partnered with the American Legacy Foundation (ALF), a nonprofit public health organization, to create the unvarnished and frank Truth smoking-prevention advertising campaign, which targets 12- to 17-year-olds. "[The issue] is not really about smoking, it's about manipulation," says Porter, chairman of Crispin Porter. "You can still be a big advocate for Truth even if you smoke." The Truth campaign, whose ads feature facts about the tobacco industry's deceptive marketing methods, began in Florida and is now running nationally.

Washington, D.C.-based ALF was established in early 1999 with \$300 million in annual funding as part of the settlement agreement between the tobacco industry and 46 states and five U.S. territories. ALF's 2002 National Youth Tobacco Survey found that smoking among high school students declined about 18 percent that year, a continuation of a downward trend since 1997. "Young people are increasingly rejecting tobacco or quitting smoking," says Cheryl Healton, president of the foundation. "The reduction in smoking prevalence can in part be attributed to the foundation's national youth anti-smoking campaign, Truth."

Porter's road to advertising was winding. He attended Minneapolis' Washburn High School, where a fond memory is playing on the 1963 undefeated football team. Porter's father died when Porter was in the eighth grade. His mother later remarried and moved out of state, but Porter stayed behind, living with neighbors and finishing high school. He had plans to become either a lawyer or a novelist and was accepted at Duke University, but he elected to stay in Minneapolis a little longer.

"I love Minnesota," he says. "All my friends were there. I joined a fraternity at the U—SAE [Sigma Alpha Epsilon]—which was a big thing back then. I was involved in a lot of activities with them, like plays, and I edited a publication. I also started writing a novel my freshman year."

As a University of Minnesota student, Porter chose psychology as his major and then switched to English. "My early passion was definitely writing rather than advertising," he recalls. "I initially just saw advertising as an easy way to make money." Then he settled on journalism, "a good way to get to law school," he says.

Porter started law school at Minnesota twice, leaving the first time because of Army Reserve obligations during the Vietnam War. He started again at age 24, then changed his mind. "I really liked law school, but it seemed to me that advertising would be more fun and probably more like show business. If I had it to do over again, I'd be an actor or director."

After visiting his brother, a pilot based in Miami, one Christmas, Porter decided to stay six months. Then he made it permanent. Years



Chuck Porter

of work in the advertising business followed, mostly on the writing and creative side. He joined the forerunner of Crispin Porter + Bogusky in 1988 as creative director.

Crispin Porter has won acclaim in recent years for its innovative campaigns for the Mini Cooper automobile, IKEA home furnishings, Virgin Atlantic Airways, and Molson USA beer. Burger King has also recently joined the roster of clients at Crispin Porter, which has \$250 million in billings and also a Los Angeles office. "We're having a good run," Porter says modestly. Still, he is most proud of his agency's Truth campaign.

Porter and his wife, Margit, have two grown daughters and a teenage son. So far, he has been unsuccessful in steering his children to his alma mater. But he is working on setting up a scholarship that would benefit promising students studying advertising in the U's School of Journalism and Mass Communication. "I want to help University of Minnesota students because I love that state and that school," Porter says, "and I've been lucky enough to be able to help them."

—Bob Levitz



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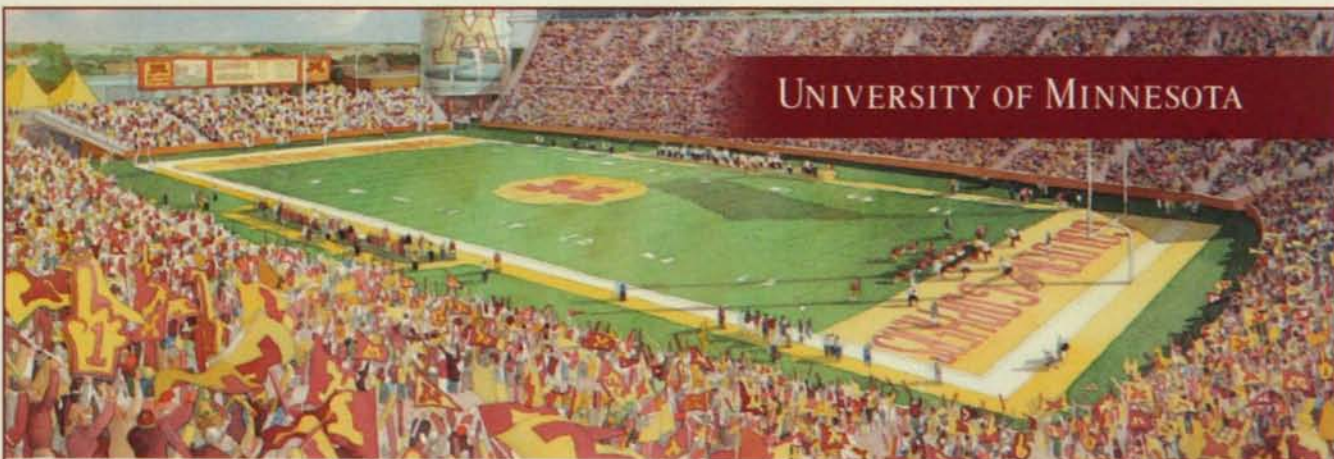
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A 100-Year Celebration

UMAA President Jerry Noyce (B.S. '67) delivered the following remarks at the May 6 UMAA Annual Celebration, the concluding event in the association's centennial year. Noyce saluted the keynote speaker, Yanni Chrysumallis (B.A. '76), and the 380,000 U alumni who are "changing the world one graduate at a time," and he summed up the many ways the association marked the anniversary and helped strengthen the University.

A 100th anniversary year is truly a time to pause, to reflect, and to celebrate.

And the UMAA has much to celebrate. It has been a strong, tireless voice for the University. Through its advocacy efforts, it has solidified the University's place in the community, the state, and in the world. It has helped build University pride and spirit. And it has been instrumental in igniting and sustaining lifelong relationships within the University community.

And celebrate we did. We kicked off our anniversary year at last year's annual celebration, featuring keynote speaker and prominent businessman Harvey Mackay (B.A. '54). We continued the festivities at our annual homecoming breakfast for 3,000 friends and alumni. We marked our actual anniversary on January 30 with birthday events that brought together thousands of people from the University and the community. We enthusiastically traveled with the Gophers to the Sun Bowl, and we cheered in the stands when women's hockey won the NCAA championship and women's basketball went to the Final Four. And tonight we conclude our yearlong celebration with our gala finale.

But UMAA leaders wanted to do more than celebrate during our anniversary year. We wanted to leave legacies for future generations. To leave a legacy of community, we were the first organization to pledge \$1 million to the new stadium initiative. To leave a legacy of scholarship, we held a homecoming scholarship auction and pledged \$500,000 to the University's new matching scholarship program. To leave a legacy of memories, we compiled a 36-page history of the UMAA, which we distributed to members in January. To leave a legacy of connection, we launched a new alumni association directory. And to leave a legacy of spirit, we introduced "Go Minnesota!," written by Brad Stokes (B.S. '84), who won our musical cheer contest.

Even though celebrating our centennial was a key focus this year, we also continued to build our core programs. We expanded our Legislative Network from 4,000 to 10,000 members and lobbied hard for the University's capital request throughout the legislative session. We partnered with the state, the College of Continuing Education, and career services offices systemwide to offer an all-University Employment Expo.

We matched more than 2,100 alumni and students in our Mentor Connection programs. And we achieved another important

Margaret Sughrue Carlson (Ph.D. '83), executive director of the University of Minnesota Alumni Association, introduced keynote speaker Yanni Chrysumallis (B.A. '76) at the UMAA's 100th anniversary gala finale.

The University of Minnesota has 380,000 living alumni, and the alumni association has been telling their stories for the past 100 years. But for tonight's historic moment in time—the finale to our 100th anniversary year—we wanted to tell an alumni story that is especially inspiring. A story that symbolizes how the Uni-

versity of Minnesota shapes and transforms lives. A story that shows how alumni change the world. A story that will make alumni stand up and proclaim, "That's my University too!"

We chose to ask internationally acclaimed composer Yanni, of the class of 1976, to share his story with alumni and friends. Yanni's story is one of courage, determination, vision, and passion. He crossed an ocean to pursue a college education, and he used the knowledge and life skills that he received here to follow his passion. He dreamed big, worked



Margaret Sughrue Carlson,
Ph.D. '83

hard, and achieved international success. His music embraces all cultures and all nations. And his philosophy—"one world, one people," is incredibly timely and so powerful.

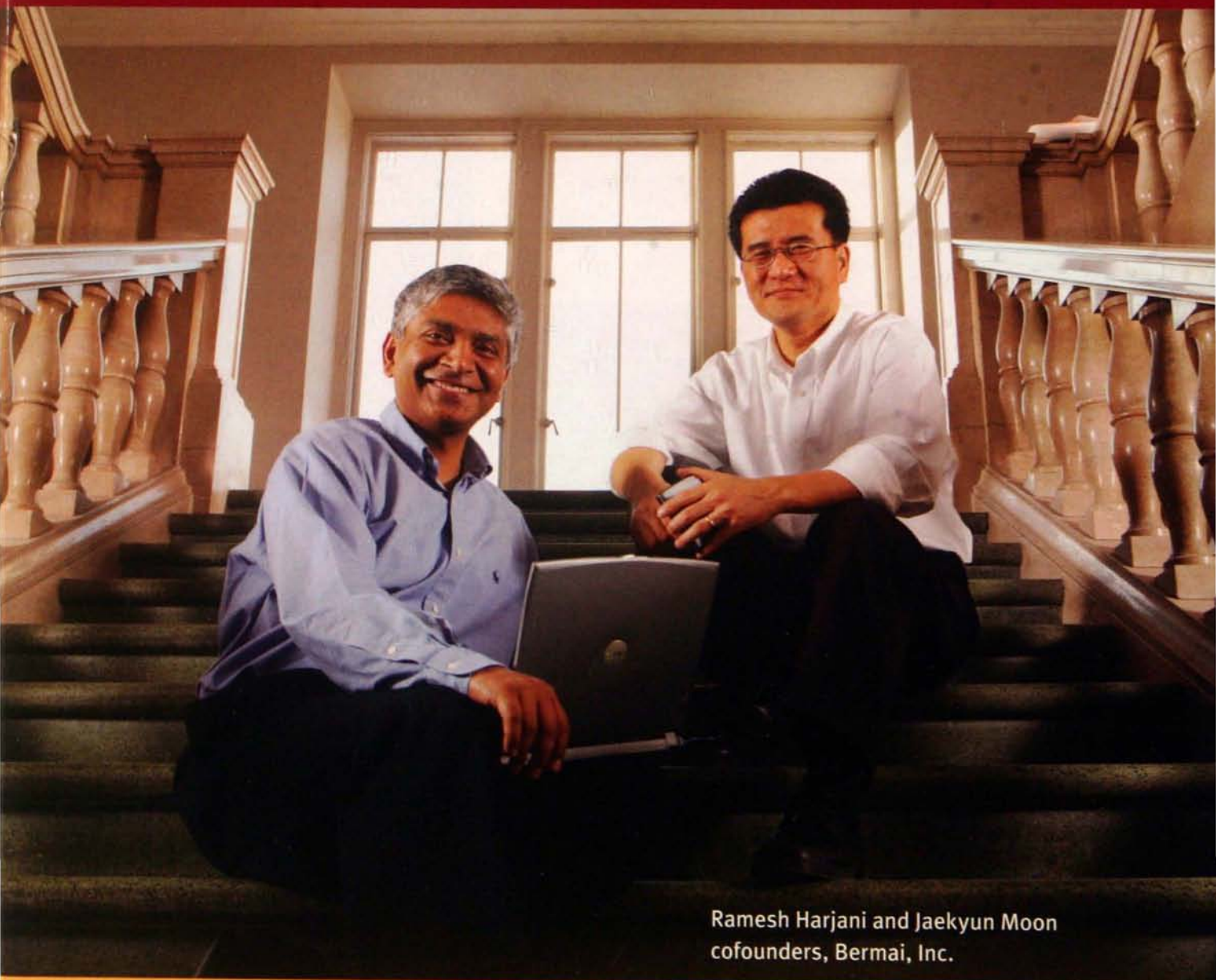
So listen to his story. Reflect on his "one world, one people" belief. Share his pride in the University of Minnesota. And thank him for sharing his story.

milestone. When Institute of Technology alumnus Kevin Dulin (B.S. '82) joined the association this spring, he had no idea of the significance of this action. He was our 60,000th member, leading us to an all-time membership record.

Our anniversary year is now coming to an end. We have reflected. We have celebrated. And now it's time to work even harder. Let's make sure our campus gets the magnificent football stadium it deserves to reinforce a sense of community on campus. Let's continue to help boost the University's level of private financial support. Let's create more and stronger connections with our alumni and encourage them to be engaged and passionate advocates for the University at the legislature. And let's continue to help build a strong, diverse, and dynamic University that attracts the best and brightest students from across the state and throughout the world.

One hundred years from now, what will our successors celebrate about the UMAA? Our future is in our hands. The time to start building it is now. ■

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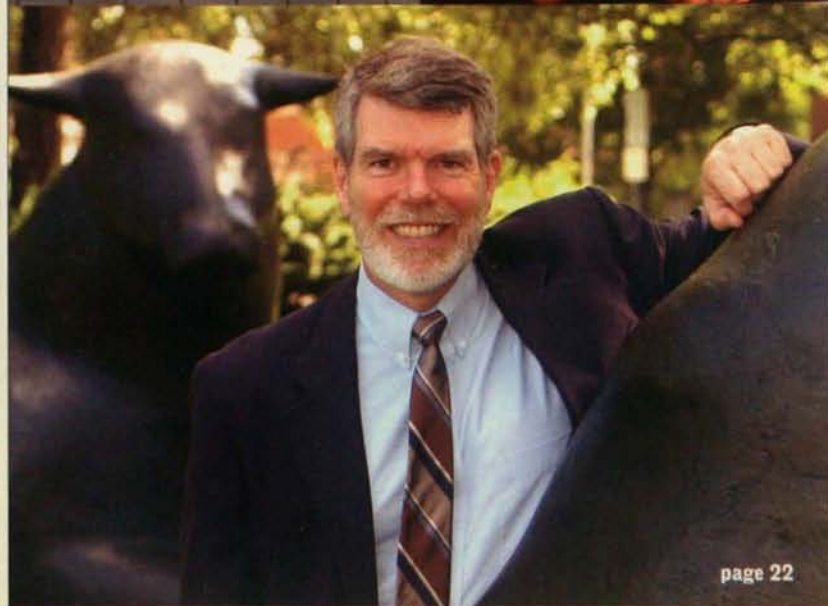
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I owe the U, do you?

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Editor's Note

My First Football Game

On a recent spring day, I rode my bike up the Mississippi River between the East and West Banks of the Minneapolis campus. I looked with pride across the river to my right at the structures lining the banks: above, the renovated Coffman Memorial Union whose grounds stretch to the river flats below; around the bend, the Weisman Art Museum, itself a work of art; and down near the water, the long, white tent that is the temporary home to the Gopher women's crew team.

I rolled past the University Archives storage cavern built into the bluff on my left and then soon faced the long, gradual hill that would take me into downtown Minneapolis. Taking the hill, I downshifted repeatedly as my legs grew rubbery. Other cyclists whizzed past me from behind and my front tire began to wobble. Pride and determination kept me from dismounting. "Momentum, momentum, momentum," I said between pants.



Shelly Fling

As the path flattened out, the white roof of the Metrodome rose into view a few blocks off on my left. I gazed at it with some indifference. True, it is home to the beloved football Gophers, but it isn't part of the campus I had just passed through. And I have fond memories of thrilling contests inside that building. I remember the first Gopher football game I attended there. It was the mid-1980s, and I had come into some tickets to a homecoming game. I don't recall the opponent or the outcome but was taken by the spectacle of college football in an NFL venue and the fervor of the maroon-and-gold crowd, as well as the comfortable climate.

I also remember the first Gopher football game I saw at Memorial Stadium, in the mid-1970s. I was 9 or 10, and my father took me. Coming from a large family, I was thrilled to have my dad to myself for a day. Simply going to campus (I got to sit in the front seat!) was an adventure. We motored down University Avenue, jammed with game-goers, until someone in a white rabbit suit waved us onto a fraternity house lawn, where for a few dollars we could park for the afternoon.

The temperature that Saturday was in the low 40s and the stadium bench was hard, but we were bundled up and had brought a thermos of hot chocolate. This was the first live football game I had ever seen, and my dad explained to me what was happening down on the field. I remember feeling giddy at witnessing whom I took to be scores of otherwise reserved adults screaming and shouting at the action and to each other. My father hadn't even attended the University of Minnesota, but this was his team, too, and he jumped to his feet and issued his best advice to the officials far below and out of earshot.

I decided I liked this tradition: the coming together (weather be damned) of all ages, the uncontrollable pride and spirit that overflowed across campus, and the buzz about next week's game or the one after that. It never occurred to me that it would be the last game I would see at Memorial Stadium. Although it sat empty for 10 years, I thought that as long as the stadium was still standing there was a chance the Gophers would return. But in recent years, paging through old issues of the alumni magazine, I learned that the demise of Memorial Stadium began long before the game I attended. Letters and columns from decades earlier contained complaints about the stadium's size and condition and proposals to expand and update it. For whatever reason, maintaining the stadium was deemed unwise. And the Gophers moved to the Metrodome.

The momentum I fought to keep when taking that hill is not unlike the movement afoot to bring the Gophers back to campus. And I'm certain that the other people who remember that Saturday afternoon three decades ago—indeed, those who've cheered every Saturday before and since that the Gophers have taken the field—will pedal hard to make it happen. Until then, there is buzz in the air about the next Gopher game, and the one after that. See page 36 for the 2004 Gopher football preview. ■

Shelly Fling may be reached at fling003@umn.edu.

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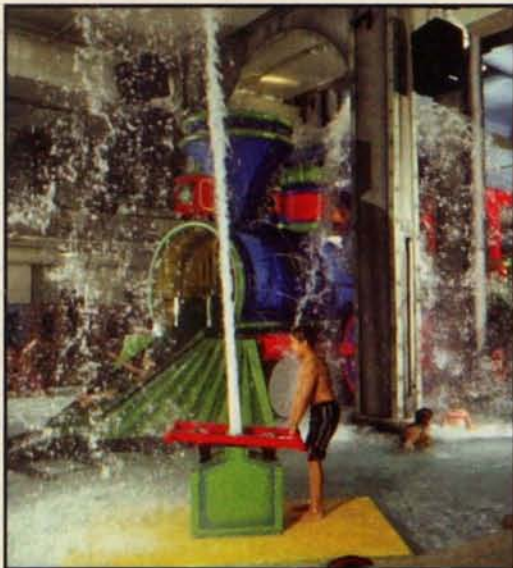
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Letters

Thanks from the Armenian Community

I was so pleased that you featured Taner Akcam on the cover of *Minnesota* magazine (May-June). As a graduate of the U, and a life member of the alumni association, I look forward to receiving and reading the magazine. As an Armenian in the Twin Cities, I was proud to see the importance you have placed on the work of Stephen Feinstein of the Center for Holocaust and Genocide Studies and especially the Armenian genocide and Professor Akcam's courageous work. Thank You!

JUDY OHANNESIAN (PH.D. '86)

St. Paul

On behalf of the Armenian Cultural Organization of Minnesota (ACOM), I seize this opportunity to express the gratitude of the ACOM executive committee, their families, and the Minnesota Armenian community for your May-June cover story, "Hearts of Darkness." We have always appreciated the support and friendship of Center for Holocaust and Genocide Studies Director Stephen Feinstein and Professor Taner Akcam, as well as Ohannesian Chair Eric Weitz. Thank you for educating the entire alumni community about the Armenian genocide.

NAÏRY M. DIGRIS,
ACOM PRESIDENT
Roseville, Minnesota

I would like to thank the University of Minnesota alumni magazine for the article "Hearts of Darkness." As an American of Armenian and Irish descent, I appreciate it when a magazine such as *Minnesota* magazine will publish a much needed view of the Armenian genocide. Let's hope someday the current government of Turkey and the United States will recognize this 20th-century tragedy.

DICK DOLAN (B.A. '66)
Burnsville, Minnesota

Remember the Ukrainian Genocide

While reading Richard Broderick's "Hearts of Darkness," I was surprised and disappointed that among the crimes against humanity of the 20th century a



genocide of the people in Ukraine was omitted.

In 1932-33, an estimated 7 to 10 million people died of starvation during a famine. What was unusual about this famine was that it was not caused by drought, pestilence, or crop failure, but by the decree issued for political reasons by dictator Josef Stalin and the Central Committee of the Communist Party of the Soviet Union.

This mass starvation was implemented in order to break the resistance of the farmers against collectivization and at the same time to destroy the roots of Ukraine's aspiration for independence and freedom. The farmer was the mainstay of Ukrainian traditions and replenishing source of the intelligentsia. Therefore the Soviets branded them "kulaks," the class enemy of the Soviet society who had to be destroyed.

The genocidal attacks were initiated by confiscation of all harvested grain under the supervision of thousands of "udarniks" (shock activists) who were sent from Russia. Seized grain was shipped to other areas of the Soviet Union or sold on international markets to finance the government's rapid industrialization process. Lacking food and seed for planting, thousands and thousands of people were dying daily. The borders of Ukraine were sealed to international relief efforts and to people fleeing in search of food.

Since the Soviet Union was a closed soci-

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ety, foreign journalists were kept away and could not see the massive scale of devastation. Those who tried to report the true story in the West were ignored by those who were enamored with the ideals of the Marxist Revolution. There was no open outcry or loud protests in the free world.

For a long time no action was taken by the League of Nations. Urged by the Prime Minister of Norway, this international body with hesitation condemned the Soviet regime. Ironically, during the height of this genocide the United States extended diplomatic recognition to the Soviet Union. Kremlin leaders and their servants abroad to this day succeeded in covering up this crime so well that it became the most successful example of the denial of genocide and its perpetrators. The most perfidious crime against humanity was almost erased from the memory of the civilized world.

Any civilized society is obligated to be on guard in order to prevent such crimes regardless of any political, racial, or religious considerations. It is for this reason that the memory of all victims must be kept alive. "Never Again" should not remain a meaningless slogan. It should point direction on the path toward a more humane and better future for all humanity.

MICHAEL KOZAK (M.D. '57)
Minneapolis

Nuclear Energy Is the Future

The people who authored the "Endless Energy" article need a big dose of realism (May-June). Renewable energy sources would provide at best 10 percent of America's energy needs. One of the ironies of the renewable energy solution is that it takes a lot of fuel to produce renewable biomass energy. And no one in their right mind would use biomass to produce hydrogen for fuel. Another problem is that biomass for energy would compete with land for food.

I was stunned to find no reference to nuclear power in the article. In the long run, mankind has no option but to turn to nuclear power for energy. When the world runs out of fossil fuels, it will have to turn to hydrogen production by electrolysis of

water using nuclear generated electricity.

Western nations because of their high degree of mechanization and wide spatial distribution of production would suffer mass starvation and industrial paralysis if the Arab nations cut their oil production by one-half. It is time that the selfish interests producing anti-nuclear hysteria be stopped and that the United States produce 80 percent of its electricity by nuclear power, as in France. If this isn't done America will fall into total disarray as machinery and transportation stop.

LLOYD HALVORSON (B.S. '39, PH.D. '43)
Warrenton, Virginia

Keep Race out of the Race

As a lover of New York and an admirer of running, I can imagine that doing the New York City Marathon, as related by Sarah Barker in the May-June issue ("Happy Loser"), is grueling and intoxicating. Perhaps Barker can claim intoxication as an excuse for her derogatory descriptions of the Hispanic and black neighborhoods she passed through in Brooklyn. Or possibly her skin rash was aggravated by a case of xenophobia.

With that attitude she should stay out of New York City and out of *Minnesota*.

JANE THOMSON (B.A. '62)
Minneapolis

A Job Well-Done

In the January-February 2004 issue of *Minnesota*, we noticed a quarter-page article about a job fair to be held near the U in March. Immediately we notified our daughter, a graduate of the University of Notre Dame, that if she ever wanted to fulfill her dream of living in Minnesota and returning to her family roots, this is a chance she should not miss. So she went to the job fair and was recently hired by one of the companies represented there. We are so thrilled for her, and thank you so very much for publicizing this job fair in our alumni magazine. We just want you to know what a direct impact you have had on our family. Go Minnesota!

JEANNE WABBE CUR (B.S. '73) AND
NIHAT CUR (M.S. '75, PH.D. '78)
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Campus Digest

A compendium of news, research, events, happenings and developments from around the University.

* Edited by Chris Coughlan-Smith

A Cooling Campus Climate

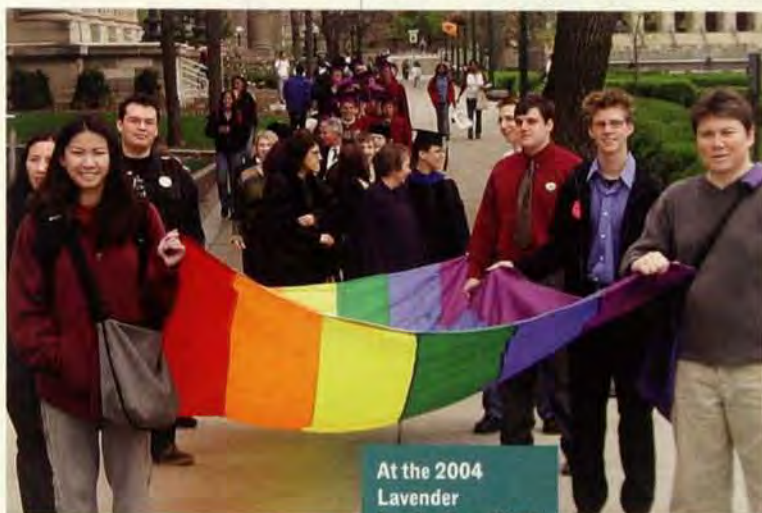
Last fall, in the wake of court rulings on gay marriage and anti-sodomy laws, University of Minnesota Gay, Lesbian, Bisexual, Transgender Programs Office director B David Galt noticed that something was happening on campus. The high profile of gay issues in the mainstream media spurred a backlash by opponents of gay rights, as well as a new sense of nervousness among GLBT people. Complaints about harassment and discrimination poured in—four times more than the previous spring. “It was an avalanche,” Galt says. “There were incidents in the student unions, in residence halls, in classrooms, a constant barrage of attack in the student newspaper.”

A review of the University’s 1993 commitment to create a safe and inclusive environment for GLBT people on campus was under way, but the tensions gave it a new urgency. A September 2003 report showed there had been progress and a strong continuing commitment from the central administration (this fall, the Board of Regents will consider a proposal to establish a GLBT studies minor) but that much remained undone.

In April, the Coalition for a Respectful U—a collection of student groups, religious organizations, and University units formed in response to the tensions on campus—ran a series of ads in the *Minnesota Daily*. The “I am U, Stand with Me” series put a face on GLBT students, faculty, families, allies, and others while encouraging reflection on the issues surrounding harassment. At the end of April, the task force reviewing the U’s commitment had a friendly and upbeat meeting with administrators and presented a set of new recommendations, including creation of a standing systemwide commission on GLBT issues.

“The recommendations are in line with everything the president and the rest of us in administration hope to accomplish in terms of having a free and open marketplace of ideas on campus,” says Jerry Rinehart, vice provost for student affairs. “We are absolutely committed to having a safe environment where everyone feels welcome.”

But in May, U administrators settled a suit filed by the Maranatha Christian Fellowship, a University student group that



At the 2004 Lavender Graduation, GLBT people and their supporters marched behind a rainbow flag from Northrop Auditorium to Coffman Union for a celebration. This academic year saw a four-fold increase in harassment complaints by GLBT people on campus, sparked by the high profile of gay issues in the state and nation.

argued that abiding by the U’s nondiscrimination policy, which includes sexual orientation, violated their right to religious freedom. U attorneys felt it was a case they could not win and reached

a compromise that requires all U student groups to allow equal access to their programs, but that permits religious groups to have leaders and voting members pledge to live by the dictates of their faith instead.

Galt is concerned that the settlement opens the door for broader discrimination. “What about a religious group that feels women should be seen and not heard?”

Galt asks. “What about a religion that wants to discriminate based on race?”

But U associate general counsel Tracy Smith believes that will not be the case. “There’s no history to suggest that this will open up the doors to widespread discrimination,” she says, adding that even with about 50 religiously affiliated student groups each year, the issue has only come up twice in U history. “If it does become a slippery slope, where people are using this as a loophole rather than for sincere expression of their religious beliefs, then certainly we will revisit it.” She adds that the agreement “does not at all suggest a lessening of the U’s commitment to equal treatment for GLBT people,” but rather is the price of the ideal of open access to all

voices. “It is these outlier groups that test the values that the University stands for. Sometimes groups have views that others find abhorrent, but that’s part of the mix.”

Although disappointed by the University’s decision to settle, Galt also feels the agreement may rally new supporters concerned about the implications of allowing a loophole for discrimination. He also worries that next fall emotions might be even higher and the debate even angrier—on both sides. “This past year has been very hard on GLBT people and their allies with the intensity of the hate,” he says. “[But] we have to remain committed to our vision of inclusion and respect for everyone.”

U research findings



Art in Motion



Twenty-four art students in a kinetic sculpture class raced their vehicles outside the Regis Center for Art in early May. Keith Kaziak and Michael Sullivan built their three-wheeled kinetic sculpture with speed in mind, while Tessa Olson-Stately and Rachel Henderson went the aesthetic route. Kaziak and Sullivan had the second fastest car, while Olson-Stately and Henderson won the award for "most aesthetic team outfits."



During their slow ride down a hill outside the Regis Center for Art, Neal Portix and Ethan Sutton enjoyed a full Italian lunch on their "dining car," which earned the "slowest car" award.



Annamarie Geniusz and Fawzia Khan's "push-me, pull-you" kinetic sculpture won an award for "most aesthetic car" during the semester-ending event.

Fine Female Fishers

Female chimpanzees learn fine motor skills more quickly than males, implying that gender-based learning differences have an ancient origin, according to researchers from the University of Minnesota. By observing chimpanzees in Gombe National Park in Tanzania, researchers found that young chimps learn to termite fish—threading sticks or grass into termite mounds to draw out the insects—from their mothers. But females pick up the skill more quickly, spend more time doing it, and catch more termites with each try. Researchers theorize that evolution may play a role—females need to be better fishers because when pregnant or raising babies they have less time to hunt and must rely on the protein-rich termites for food. Young males, meanwhile, tended to spend more time playing and swinging around—behaviors that could help them in hunting and struggling for dominance. Because this learning pattern is similar to published research on gender-based differences in human fine-motor learning, researchers theorize that the phenomenon may date back 5 or 6 million years to the last common ancestor of chimpanzees and humans. The study was published April 15 in the journal *Nature*.

Pool's Parasite

A deadly intestinal parasite with no known treatment is one step closer to being brought under control. University researchers completed sequencing the genome of *cryptosporidium parvum*, an organism that resists conventional antiparasitic drugs. In sequencing the genome, researchers discovered that *cryptosporidium* lacks the biochemical targets that most antiparasitic medicines rely upon to kill other parasites. Knowing the genetic makeup will allow researchers to develop methods for early diagnosis, prevention, and treatment. *Cryptosporidium* is spread through feces and results in an acute case of diarrhea in humans and animals. Most adults with an intact immune system recover after several days; in young children, the elderly, or patients with immune deficiencies, severe dehydration and death can result. The parasite also is highly resistant to chlorine treatment of community water supplies and other prevention methods. The results were published in the journal *Science* on March 25.

Lifelong Consequences of Violence

Being a victim of violence as an adolescent has profound effects on a person's entire life, as measured by education and socioeconomic status. Assistant professor of sociology Ross Macmillan and a colleague reviewed a 1976 random national survey of more than 1,700 youths to find that almost half of respondents had been assaulted in some way between the ages of 13 and 17. They also found that victimized adolescents had significantly lower grades and levels of education. These were consistent with a lack of educational self-efficacy, which Macmillan defines as "being able and willing to invest, psychologically and behaviorally, in education." By comparing 1976 figures with a 1986 follow-up survey and controlling for numerous gender, race, and family variables, researchers found that victimized adolescents had a 51 percent greater chance of unemployment in young adulthood, twice the rate of public assistance, and lower hourly wages than those not victimized. Macmillan concludes that the disruption of educational self-efficacy is the most significant consequence of violence, in that it sets the stage for lifelong socioeconomic shortfalls. The findings were published in the June issue of the *Journal of Research on Adolescence*.

Campus Digest

[STUDENT PROFILE] Maya Babu

Maya Babu is always starting something. One day it's an organization that helps high school students develop speaking and analytical skills. The next it's a program connecting University students with neighborhood youth. And now she's started *The Bridge*, a scholarly publication, debuting this summer, about social action, community development, and youth work.

Thanks in large part to her own experiences in community and youth work, the junior from Eagan, Minnesota, was recognized as a 2004 Truman Scholar in March. One of 77 students selected nationally, she will benefit from a \$2,000 scholarship her senior year at the University of Minnesota and another \$24,000 in graduate school. A dual-degree honors student in neuroscience and psychology, Babu plans to pursue medical and law degrees as preparation for a career in mental health policy. "What I'm really passionate about," she says, "is mental illness that affects juveniles in the justice system."

That passion came into clear focus last year when Babu spent a day at a juvenile detention center in Red Wing, Minnesota, as part of a program called Peace Jam. "We brought Tibetan monks and other facilitators with us. We talked about peace within and what it means to be a peacemaker." While they made peace flags together, an inmate told Babu about his experiences in rural Minnesota. After hearing his story, she began to believe that mental health screening tools and post-release support systems might make a real difference for people like him. Because there are so many legal issues affecting the mentally ill, she wants to be well versed in both medicine and law. "That event was really powerful," she says. "I was really inspired."

In high school, Babu was a state debate champion in 2000, and the national Lincoln-Douglas debate champion in 2001. Attending the University made sense to her because she wanted to stay close to home and connected to the state's vibrant nonprofit sector. By the time she entered college, Babu was already involved in several organ-



Maya Babu

izations and had forged relationships with local mentors.

Babu serves on the board of directors for America's Promise, a national youth-focused program co-chaired by Secretary of State Colin Powell. When she attends board meetings, she sits around a table with *Meet the Press* journalist Tim Russert, baseball great Cal Ripken, Jr., and others.

Although Babu's "social entrepreneur" work sometimes keeps her up till 3 a.m., she says she rarely gets tired or craves a vacation. If Babu does need a break, she works out or indulges in watching a favorite TV show. Still, she says she can't fight the urge to busy herself with youth service work anyway, since it's so deeply integral to her. "This is like brushing your teeth in the morning. It's who you are."

Babu hopes the Truman Scholarship "will challenge us to think differently," she says. "I'd like to be challenged that way, and I really enjoy working. I just cannot sit still when there's stuff to do."

—Robyn Dochterman

Overheard on Campus

"[Race] is only one among many factors, and it's never the controlling factor. We never sacrifice academic criteria to meet enrollment goals. . . . We seek to enroll an academically capable, diverse student body that will enrich the academic experience."

—Wayne Sigler, University director of undergraduate admissions, on how his office takes race into account in admissions decisions. A recent U.S. Supreme Court ruling allows race to be considered, but not to be the deciding factor.

"Some of the responsibility for narrowing wealth inequality must rest with the black community. But responsibility also rests with industry and government that share some of the culpability for racial gaps in credit markets and entry points to acquisition of wealth."

—University economist Samuel L. Myers, Jr., in the 2004 National Urban League's "State of Black America" report, which showed the persistent gap between whites and blacks in home ownership and net worth.

"I don't think students realize how much fun it is for instructors to have the chance to get to know students outside of class."

—Richard Hermes, an English graduate instructor, on being taken out to dinner by a student under the College of Liberal Arts' Student Board-sponsored Food for Thought program. The board pays for up to 100 students per semester to take faculty to dinner, both to recognize them as great teachers and to allow students to get to know them.

"The same temperament that can make for a criminal can also make for a hot test pilot or astronaut. That kind of little boy—aggressive, fearless, impulsive—is hard to handle. It's easy for parents to give up and let him run wild, or turn up the heat and the punishment and thereby alienate him and lose all control. But properly handled, this can be the kid who grows up to break the sound barrier."

—Psychology professor David Lykken, a behavioral geneticist, arguing in *Psychology Today* that parents make a difference in raising children, despite increasing feeling among his colleagues that genetic makeup is of primary importance in child development.

▶ Outstanding Internationals

THE UNIVERSITY'S OFFICE OF INTERNATIONAL PROGRAMS announced the 2004 recipients of the Distinguished Leadership Award for Internationals this spring. The annual award, introduced last year, recognizes outstanding achievements in institutions or in public service by international alumni, former students, and friends of the University.

Lahsen Ababouch (Ph.D. '82)

Morocco

A food science and nutrition graduate, Ababouch has directed the fisheries division of the Food and Agriculture Organization in Rome for almost four years, implementing projects in Asia, Africa, and the Pacific region that have helped develop safe and sustainable fish industries. He was formerly chair of the Department of Food, Microbiology, and Biotechnology at Morocco's Institut Agronomique and Veterinaire Hassan II. (No photograph of Ababouch was available.)

Andres Gil (Ph.D. '93)

Uruguay

Credited with helping eradicate foot-and-mouth disease from Uruguay, Gil's veterinary epidemiology work has helped his country increase world trade in agricultural products and led to technical cooperation with numerous other countries. He is leading a unit in Uruguay's agricultural ministry and head of the Biostatistics and Informatics Department at the Universidad de la Republica in Montevideo.

Obioma Nnaemeka (Ph.D. '89)

Nigeria

Nnaemeka is founder and president of the Association of African Women Scholars, which has hosted conferences in Nigeria, the United States, and Madagascar on issues of gender and human rights. She currently directs the women's studies program at Indiana University. She is internationally known for creating connections across disciplines, national borders, and cultures.

Hyeoun Ae Park (M.S. '83, M.S. '86, Ph.D. '87)

Korea

A nursing faculty member at Seoul National University, Park has been instrumental in creating ties between her school and the University of Minnesota. She has revolutionized nursing education in Korea by introducing statistical and computer labs into the curriculum. She is also an international leader in nursing informatics and represents Korea on international nursing councils.

Shigeo Tashima (M.S. '55)

Japan

Tashima serves on numerous national farm councils in Japan and was a faculty member at two large universities for many years. He was director of the Division of Agricultural Education and Science at UNESCO in Paris in the late 1960s, and was actively involved in international education and agricultural training efforts.



Andres Gil



Obioma Nnaemeka



Hyeoun Ae Park



Shigeo Tashima

Mind Games

THE MOST RECENT BOWL VICTORY for a University of Minnesota team does not belong to the football Gophers. This past April, a scholarly five-man Minnesota squad won the 2004 College Bowl National Championship Tournament, held this year at Auburn University in Montgomery, Alabama.

Dubbed "The Varsity Sport of the Mind," the 50-year-old College Bowl wraps up its season every spring by pitting 15 regional champions and a wild-card team against one another in a

double-elimination tournament. In each match, two teams of four players (the fifth is an alternate) go head to head, fielding rapid-fire questions for two eight-minute halves. Teams earn or lose points by hitting or missing on questions in an array of subject areas, including history, science, literature, geography, and religion, as well as current events, popular culture, and the arts.

POP QUIZ

Try your hand at these questions, taken from the final match of the 2003 College Bowl National Championship Tournament.

After middle-of-

the-pack finishes in 2002 and 2003, Minnesota coach Dave Dorman and his squad—captain Frank Shockey, a graduate student; juniors Raymond George Anderson, Ryan Peterson, and Matthew Sauter; and freshman Thomas Soderholm—hoped to place third or fourth this year. "The team from [the University of] Florida finished second last year, and they had everyone back, so I figured they'd stomp everybody," says Dorman, a health educator at the U's Boynton Health Service.

In the midst of the current Iraq War, Bavarian archaeologists reported finding the presumed tomb of this ancient Mesopotamian in the former bed of the Euphrates River. Name that King of Uruk, now Erech, Iraq, and subject of a 2600 B.C. epic. (Answer: Gilgamesh)

His painting *Le Bateau* ("The Boat") hung at New York's Museum of Modern Art for 47 years before someone noticed it was hanging upside down. Most of his always-colorful paintings were realistic enough to avoid that fate. Who was this leader of the fauvists? (Answer: Henri Matisse)

Florida did clobber Minnesota in a lopsided first-round match. In the next round, however, Minnesota toppled Florida in a dramatic come-from-behind win. "At the beginning of the game, we were down something like 135 to minus five, so it was pretty exciting," says Dorman, whose team went on to oust the University of Michigan in the finals.

This is Minnesota's fourth College Bowl title in the last 20 years, but its first since 1989. "Winning this year, I think, did a lot to make other teams aware of us," says Peterson, who returns next season with Anderson and Sauter. "When we were finishing in the middle of the pack the past few years, we were always there but we were never really a danger to anyone. Now, people are going to be looking out for us."

Coach Dorman, a College Bowl fan since childhood who has coached the U team 17 years, retired after the national championship. "I made the decision to retire, win or lose, back in September," he says. "It was very cool to have it end this way."

It is 1.44 solar masses for a helium white dwarf or 1.1 solar masses for an iron white dwarf. Name this limit of mass above which a white dwarf will further collapse into a neutron star or a black hole. (Answer: Chandrasekhar Limit, named for astrophysicist Subramanyan Chandrasekhar, the 1983 recipient of the Nobel Prize for physics)

—Andrew Baskai

Campus Digest

Ron Matross (Ph.D. '75) cycles to and from his St. Paul home to his office on the University of Minnesota's East Bank campus every day, sometimes continuing his training in the evenings. "I'd love to produce a medal this year," he says of the upcoming U.S. Transplant Games. "But it's going to be tough. I'm in the upper reaches of my age category and there are some strong, younger guys coming up."

The Transplant Games Come to Campus

Still, Matross is grateful just to be competing. Nine and a half years ago, he received a life-saving liver transplant at the University. This summer, he'll participate on his home turf, as the games come to the University of Minnesota for the first time. "Participating in the games is always inspiring," says Matross, who first competed in 1996 at Salt Lake City, a year and a half after his transplant. "It reminds you that every day is a gift." This year's games will be his fourth U.S. event. He has also competed in the World Transplant Games, traveling to Australia and France.

This year's competition is particularly meaningful for Matross, a senior analyst in the Office of the Executive Vice President and Provost. "I can't wait to show off our city and the University," he says. He looks forward to welcoming some of the same athletes he's been competing against for years and adds that regardless of whether he places in the competition, "being part of this community is something we can all be proud of."

The Transplant Games, organized by the National Kidney Foundation, are an Olympic-style event for recipients of life-saving transplants, including kidney, heart, liver, lung, pancreas, and bone marrow. Athletes compete in 13 sports, including cycling, track and field, swimming, tennis, and golf. More than 10,000 people are expected to participate in the 2004 U.S. games, running from July 27 through August 1 at various locations at the University and around the Twin Cities.

The 2004 games mark 50 years since the world's first successful organ transplant, a kidney transplant in Boston. In 1966, University of Minnesota surgeons performed the world's first pancreas transplant, and in 1968 performed the first successful human bone marrow transplant. The U has also pioneered advances in kidney transplantation and, with more than 8,500 transplants, is one of the largest transplant centers in the nation.

For Matross, the camaraderie is most important. "My favorite is the opening event, where all the athletes march in," he says. This year's opening ceremonies will take place July 28 in the Hubert H. Humphrey Metrodome. Also extremely touching, he says, are the donor events, which honor living donors and families who have donated loved ones' organs. "The thought of receiving a gift of life from a stranger is so overwhelming," Matross says.

Even those who are not transplant recipients or donors can participate in the games as spectators or volunteers. For more information, visit www.abc.umn.edu/transplantgames.

—Brenda Hudson



Ron Matross, a University graduate and staff member, will ride in his fourth U.S. Transplant Games competition this summer. Matross, who received a liver transplant at the U almost 10 years ago, will be among an expected 10,000 participants in the games, to be held at the University from July 27 through August 1.

Good Horse Cents

The horse industry generates nearly \$1 billion in economic activity in Minnesota each year, according to a University of Minnesota report. Minnesota ranks ninth among U.S. states in number of horses with 155,000, and sales, care, and other aspects of raising horses accounts for \$930 million in economic activity. Brian Buhr, an associate professor of applied economics in the College of Agricultural, Food, and Environmental Sciences, says the economic impact of the horse industry would be increased if more emphasis were placed on raising show horses and race horses. Show horses generate about twice the economic impact of pleasure horses, while race horse have closer to five times the impact.



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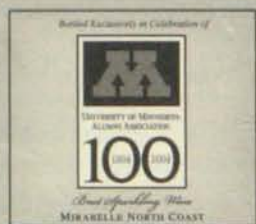
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Arts & Events



(LEFT TO RIGHT) At the Goldstein: *Pyromancy*, art quilt (2003), by Emily Richardson, part of "Convergence/Divergence: Split Rock Design Artists at the Goldstein," at the Goldstein Gallery through September 12. At the Weisman: A kite made of dyed rip-stop nylon and fiberglass sticks (2002), by Robert Trepanier, part of "Tako: Japanese Kites Inspire Western Kitemakers," at the Weisman Art Museum through September 12. On the Showboat: *Olios*—brief, whimsical interludes—are a crowd favorite on the Centennial Showboat, where *The Mousetrap*, an Agatha Christie thriller, plays through August 28.

FAMILY FUN

MINNESOTA LANDSCAPE ARBORETUM

The Arboretum is located nine miles west of Interstate 494 on Highway 5 in Chanhassen. Admission is \$7, free for those 18 and under and for Arboretum members. Call 952-443-1400.

Totally Terrific TreeHouses

The Arboretum showcases 12 one-of-a-kind tree creations designed to delight and educate visitors about the benefits of trees. Through October 10.

MUSEUMS AND GALLERIES

BELL MUSEUM OF NATURAL HISTORY

10 Church St. SE, Minneapolis, 612-624-7083. Hours: Tuesday–Friday, 9 a.m.–5 p.m.; Saturday, 10 a.m.–5 p.m.; Sunday, 12–5 p.m. Admission is \$5 for adults; \$3 for children 3–16 and seniors; and free for members, children under 3, U students, faculty, and staff, and on Sundays.

Endangered Treasure: Our Arctic National Wildlife Refuge

This timely exhibit features eight internationally recognized wildlife photographers whose work captures the beautiful and compelling images of the Arctic National Wildlife Refuge and the nature and diversity of its coastal plains. Through August 29.

FREDERICK R. WEISMAN ART MUSEUM

333 East River Road, Minneapolis. 612-625-9494. Hours: Tuesday, Wednesday, Friday, 10 a.m.–5 p.m.; Thursday, 10 a.m.–8 p.m.; Saturday and Sunday, 11 a.m.–5 p.m. Admission is free.

Tako: Japanese Kites Inspire Western Kitemakers

Taking advantage of its lofty exhibit spaces, the Weisman presents a show of kites made by four Western kite artists as well as a selection of postwar kites made by Japanese artists. Through September 12.

GOLDSTEIN GALLERY

244 McNeal Hall, 1985 Buford Ave., St. Paul, 612-624-7434. Hours: Tuesday, Wednesday, Friday, 10 a.m.–4 p.m.; Thursday, 10 a.m.–8 p.m.; Saturday and Sunday, 1:30–4:30 p.m. Admission is free.

Convergence/Divergence: Split Rock Design Artists at the Goldstein

This exhibition showcases work by some of the foremost fiber, fabric, textile, and jewelry artists practicing in the world today and who will be teaching at the University's 2004 Split

Rock Arts Program. Through September 12.

KATHERINE E. NASH GALLERY

Located in the new Regis Center for Art, 405 21st Ave. S., Minneapolis. 612-624-7530. Hours: Tuesday, Wednesday, Friday, 10 a.m.–4 p.m.; Thursday, 10 a.m.–8 p.m.; Saturday, 10 a.m.–5 p.m. Admission is free.

Kettles: Japanese Artistry and American Artists

Featuring works by Japanese kettle makers and American artists, this exhibition celebrates the Japanese tea ceremony kettle as a source of inspiration for American artists. Through July 30.

PAUL W. LARSON GALLERY

Located in the lower level of the St. Paul Student Center, 2017 Buford Ave., St. Paul, 612-625-0214. Hours: Monday–Wednesday, 10 a.m.–3 p.m.; Thursday, 10 a.m.–6 p.m.; Friday, 10 a.m.–3 p.m.

Images in Black and White, a Matter of Degrees

Thirteen visual artists present their art in black and white, in an effort to unify their varied aesthetic approaches. July 22 through September 2.

MUSIC

SUMMER AT NORTHPROP

Free outdoor concerts take place at noon on Northrop Plaza, inside Northrop Auditorium in the case of rain.

Clammy Louvers, mostly traditional Irish, July 13

Tim Sparks, solo guitar: Jelly Roll Morton to John Zorn, July 14

Machinery Hill, Celtic and American folk music, July 15

Minneapolis Pops Orchestra, light symphonic classics and Broadway, July 19

Monroe Crossing, early radio style bluegrass, gospel, July 20

The Platte Valley Boys, traditional bluegrass band, July 21

Papa John & the Hot Club, good-times blues, swing, jazz, July 22

Summit Hill Brass Quintet, July 23

Signe Hensel Quartet, smooth, sassy jazz, July 26

Michael Hauser Flamenco Quintet, with guest dancer Debra Elias Morse, July 27

Just Du-et, a double-accordion barrage of fun, July 28

READINGS AND SPEAKERS

FIRST TUESDAY LUNCHEON SERIES

The Carlson School of Management presents

lunch and a top-level executive as the keynote speaker from 11:30 a.m. to 1 p.m. **August 3:** Flip Saunders (B.S.B. '83), head coach of the Timberwolves. **September 7:** John Fleming, CEO of Wal-Mart. **October 5:** Jim Cracchiolo, president of the Global Financial Services at American Express. Radisson Hotel, 615 Washington Ave. SE, Minneapolis. Call 612-626-9634.

UNIVERSITY BOOKSTORES

Split Rock Soirees with Poets, Writers, and Illustrators

Author and book illustrator appearances take place at 7 p.m. at the Bookstore in Coffman Memorial Union, 300 Washington Ave. SE, Minneapolis. Tickets are \$7 (\$5 for UMAA and Elder Learning Institute members and for U faculty and staff; free for students) at the door. Call 612-626-0559 or visit www.bookstore.umn.edu/genref/authors.html.

July 20: Poet Sharon Doubiago and travel writer Catherine Watson

July 27: Watercolor artist Cheng-Khee Chee, nonfiction writer Myrna Kostash, and poets Dorianne Laux and Joseph Millar

August 3: Book artist Julie Chen, poet and novelist Kate Green, nonfiction author Julie Landsman, author and illustrator Gerald McDermott, and poet and novelist Pablo Medina

August 10: Fiction and nonfiction writer Paulette Bates Alden, poet James Harms, and novelist Sheila O'Connor

THEATER

UNIVERSITY THEATRE SEASON

The Mousetrap

Foul play is afloat—aboard the Minnesota Centennial Showboat—in this classic Agatha Christie thriller of intrigue and murder, directed by Kenneth Mitchell. Sprinkled throughout the performance, the Showboat continues its tradition of *olios*—whimsical, musical interludes that feature zany costumes and antics. Show options include performance with a picnic, cruise, dinner, or show only. Through August 28. Tickets are \$15–\$20. Call 651-227-1100 or visit www.riverrides.com.

Since the Arts & Events calendar is compiled several weeks in advance, the editors recommend that readers confirm event dates and times.

The Board of Regents in June approved a \$2.6 billion budget with double-digit tuition increases for fiscal year 2005. The fiscal year began July 1, 2004. In 2003, the University received a \$185 million, two-year budget cut from the state.

"These have been very challenging times for the University," said President Robert Bruininks. "We've made great sacrifices—especially our students and families who have managed double-digit tuition increases, and our faculty and staff who had their pay frozen even as the cost of health care benefits increased—to balance this budget in a way that is responsible and maintains academic quality."

"We have deftly managed the largest budget reduction in the University's history for this two-year period," said regents chair David Metzzen (B.A. '64, Ph.D. '73). "However, if the University faces further state budget reductions, our academic quality and ability to attract top students and world-class faculty will be severely compromised."

The board approved undergraduate tuition and fee increases averaging 14 percent on the Twin Cities campus and 13 percent on the Duluth, Morris, and Crookston campuses. Twin Cities tuition and fees will increase an average of \$915 a year to more than \$8,000.

In May, University president Bob Bruininks announced a \$150 million, multi-year drive to raise scholarship support for students. Currently, University offers merit scholarships to only 14 percent of entering freshmen, placing the Minnesota last in the Big Ten. Minnesota trails other Big Ten institutions and private colleges in the number and size of scholarships it can offer to incoming freshmen. About 4,500 students receive scholarships funded through private gifts to the University. The goal of the drive, which includes a new matching fund program, is to increase by at least 50 percent the number of students who are helped through privately funded scholarships.

Under the new President's Scholarship Match, income from new endowed scholarships will be matched by funds from the University, doubling the impact of a donor's gift. To learn more about the matching program, call the University of Minnesota Foundation at 612-624-3333 or visit www.giving.umn.edu.

The U.S. Department of Homeland Security named the University of Minnesota one of three Homeland Security Centers of Excellence. A three-year, \$15-million grant will create the Center for

Post-Harvest Food Protection and Defense, a consortium of academic, private sector, and government partners, including three other universities (Wisconsin, Michigan State, and North Dakota State).

"The breadth and depth of food security knowledge we were able to pull together for this effort is unparalleled," said Frank Busta, food science and nutrition professor and principal investigator on the grant.

The University's Center for Minimally Invasive Surgery has been designated one of 11 U.S. centers for training surgeons in the use of the da Vinci Surgical System. In the system, a surgeon directs a robot with "hands" that can cut, insert, and suture without hand

tremor. The robot has two cameras, giving the surgeon a 3-D view, an advance over traditional laparoscopic surgery. "The biggest thing is that it enables you to do potentially complex operations that are impossible with a laparoscope," said Michael Maddaus (B.S. '78, M.D. '82), co-director of the U's Center for Minimally Invasive Surgery. "For instance, mitral valve repair requires very delicate sewing in the heart. You couldn't do it with a regular laparoscope." The da Vinci system promises reduced trauma to the patient's body, less anesthesia, smaller risk of infection, shorter hospital stays, faster recoveries, and less scarring.

Two of the worst diseases facing farm animals are the targets of College of Veterinary Medicine research and \$8.8 million in grants from the U.S. Department of Agriculture. University researchers are collaborating with peers at 20 other institutions and animal health experts from industry and government to develop prevention methods, identify vaccines, and create a regional eradication protocol for Johne's disease and porcine reproductive and respiratory syndrome. Johne's disease is a bacterial infection that causes chronic gastrointestinal inflammation in cattle and other ruminants like sheep, goats, and deer. The porcine syndrome causes respiratory

problems in growing pigs and reproductive failures in sows.

The University has received accreditation for research involving human participants from the Association for the Accreditation of Human Research Protection Programs, which recognizes high standards for protecting people in research. The U is only the ninth institution worldwide to receive the distinction. ■



Watch What Goes Down the Drain

Nancy Rothman spray-painted a stencil near a storm drain on the St. Paul campus while other College of Natural Resources staff members, Janelle Schnadt (left) and Jo Schroeder held it in place and Bobby Berwin consulted a map of storm drains. The stencil project, intended to alert people that the storm drains empty directly into the nearby Sarita Wetlands, was just one activity of Beautiful U Day, April 22.

Pauline Oo is a writer in the Office of University Relations.



Writing as Therapy

A conversation with author Shannon Olson

SHANNON OLSON (M.F.A. '99) likens being single over the age of 30 to having Dutch elm disease: "You're still standing but you're marked." With an uncanny ability to describe social phenomena through arboreal diseases, Olson has explored the single milieu from a decidedly quirky personal perspective in her two best-selling novels, *Welcome to My Planet*, *Where English Is Sometimes Spoken* and *Children of God Go Bowling*. Both books chronicle the life of a single woman named Shannon who lives in Uptown, dates, goes to grad school, and deals with parents, siblings, friends, marriages, and death, much like the real Shannon Olson.

In *Welcome to My Planet*, Shannon gamely tries to release her ties to bad boyfriends, marginal jobs, credit card-fueled Target binges, and a too close relationship with her mother and slowly inch toward the elusive land of adulthood. In *Children of God*, Shannon is in her 30s, surrounded by married friends and their children, and still searching for answers with an emotional honesty that raises her work above "chick lit," a genre defined by *Bridget Jones's Diary* by Helen Fielding (stories of imperfect career women looking for love).

Olson, who earned her undergraduate degree in French at St. Olaf College in Northfield, Minnesota, taught a writing class at the University in 2000 with Garrison Keillor (B.A. '66). She has also taught writing at St. Cloud State, Colorado College, and the Iowa

Summer Writing Festival.

Julie Schumacher, one of Olson's advisers at the U, read an early draft of *Welcome to My Planet*, which began as Olson's thesis project. "Shannon struggled through a lot of different drafts of the book, but what never varied or disappeared from the manuscript was the narrator's voice, which was always funny and insightful

and self-deprecating," Schumacher says. "Sometimes I kept the door to my office closed while I read it, so people wouldn't hear me laughing and think I was goofing off. It was easy to see that her sense of humor was something new and different, something readers would be hungry for."

Q: What made you think you could write in the first place?

A: Well, I'm narcissistic, so that helps. And I enjoy it. *Welcome to My Planet* was literally a coming-of-age story—me writing myself into a new place in my life. My advisers and mentors, Charles Sugnet and Julie Schumacher, gave me all kinds of encouragement. It was like facing one of those enormous stacks of oranges at the grocery store. They taught me how to take an orange out of the middle without the rest collapsing, how to get at the good things in the whole pile of your life.

Q: Some people have dismissed your work as chick lit. But your first book, *Welcome to My Planet*, sold to a publisher in just two weeks and clearly resonates with readers. How do you account for this?

A: I guess they liked my humor and the consistently real voice. . . . I hope that these stories go a level or two deeper than chick lit—whether or not to get a haircut and that sort of thing. I was hoping, through my experiences, to get at some bigger things in life like how we connect as people or miss each other, living in the moment, and finally how to be at peace with yourself. They're kind of about finding the everyday

spirituality in your life. That's where the title *Children of God Go Bowling* came from. Someone in my therapy group mentioned he felt most connected with other people when bowling because pretty much everyone sucks at bowling.

Q: Why call it fiction when the characters and the action are real?

A: That's funny. In grad school, we spent untold hours anguishing over the fine line between fiction and nonfiction. Publishers don't give a hoot. First books are largely autobiographical—changing names wouldn't change that. My friends would still recognize themselves and say, "That bitch wrote about me" [laughs]. Actually my friends and family are fine with the books. The characters are composites of people I've known, and sometimes I invented conversations. Fiction allows you to tell the story you want to tell without being a slave to details.

Q: What influence did the University have on your writing?

A: I am truly grateful for my time there, both as a student and a teacher. There is such life and variety; every class provided me with different models for being a writer. I learned from my time at the U that writing serves all different purposes—for me, it was kind of like therapy, a way of organizing my experiences. And I learned there is no reason not to write. Don't quit. Be patient. That's what I tell my students. Even if you never intend to publish, writing can serve a hundred other purposes.

Q: Have you used your French degree?

A: I guess not. Once I made a hotel reservation in Montreal in French but when I got there, they didn't have the reservation.

Q: What are you reading now?

A: I admit, I just finished some chick lit—*Slightly Single* [by Wendy Markham]. Mostly I read literary nonfiction. I admire Lorrie Moore, who teaches at UW-Madison, and Tobias Wolfe.

Q: What's next?

A: I'm researching a project that will be a departure from the first two books. I may go back to those characters later. And this summer I'm teaching at the Loft [Literary Center] and at the Iowa Summer Writing Festival.

Q: What's changed since you've become a best-selling, jet-setting author?

A: Well, book tours are really fun. At first I was nervous. I wasn't sure people in New York would get it. What if they didn't think the story was funny? Now I'm pretty relaxed and I love checking out the hotels. I still have all the soap and shampoo from the Ritz Carlton. After the first book came out and someone recognized me at Whole Foods though, I realized I can't go get coffee in my pj's any more.

—Sarab Barker

Bookmarks

BORN AMISH

By Ruth Irene Garrett and Deborah Morse-Kahn (B.A. '79)
Turner Publishing, 2004

Morse-Kahn, a specialist in the study of ethnic and religious communities in the Upper Midwest, and Garrett, who grew up Amish but left the Amish community as an adult, collaborated to create an authoritative and personal account of life in Amish society. The book explores the day-to-day life of an Amish child, including school, play, and chores; the reasons behind many Amish traditions and beliefs; and the spiritual journey every Amish person must take.

ECOLOGY FOR GARDENERS

By Steven Carroll and Steven Salt (Ph.D. '83)
Timber Press, 2004

Salt, an avid gardener who holds degrees in biochemistry and microbiology, paired up with Carroll, an environmentalist, to write a book that tells readers exactly what is going on in their gardens. This is not a how-to book, but a friendly ecological examination aimed at helping gardeners understand these miniature ecosystems. The authors explore plant reproduction, nutrient cycles, garden organisms and denizens, and plant functions. Then they explain the intricate interactions among all the players in a garden, including humans, and how gardeners might apply ecological principles to wisely manage their gardens.

GIVE HER THE RIVER: A FATHER'S WISH FOR HIS DAUGHTER

By Michael Dennis Browne
Atheneum Books for Young Readers, 2004

Browne, a poet and professor of English at the University, uses a river as a metaphor for a father's love for his child. Accompanied by rich illustrations, Browne's first picture book lyrically expresses the abundant offerings of a river—from swaying willows to a gliding heron—that a father dreams to give his young daughter.

MINNESOTA IN THE MAIL: A POSTCARD HISTORY

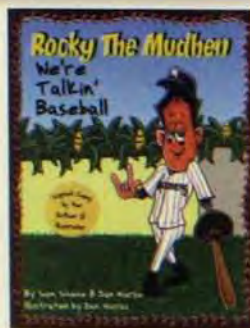
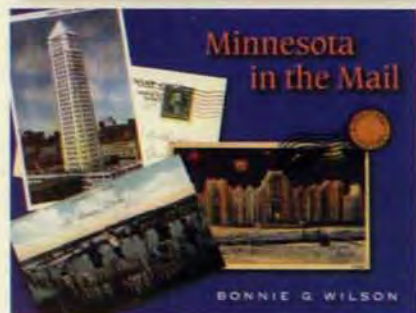
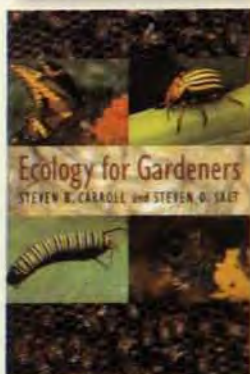
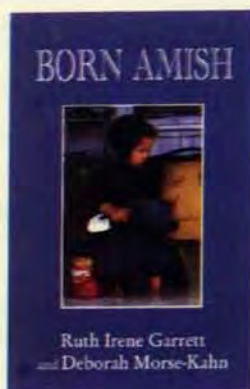
By Bonnie Wilson (B.A. '68, M.A. '72)
Minnesota Historical Society Press, 2004

Wilson, a curator at the Minnesota Historical Society, has selected visually captivating and historically significant postcards from the society's collection to highlight the moments in Minnesota history that postcards preserve. The author tells the history of postcards, including their golden age a century ago, and what insights can be gleaned from the images and messages they bear. The subjects in the book's nearly 200 postcards seem to remark on the culture of the day in Minnesota: grain elevators and train depots, roadside statues, northern Minnesota lodges and strings of fish, Native Americans, and the world's largest lefse.

ROCKY THE MUDHEN

Sam Shane (B.A. '86) and Dan Marso
Rabbit Ears Press, 2004

Shane, an anchor for MSNBC, and Marso, a cartoonist, combined their love of baseball and their desire to interest kids in reading to create a book for young readers about the exciting worlds of words and a favorite American pastime. Divided into nine "innings," the story follows Rocky the Rookie, who dreams of playing baseball for the Miesville Mudhens. Rocky, and readers, learn lessons in patience, determination, and self-confidence, as well as several inside-baseball vocabulary words.



Tomboys Can't

I decided to take a tap class last fall, which is about as wrong as a Teletubby attempting yoga. Still, it was something I was determined to do.

I have always loved to dance, though the concept of rhythm did not come easily to me. Growing up, I was told by physical education teachers and camp counselors, who used me as the stiff example of what not to do, that "some girls just aren't meant to dance" and "that's why God gave you a big frame." I came to believe that dancing was for the small, the graceful, the coordinated.

None of this kept me off the dance floor, however. I tore it up at clubs and weddings, especially during the '80s, when little more than "doing the trampoline" would pass for dancing. But I envied those who could dance with a partner or in a tutu without falling over. When the swing dance craze hit in the '90s, I couldn't bear to watch my friends having so much fun throwing each other around in church basements. I took a class and, by the end of the year, had a decent repertoire of moves.

I continued to take lessons off and on. I never got really good at anything—instructors often had to remind me that "it's dancing, not running" and encourage me not to be so aggressive with my partner—but I was having a great time. And I fell in love with the Lindy Hop.

With my new love of stomping, kicking, and leaping, I figured the next logical step was tap. I registered for a class at the University of Minnesota. Deep down I feared I was overreaching. I knew I could take this dance stuff only so far before someone would cut in and tell me to stay off the dance floor for good.

At the beginning of the first class, we formed three rows facing an intimidating wall of mirrors. In front, a pastel row of leotards with legs began warming up with the splits and other signs of *la danse*. I cast them aside as dance majors. To my relief, the second row was an average-looking crowd, though they seemed a bit too relaxed. (Was I the only one concerned with appearing like a cartoon?) I hid in the back with a curious mix of older students who looked like they were in the wrong place. Front and center stood Joe, the instructor.

Joe and I did not get off to a good start. He didn't think it was funny when I asked if, instead of purchasing dance shoes, it would be OK to put taps on my tennis shoes. A kind classmate rescued me, offering a spare pair of tap shoes and assuring me that I would do just fine. Then Joe led a few stretches and demo'd what was to

come in the next few months. It seemed reasonable and my confidence climbed. By the end of the first class, I wondered why I had been so intimidated.

By the end of the second class, I went home in tears. "Let's just see Mr. Grace Kelly on the racquetball court!" I huffed. "I'll show him how to tap dance."

"You mean *Gene Kelly*?" my boyfriend corrected. When I shot him the look of death, he retreated. "Was it that bad?"

"Yes. He told me I suck."

"Wow. Did he really say you suck? I didn't think dance teachers talked like that."

"Well, no. He told me I was doing it wrong. Translated, that means I suck."

In truth, all Joe did was give me a few pointers—showing me the right way to shuffle instead of letting me fake it and end up with an injury. Most dance teachers point out flaws so that everyone might learn from them. But it wasn't as if I had career plans for this tap stuff. Didn't Joe realize what a huge deal it was that I could even get my soccer feet to walk in these shoes? Didn't he understand that I was there just to have fun?

I didn't want to go back, but the part of me that hoped to embody one graceful thing before I died forced me to push on.

To my surprise, by the end of week three I was beginning to get the hang of it. The shuffles were coming along, and I was able to take my eyes off my feet for a few seconds at a time. I was feeling confident and having fun. I chastised myself for thinking of quitting and was even able to laugh at myself, especially at my reflection when doing crimp rolls, which made me look constipated. And after a tough class when Mr. Astaire seemed to be pointing out my flaws incessantly, I casually approached him after class to chat.

"Listen, Joe. I didn't mean to snap at you when you helped me with my f-lap-ball-chain."

"Ball-change."

"Ball-change. Right. Listen. I just want you to know that I really like this class a lot. Sometimes it just takes me a while to learn things. Anyway," I fumbled when he failed to respond, "I'm more of an athlete." I lifted my arms to pantomime the swinging of a racquet. "You know. I play racquetball and stuff."

"You'll be fine," he said. "You're doing fine."

"Really? I mean, I don't want to slow class down or anything. . . ."

"Don't worry about it."

Deliriously happy, I thanked him and biked home with renewed energy. Now that he knew that I knew I was a horrible dancer,

Dance

Who says the clumsy, the uncoordinated, and the big-framed should stay off the dance floor?
By Roxanne Sadovsky

he could let me learn at my own pace. I had given him an out—the chance to tell me to hang up my taps—but he didn't take it. After that, I couldn't wait for class.

The next couple of weeks were trying, however. Not only were we already learning a routine, but some of the moves seemed just plain silly, such as where we ostensibly trip ourselves. Not only that, but teach seemed to be losing his patience with me.

For a while, I was a good sport about it. I would acknowledge



my inability to shift my weight by making a crack about “trust issues.” After three more weeks of struggling to keep up, though, the dreaded day came when I couldn't do any of it. As the rest of the class shuffled in perfect sync, I trotted along on my training taps. Each time the class faced left, I would be facing right. For every heel pop made in unison, I was the dissonant scuff. Finally, I waved my hand wildly in the air and asked Joe if he could write down the steps so I could study them at home. To me, this was reasonable, but according to him, “we should know this by now.”

Furious, I stormed out of class. “I thought we agreed that he was going to cut me some slack,” I said to my boyfriend later that night. “We had that talk. He told me he'd go easy on me.”

“He said he'd go easy on you?”

“Well, that's what he meant. . . . This time I'm really not going back.”

At first, I was sure I shouldn't have. The classes were no longer fun and I became apathetic. If Joe wouldn't go easy on me, I wasn't going to bother trying. I wanted to make it as clear as possible that I accepted the fact that gals like me aren't expected to be dancers. Still, I reasoned, if Shannon Faulkner can go to the Citadel, tomboys have a right to attend a tap class.

Then, one day in the middle of the semester, something clicked. Inspired by the music, my all-time-favorite Louis Armstrong song, I threw my arms passionately to the left, which led me to take my eyes off my feet and to face the mirror. What I saw was incredible. I was tap dancing.

We were all tap dancing. In neat, crisp rows we clicked, spun, sweated, and shim-shammed like we owned the place. A stranger walking into the room would have taken us to be professionals.

No one was going to come along and tell us we weren't really, technically tap dancers just because we made a few mistakes. There was no denying that we—including me—were tap dancing.

Toward the end of the semester, I went up to Joe after class and thanked him. We were standing in the hallway outside the studio where we leave our street shoes.

“Sure,” he said. “That's what I like to hear.” He crouched down to pack up his things, then glanced up at me with a polite smile. “As long as you got something out of it.”

“It's been wonderful. Life changing,” I proclaimed. At this, Joe stopped tying his shoe and looked at me. “You showed me how to do something with my body that I had no idea I could do,” I continued. “Thank you.”

Joe looked genuinely surprised. It was as though he wasn't aware of the gift he was giving every one of his

students. At that point, I still believed that Joe was solely responsible for my learning to tap dance. I viewed him as one of the many dance police in my life who could, at any time, wag his finger and remind me “no tomboys allowed.” But Joe never thought I couldn't dance. In fact, the only one who ever thought I was a bad dancer—that I shouldn't dance—was me.

Turns out I *can* tap dance. I may not be terrific, but I really dig the feel of my feet riffing on the hardwood floor at my boyfriend's or shuffling along the ice cream aisle at Rainbow. I wasn't born with rhythm, but so what? I went and got some.

I probably won't take another tap class. Sure, part of me wants to be really, really good and dance around the furniture, from desk to sofa to rocking chair, in one graceful flow like Fred, but that would take me 10 lifetimes. Besides, there is this tango class I have my eye on. ■

Roxanne Sadovsky is currently completing her M.F.A. in creative nonfiction from the University of Minnesota. She lives in Minneapolis.

FIRST PERSON features personal essays written by alumni, faculty, students, or anyone with a University connection. To request writers' guidelines, write to Shelly Fling, Minnesota Magazine, McNamara Alumni Center, 200 Oak St., SE, Suite 200, Minneapolis, MN 55455; e-mail fling003@umn.edu, or visit www.alumni.umn.edu/minnesota.

**While research breakthroughs lead us into new territory,
the possibilities for a better world seem endless.
But public policy lags far behind, and researchers and the public
are left struggling to grasp and answer troubling
legal and ethical questions.**

By Meleah Maynard ■ Photographs by Dan Marshall

Where Research Meets Ethics

f researchers at a public university discover a cure for a devastating disease, should they rush to save lives with that new knowledge? Or should they reap the monetary benefits of that breakthrough in order to fund further research? What about scientific advances, such as the mapping of the human genome, which is unlocking the secrets hidden in DNA? Who is monitoring how this information is used?

The Consortium on Law and Values in Health, Environment & the Life Sciences was founded at the University in 2000 to tackle the challenging questions posed by the scientific advances that are leading us into new terrain—where old rules might not apply. Recently identified as one of University President Bob Bruininks' eight Interdisciplinary Academic Initiatives, the consortium links 16 of the U's centers and programs to examine the legal, ethical, and public policy challenges that accompany scientific advances. "The issues we're talk-

ing about are challenging," says Susan Wolf, chair of the consortium and a professor in the Law School, Medical School, and Center for Bioethics. "They have the potential to transform who we are and who our children are."

Through the consortium, interdisciplinary groups of U experts help the public and policymakers understand the controversy surrounding scientific advances and probe how law and ethics can inform discussions and decisions about these advances. "It's important to our mission that the consortium be interdisciplinary," Wolf says. "We strive to be inclusive and represent all the major viewpoints in a balanced way. We have a huge range of views within the consortium and I see that as a great strength."

With its interdisciplinary approach, the University's consortium aims to be a national leader in addressing the day's most critical issues surrounding scientific advances and policy. Here is a look at four of its recent and current projects.

Intellectual property rights and the developing world

The story of "golden rice" provides an example of the quandary universities and researchers can find themselves in when both intellectual property rights and helping the developing world are at stake.

Named for the yellow color it takes on from the beta-carotene produced by the genes inserted into it, golden rice is enhanced with pro-vitamin A, which the body converts to vitamin A. It is estimated that more than a half-million children go blind each year because of vitamin-A deficiency. After a decade of research, genetically modified golden rice was developed in 1999 by European geneticists Ingo Potrykus and Peter Beyer, who viewed their creation as a way to help alleviate suffering from vitamin-A deficiency in underdeveloped countries.

Obstacles to distributing golden rice in developing countries arose almost immediately. "Their research was publicly funded, but the technology behind it was patented," explains Regents' Professor Ron Phillips, a director of the U's Center for Microbial and Plant Genomics. "They found out that there were something like 72 different patents held by 40 different organizations, including universities. They had to get permission from all of those people."

Research universities increasingly are becoming embroiled in intellectual property rights debates because of the 1980 Bayh-Dole Act, which permits the patenting of federally funded research discoveries. These patents have brought royalties and recognition to schools and individual researchers, but they've also raised ethical and legal questions that are not easily answered.

Part of the problem is that patent laws were written with the proprietary interests of the private sector in mind. Many believe that a strict application of these laws to public universities puts these institutions in direct conflict with their mission to help alleviate problems around the world.

"Current law dictates that developing countries pay the same price for innovation as developed countries do," says Ruth Okediji, a University law professor and an expert on intellectual property law. "But these countries are mostly impoverished and can't afford to do that. Yet they are the ones who are most in need of some of this agricultural and pharmaceutical technology."

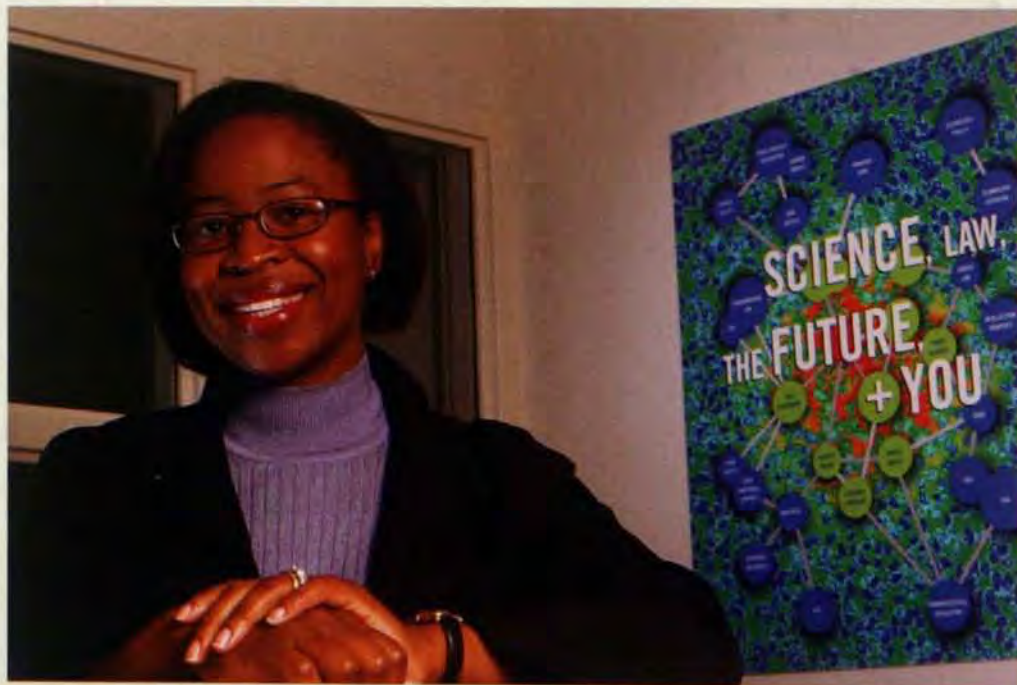
Okediji believes exceptions should be made to intellectual property rights policies to make life-saving technologies available to developing countries. "From a

legal standpoint, there is nothing right or wrong with granting property rights the way we do," she says. "But I would argue that we need to craft accompanying laws that make exceptions for the public good, because these are life-or-death issues. The reality is that while we're fighting legal battles over these things, people are dying because they can't get AIDS drugs or food technology that would alleviate starvation."

In April, the consortium and the Center for Microbial and Plant Genomics hosted a symposium on the obligations of U.S. universities to developing countries, where experts discussed golden rice and other intellectual property rights examples. Strategies for helping poor countries gain access to beneficial technologies were explored, including compulsory licensing of technologies and products that are not reaching the people who need them most, drafting licensing agreements to ensure distribution at a reasonable price, and the inclusion of a "humanitarian use" clause. "Humanitarian-use exemptions say that universities should have to provide the developing world with technologies they can't afford," Phillips explains.

As for golden rice, the story has a satisfying ending. Potrykus and Beyer were persistent, Phillips says. They convinced Syngenta, a agricultural biotechnology company, to negotiate with the parties that held patents in golden rice, often asking them to donate licenses for humanitarian reasons. (In return for brokering the deals, which took nearly a year, Syngenta received rights to the rice for use in the developed world.)

By 2001, five of the major patent holders had donated their licenses, allowing golden rice to move forward. "Once they got the license exemptions, they were able to deliver the first golden rice seed to the International Rice Research Institute in the Philippines,"



"THESE ARE LIFE-OR-DEATH ISSUES," SAYS RUTH OKEDIJI, A UNIVERSITY LAW PROFESSOR AND AN EXPERT ON INTELLECTUAL PROPERTY RIGHTS. "THE REALITY IS THAT WHILE WE'RE FIGHTING LEGAL BATTLES OVER THESE THINGS, PEOPLE ARE DYING BECAUSE THEY CAN'T GET AIDS DRUGS OR FOOD TECHNOLOGY THAT WOULD ALLEVIATE STARVATION."



"WE ARE TRYING TO COME UP WITH A WAY TO GET PEOPLE TALKING ABOUT THE ISSUES OF FOOD SAFETY AND MAD COW DISEASE IN A USEFUL, NON-REACTIVE WAY," SAYS WILL HUESTON, DIRECTOR OF THE U'S CENTER FOR ANIMAL HEALTH AND FOOD SAFETY. "AS A NATION, WE HAVE TO FIGURE OUT HOW TO BALANCE THE INTERESTS OF PUBLIC HEALTH AND PERSONAL CHOICE."

says Phillips. The rice will be tested over the next several years, and Phillips estimates it will be at least four years before the rice will be available to farmers, many of whom will be able to get it for free.

Following the recent symposium, Phillips and his colleagues began drafting a humanitarian-use clause for University-wide use. "We're excited about doing this," says Phillips, "and we've encouraged other universities to do the same thing."

The symposium papers will be published in the consortium's new journal, the *Minnesota Journal of Law, Science & Technology*.

Genetic testing and disability insurance

As director of the U's Center for Bioethics, Jeff Kahn has followed discussions about genetic testing. He sees the benefits of the science, but he is also mindful of the risks. "The mapping of the human genome will offer incredible information on health, disease, and behavior, and we all would like to reap those benefits without risk to our privacy and insurability," Kahn says.

Many fear that genetic test results will lead to discrimination by insurance companies who don't want to cover someone with a propensity toward a particular disease. Or, they argue, employers might deny employment based on genetic tests. In response to these concerns, many states have passed laws protecting the privacy of genetic information and barring discrimination based on test results. Congress has been considering a bill that would do the same.

As they've followed the debate on genetic testing, Kahn and his colleagues realized that a key issue was missing. "We were think-

ing about issues of ethics, genetics, and insurance, and we realized that in all of the discussion of genetic testing and health insurance or life insurance one important type of insurance was being overlooked: disability insurance," Kahn says.

Genetic testing has the potential to affect how we define disability. "Are we going to regard anybody with a genetic predisposition for a disability as disabled?" asks Wolf. "If you do that, then you're going to have people who are disabled from conception."

On the other hand, she continues, "If we say, well, no, the test only shows they are at risk for a disease, we'll wait and see if the disability manifests, the insurers may balk, refusing to ignore the probability or certainty of future disability. So the problem is, once you've got a crystal ball, what are you going to do with it?"

In July 2000, the consortium, the Center for Bioethics, and the Joint Degree Program in Law, Health & the Life Sciences received a National Institutes of Health grant for \$442,414 to assemble an interdisciplinary group of experts to examine and report on issues that arise when genetic information is used in connection with disability insurance. The project held a conference on the subject in 2003. The conference papers and an article announcing the group's recommendations will be published in the *Journal of Law, Medicine & Ethics*.

Wolf, a co-investigator on the project, says the report will focus on a wide range of issues, including the fact that disability insurance may be absent from debates about genetic testing largely because most people don't give enough thought to what they will do if they can't work.

"Data show that a large number of workers will suffer disabil-

ity in some part of their working life," Wolf explains. "Greater than 40 percent of mortgage foreclosures are due to a lack of disability insurance. People just don't plan adequately for disability. They think about life insurance, but people really ignore the fact that disability may interfere with their ability to earn income."

Given that working people often ignore the risk of becoming disabled and unable to work, they probably have not considered the risk of being denied coverage simply because they *might* suffer a short- or long-term disability.

"The consortium's work is focused on understanding those risks [to privacy and insurability]," Kahn says, "and how we can avoid or minimize them so that we can better take advantage of the benefits of genetic testing."

Haplotype mapping versus stereotyping

Now that scientists have sequenced the human genome, scores of successor projects are under way. One is the International HapMap Project, a partnership of scientists and funding agencies from Canada, China, Japan, Nigeria, the United Kingdom, and the United States. Launched in 2002, the \$100-million, three-year project brings together leading genetic researchers whose goal is to develop a haplotype map of the human genome. This public resource will help researchers find genes associated with diseases and the response to pharmaceuticals.

Haplotypes are groups of genes that tend to be inherited together. Haplotypes are of interest because the human genome is made up of about 3 billion base pairs of DNA (a base pair is a rung in the familiar DNA ladder, and the nucleotides forming the pair are typically identified by the letters A, C, T, and G). These letters appear in sequences, and two unrelated people will have the same DNA sequence about 99.9 percent of the time. It's the remaining one-tenth of a percent that contains gene variations responsible for physical and other differences among humans.

The hope is that the haplotype map will streamline the work of researchers by giving them a shortcut roadmap, of sorts, to use when analyzing DNA for specific diseases. Understanding which haplotypes are associated with particular diseases would offer tremendous opportunity for understanding why one person gets cancer or asthma while another does not.

The same gene variant information could also help pharmaceutical companies because it would also give researchers clues

to how a person is likely to respond to a particular drug, possibly saving patients from wasting valuable time on a course of treatment that will not benefit them or from a potentially life-threatening reaction.

But a haplotype map also raises a number of challenging concerns, many of which involve the issue of race. For example, to create the map, researchers are analyzing blood samples from hundreds of people in China, Japan, and Nigeria (Yorubas) and from U.S. residents of European origin. While acknowledging that these groups do not represent all the people of the world, scientists believe the diversity of geographic regions will allow them to catalog a wide range of haplotypes. Ultimately, researchers and epidemiologists may be able to use haplotypes to compare the genetics of someone with a common disease like diabetes to that of a healthy person.

The rationale behind the HapMap project may be sound, but many observers wonder whether a map whose samples are gathered in this way will further racial and ethnic stereotypes by linking certain groups with particular genetic characteristics. "Connecting race and ethnicity with genetic traits is not new," says Jonathan Kahn (not related to Jeff Kahn), a research scholar at the Center for Bioethics and a senior research fellow in the consortium. "When we start treating race as a genetic term, when it is actually more of a historical term, our not-so-distant history shows us what happens when we separate people by race: slavery, Jim Crow, and more recently, employment and insurance discrimination."

Concerns over the haplotype map are compounded by the fact that federal agencies and federally funded researchers are required to organize data according to the U.S. Office of Management and



"WILL DRUG COMPANIES USE RACIAL AND ETHNIC CATEGORIES TO DECIDE WHAT GROUP TO SERVE AND WHAT DRUGS TO DEVELOP?" ASKS SUSAN WOLF, A PROFESSOR IN THE U'S LAW SCHOOL, MEDICAL SCHOOL, AND CENTER FOR BIOETHICS. "UNFORTUNATELY, THERE IS ALREADY SOME SIGN OF THIS."

Budget's Directive 15, known as OMB 15, Kahn explains. Race and ethnicity categories used in the U.S. Census are based on this directive and are routinely challenged for not being adequately diverse or for not addressing distinctions between ethnicity and race. "OMB 15 categories are highly questionable in the context of genetics because they are not genetic categories," says Wolf.

The HapMap project is a work in progress, and how the haplotype categories it generates will be reconciled with the social categories in OMB 15 has not yet been determined. So Kahn and his colleagues decided to explore the issue, and in July 2003 the consortium received an National Institutes of Health grant for \$564,300 to study the "collision" between haplotypes and the OMB 15 categories of race and ethnicity.

"There has already been a very active debate within the haplotype mapping project about how the information it generates will be organized and used," Wolf says. "How will you avoid making social categories of race and ethnicity look biological? What are the appropriate uses, if any, of race and ethnicity categories in genetic variation research and clinical practice?"

As an example, Wolf points to the impact the haplotype map may have on the pharmaceutical industry. "Sequencing the human genome and now developing a haplotype map may allow pharmaceutical companies to streamline drug development and tai-

lor drugs to particular haplotypes that respond well," she says. "But this raises ethical questions. Will drug companies focus on developing drugs only for certain haplotypes? Will they abandon others? And will they use racial and ethnic categories to decide what group to serve and what drugs to develop? Unfortunately, there is already some sign of this.

"We hope our project will encourage nuanced and responsible use of haplotype information on genetic variation, as well as of racial and ethnic categories in biomedicine," Wolf says.

Public dialogue about mad cow disease

If, as Will Hueston expects, more U.S. cattle are found with mad cow disease, he is most concerned about how the nation can be prepared for a rational discussion. "We're trying to come up with a way to get people talking about the issues of food safety and mad cow in a useful, non-reactive way," says Hueston, director of the U's Center for Animal Health and Food Safety.

Last December, a 4½-year-old Holstein in Washington state was found to have the nation's first case of mad cow disease. Investigators eventually traced the cow back to Canada. But the discovery left many wondering whether there might be more cases in the United States and intensified calls for more regulation and testing, as well as a national system for tracking cattle from birth to slaughter.

While there is a chance that the so-called "cow who stole Christmas" was an isolated incident, Hueston doesn't think that is the case. An expert on mad cow, a degenerative brain disease known as bovine spongiform encephalopathy (BSE), Hueston predicts that three or four more cases will be found in the United States in the near future.

Some of those cases may arise this summer as the nation's first widespread cattle testing program gets under way. The \$70 million program, which comes in response to concern over BSE, aims to test about 200,000 cattle deemed most likely to have the disease because they meet at least one of these criteria: died on the farm, showed outward evidence of brain disease, or couldn't stand on its own. About 450,000 cattle meet these criteria annually, Hueston says, so the testing sample is large enough to offer an accurate picture of the presence of BSE in the U.S. food supply.

Hueston is so confident that another case will be found, he has already begun talking with colleagues in the consortium about how the University can lead discussions on the next case of mad cow before it is discovered, after which dialogue is likely to be clouded by fear. One of the consortium's strategies for getting the word out about future cases of BSE will be to call on the same media that often seek Hueston out for commentary on mad cow disease.

"We don't tend, as a public, to talk about things that haven't happened yet," says Jeff Kahn. "News is a reactive medium, and the media call when there's been an outbreak or scare of some kind. We're hoping that the launching of the [cattle] testing program will offer an opportunity for public discussion on some of these issues. . . . We need to do this now while we can have a level-headed, informed discussion rather than the reactive kind of feeding frenzy that will follow an outbreak."

About the Consortium

The U's Consortium on Law and Values in Health, Environment & the Life Sciences includes a joint degree program, which offers students an opportunity to combine a law degree with a graduate or professional degree in health, environment, or the life sciences. In May, the five-year-old program graduated its third class of students.

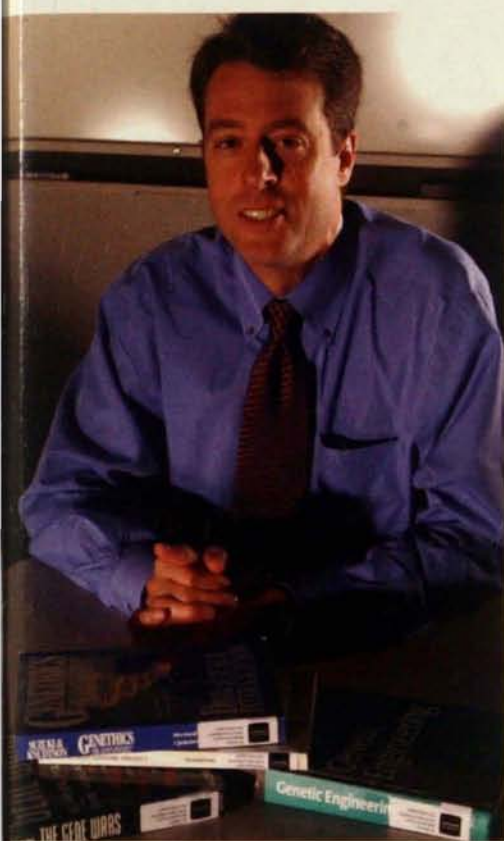
The consortium also gives "seed grant" funding to student and faculty researchers, sponsors public conferences and lectures, offers student scholarships, and conducts outreach to industry and the community. In December, the consortium launches the first issue of a new journal, the *Minnesota Journal of Law, Science & Technology*.

Sustainability depends on establishing a more stable financial base, says Susan Wolf, director of the consortium and its joint degree program. "We've had some fund-raising success, but these issues touch so many industries we're hoping we will soon see broader financial community involvement." Long-term goals include hiring three or four additional faculty members and endowing a chair.

The consortium includes the following member centers and programs at the University:

- Joint Degree Program in Law, Health & the Life Sciences
- Center for Bioethics
- Stem Cell Institute
- Biomedical Genomics Center
- Institute of Human Genetics
- Genomics Planning and Coordinating Committee
- Center for Infectious Disease Research & Policy
- Center for Animal Health & Food Safety
- Center for Neurobehavioral Development
- Program in Agricultural, Food, and Environmental Ethics
- Center for Environment & Health Policy
- Center for Plants and Human Health
- Center for Microbial and Plant Genomics
- Center for Science, Technology, and Public Policy
- Water Resources Center
- Center for Spirituality and Healing

For more information on the consortium, visit www.lifesci.consortium.umn.edu.



"THE MAPPING OF THE HUMAN GENOME WILL OFFER INCREDIBLE INFORMATION ON HEALTH, DISEASE, AND BEHAVIOR," SAYS JEFF KAHN, DIRECTOR OF THE U.S. CENTER FOR BIOETHICS. "WE WOULD LIKE TO REAP THOSE BENEFITS WITHOUT RISK TO OUR PRIVACY AND INSURABILITY."

Hueston has a long list of questions concerning mad cow disease. For starters, how big of a threat is the disease to U.S. consumers? Hueston believes it is "highly unlikely" that people in the U.S. will contract BSE. But because the issue affects our food supply and our national love of beef, he believes the perceived threat posed by BSE is "very likely to cause worry and impact lives and the livelihood of cattle producers, food suppliers, consumers, and public officials."

That's why Hueston, Kahn, and others in the consortium are making it their mission to get people talking about some of the larger issues of food safety. "As a nation, we have to figure out how to balance the interests of public health and personal choice," Hueston says.

One of the benefits of a university leading discussions on an issue like mad cow disease, says Kahn, is that it is viewed as offering unbiased information. "We can

engage in proactive public education because we are not viewed as having vested interests like, say, the cattlemen's association. Our job is to provide the context for the public to think about this. We aren't out to tell people what to think."

Hueston credits the consortium's interdisciplinary approach to such challenging issues for creating meaningful dialogue about topics like mad cow disease. "You wouldn't normally have these discussions because someone would say that an issue

was outside their purview," he says. "But as a student of mine once said to me: 'I'm being trained as a multiple-choice professional, but I'm living in a short-answer world.'"

Hueston agrees that there are no easy, short answers to the kinds of problems arising in the world today. "It's going to take all of us to solve them," he says. ■

Meleab Maynard (B.A. '91) is a Minneapolis freelance writer.

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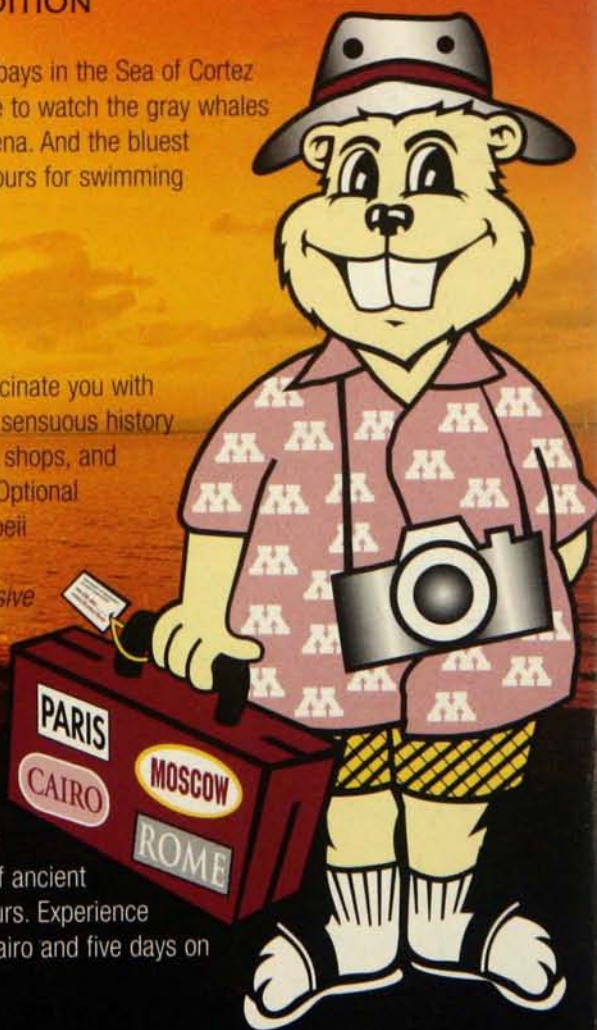
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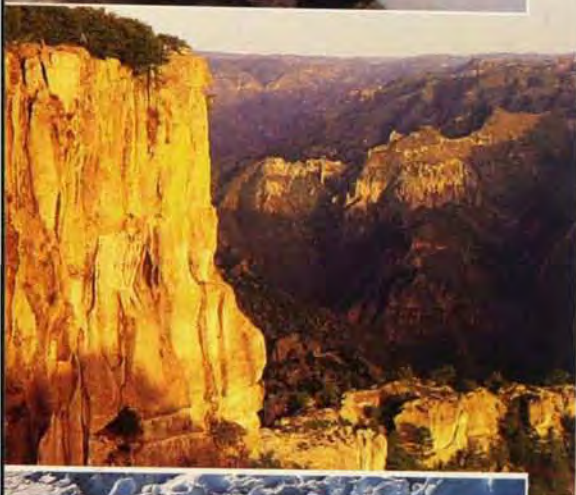
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A refreshing get-away to the Bernese Oberland and fairytale Lucerne regions. Explore the world-famous mountains of Interlaken and the charming resort towns of Grindelwald and Wengen.

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IRELAND-KINSALE

(Alumni Campus Abroad)

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From \$2,095 plus air

FJORDS & GLACIERS OF ALASKA'S HIDDEN PASSAGE

August 12-19, 2005

Sail to wilderness areas where no large ship can navigate aboard the 138-passenger *Yorktown Clipper*. See humpback whales, vast glaciers, hidden fjords, mountain goats, and harbor seals.

From \$2,495 plus air



PASSAGE OF PETER THE GREAT

September 14-26, 2005

Explore the great cities of Moscow and St. Petersburg, and the villages on the waterways that connect them—including Goritsy, Uglich, and Yaroslavl, aboard a 110-passenger deluxe Russian river ship.

From \$2,995

TUSCANY-CORTONA

(Alumni Campus Abroad)

August 31-September 8, 2005

The ancient Etruscan city of Cortona inspired the book and movie, "Under the Tuscan Sun." Reside in a peaceful inn surrounding olive groves and visit Perugia, Siena, Florence, Assisi, and Montepulciano.

From \$1,895 plus air

EXPLORING VIETNAM

September 2-14, 2005

Aboard a 130-passenger river ship, experience the dramatic coastline, white-sand beaches, rain forest-covered mountains, and canals of Vietnam. Visit national parks, resort towns, and vibrant cities.

From \$5,995 plus air

IRELAND: KILKENNY & KILLARNEY

September 9-17, 2005

Lush green fields, rugged mountains, and deep blue lakes. Medieval Kilkenny and Camelot-like Killarney are surrounded by fascinating islands, castles, galleries, cafes, and shops. Lots of optional excursions!

Approximately \$1,649 air-inclusive

SPAIN-RONDA

(Alumni Campus Abroad)

September 19-28, 2005

Explore this extraordinary land of orange trees, flower-filled patios, and flamenco. Travel to romantic Seville, roam the resort towns of Costa del Sol, cross the Straits of Gibraltar to mysterious Morocco.

From \$2,295 plus air

SOUTH AFRICAN WILDLIFE SAFARI

September 22-October 2, 2005

This exhilarating journey is an in-depth exploration of South Africa, from the cosmopolitan charm of Cape Town to the intimate nature of Thornybush Game Reserve and Sabi Sand Game Reserve.

From \$4,895 plus air

GERMANY & SWITZERLAND

September 30-October 8, 2005

The hillside towns of the Black Forest offer quaint restaurants, tempting shops, and friendly ambience amid vivid countryside.

The enchanting beauty of the majestic Alps is yours to behold in Lake Geneva.

Approx \$1,599 air-inclusive

EXPLORING THE AZORES

October 4-11, 2005

Off the southern coast of Portugal, the Azores are nine volcanic islands. The waters abound with an astounding number of whales, dolphins, and birds—and "one great garden" describes the land.

From \$4,000 plus air

WATERWAYS OF FRANCE

(Alumni Campus Abroad)

October 7-15, 2005

Sail into the heart of France! Explore timeless Paris, artistic Auvers-sur-Oise, the gardens of Fontainebleau and Giverny, the Gothic charm of Sens, and the treasures and tastes of fabled Chablis.

From \$2,295 plus air

SAXONY CRUISE ON THE MAGNIFICANT ELBE RIVER

(Alumni Campus Abroad)

October 17-26, 2005

Berlin is the perfect starting point for this intriguing land-and-river journey into one of Europe's most majestic and historic regions. Explore Potsdam, Wittenberg, Dresden, Meissen, Prague, and more.

From \$2,495 plus air

CALIFORNIA WINE & CUISINE CRUISE

October 21-26, 2005

An insider's look at spectacular wine country from Redwood City to Sausalito, Napa Valley, and San Francisco. Enjoy special tastings at premier wineries, cuisine by master chefs, and expert lecturers.

From \$2,195 plus air

IN THE WAKE OF LEWIS & CLARK

November 3-10, 2005

Revisit one of the greatest explorations in history along the Columbia, Snake, and Palouse Rivers. This expedition offers an adventurous yet thoughtful focus on this region's nature, history, and culture.

From \$2,000 plus air

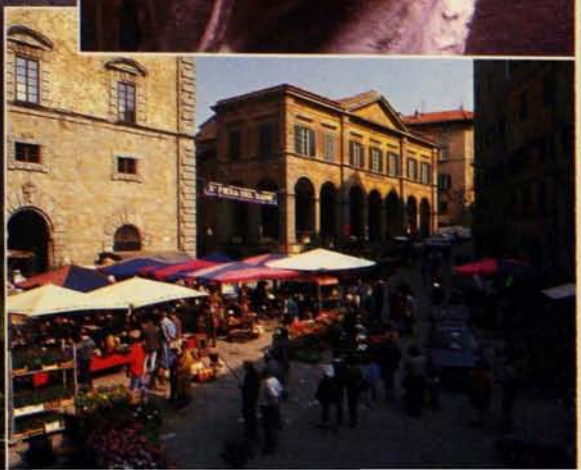
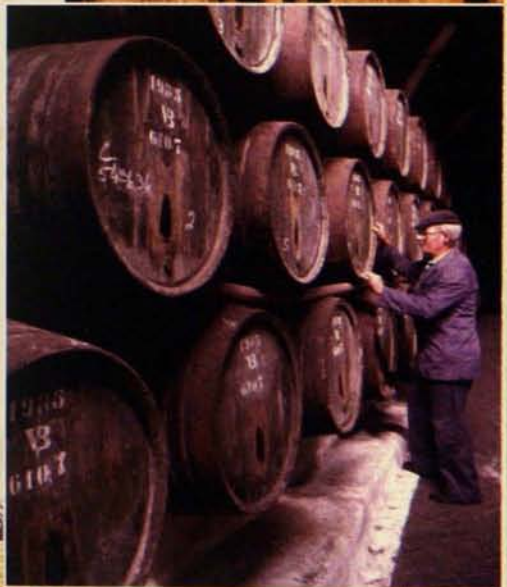
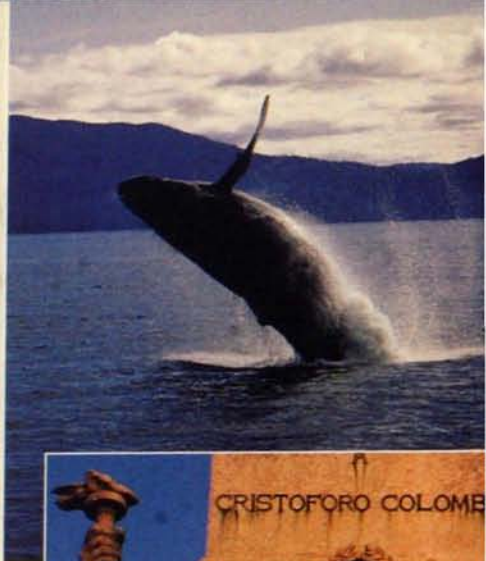
EXPLORING THE YACHTSMAN'S CARIBBEAN

December 29, 2005-January 5, 2006

Ring in the New Year on the sparkling blue Caribbean Sea! This voyage is not the typical big cruise-ship experience—you'll visit secluded areas away from the crowds aboard a 138-passenger ship.

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A NORTHERN PACIFIC RAILROAD BARN, CIRCA 1875, LOCATED ON THE STAGECOACH ROAD NORTH OF ANOKA. THE BARN WAS USED AS AN OVERNIGHT SHELTER FOR TRAVELERS ON THE STAGE LINE.

A Loss on the Landscape

Old barns are a dying breed in Minnesota.

But one photographer is documenting these historic structures and helping to preserve a piece of our past.

Words and photographs by Doug Ohman



KNOWN LOCALLY AS THE MOODY BARN, THIS ROUND BARN IN CHISAGO COUNTY WAS BUILT IN 1915 AND IS LISTED ON THE NATIONAL REGISTER OF HISTORIC PLACES.

WHY PHOTOGRAPH AN OLD BARN?

In the early 1990s, as I was developing my photography interest in rural architecture, I began to take note of the barns along the highways and back roads of Minnesota. I had always noticed these buildings—they're hard to miss—but I had never paid much attention to them. I have since photographed nearly 1,000 barns in the state, and that is only scratching the surface. But time is slipping away; every year we lose a hundred or more of these historic treasures to neglect and development.

Although barns are symbolic of the Midwest, barn history quite often is not known or understood. The barn is a

familiar symbol to the eye, but an old barn is not just a simple, white or red rectangular building with a gambrel roof. It is a structure that played a critical role in lives, economies, and our culture. Every old barn has a story and a history tied closely to the state and its people. My goal is to help document the barn story.

In the early days of settlement in Minnesota, most farms were producing cash grains such as wheat, barely, and oats. By 1880, Minnesota was one of the largest producers of wheat in the nation. A barn commonly called a "three-bay threshing barn" or "Yankee barn" was the most common on farms of this era. A common characteristic of the Yankee barn was the steep roofline and the large double doors on each gable end. Most were also built of solid timbers on a fieldstone foundation without a basement.

By the turn of the century, farming began changing from grains to dairy, and the Yankee barn soon became obsolete. In

its place, the "dairy barn" began to be seen throughout the Midwest. These barns were plank construction and featured cement basements, windows, and haymows. These large gambrel and Gothic roof barns became symbols of a 20th-century farm.

In the late 1890s, round barns—more efficient for the feeding of cows—began to appear on the Minnesota landscape. By 1930 the state had nearly 200 round barns. Most were constructed in southeastern Minnesota but they can be found in every area of the state, with the exception of the Arrowhead region. Another unusual barn occasionally still found today is the mail-order barn. Sears and Montgomery Ward sold farmers complete barn kits, with each piece of lumber and hardware component numbered for easy assembly.

Today, the oldest barns in the state—in the counties surrounding the metropolitan area—are victims of urban sprawl, with developers buying farm land for home



A MONITOR-ROOF HAY BARN, CIRCA 1925, IS ALL THAT REMAINS OF A RED RIVER FARM IN POLK COUNTY.



A SMALL, WESTERN-STYLE BARN, CIRCA 1910, LOCATED ON A SMALL SUBSISTENCE FARM IN CENTRAL MINNESOTA'S AITKIN COUNTY.



A LARGE DUTCH-STYLE FEEDER BARN, CIRCA, 1890, IN LAC QUI PARLE COUNTY, ON THE WESTERN MINNESOTA PRAIRIE.

A SMALL STONE DAIRY BARN, CIRCA 1915, ON A GERMAN FARM IN LE SUEUR COUNTY.



A CLASSIC ROUND DAIRY BARN BUILT IN 1918 THAT CONTINUES TO BE USED TODAY, IN SCOTT COUNTY.



construction. In greater Minnesota, the family farm is losing ground to corporate farms, which require larger farm buildings—pole barns—to house their modern machinery.

My knowledge of barns comes from reading everything related to them I can get my hands on. I stop and talk to farmers, young and old, asking them whatever they might know about the barns on their farms. Most often, I simply drive rural Minnesota in all seasons exploring these treasures.

In recent years, Americans have shown a heightened interest in the nation's barns. Much credit goes to the work of the Smithsonian Institution's "Barn Again! Celebrating an American Icon" program, which includes a traveling exhibit that is visiting Minnesota in 2004–05. Sponsored by the National Trust for Historic Preservation, the goal of "Barn Again!" is to preserve historic farm buildings. It provides

information to help owners of historic barns rehabilitate them and put them back into productive use on farms and ranches.

My study of barns has prompted me to think more about our history and the values represented by these vanishing icons. If through photography I can help, in some small way, to capture and preserve this piece of our past, I have the answer to the question: Why photograph an old barn? ■

Doug Ohman (B.A. '84), who earned degrees in geography and history from the University, is a freelance photographer living in New Hope, Minnesota. He gives a slide presentation, "Heart of the Farm," to groups throughout Minnesota and is working with the Minnesota Historical Press on The Barns of Minnesota, due out in April 2005. For information about the "Barn Again!" exhibit in Minnesota, which includes Ohman's photographs, visit www.minnesotahumanities.org.

Gopher Gambol

A preview of the upcoming Gopher football season, with insights from head coach Glen Mason, a profile of kicker Rhys Lloyd, a stadium update, and more.

By Chris Coughlan-Smith

F YOU BELIEVE the buzz around the Gopher football program, last year's record-setting season could be just a prelude. The *CNN-Sports Illustrated* preseason poll puts Minnesota among the 10 best in the nation, while *College Football News* predicts the Gophers will challenge for a Big Ten title. Even head coach Glen Mason, normally hesitant to make such pronouncements, says, "We've got a good, solid football team. We should be very, very competitive in the Big Ten Conference."

The reasons for the optimism are easy to understand: Minnesota returns most of the Big Ten's top offense, a group that set team records for scoring, rushing, and total offense. Most of the defense has been together since 2002 and looks ready to move up from the middle of the Big Ten pack. The Gophers have an unflappable kicker who made two game-winning field goals last year. The entire coaching staff returns after eight- and 10-win seasons highlighted by two consecutive bowl wins.

The season doesn't open without some concerns, however. The defense, which had too few sacks and turnovers last year, is not as big as many in the Big Ten and must rely on fundamentals and speed. The kick coverage team allowed



Sophomore Laurence Maroney, the 2003 Big Ten Freshman of the Year, gives Minnesota two 1,000-yard running backs and one of the best rushing offenses in the nation.

almost as many yards as the talented return men gained for them. And the Gophers have a starting quarterback who has thrown one pass in college.

Sophomore quarterback Bryan Cupito mainly will hand the ball off to the best running back pair in the nation: junior Marion Barber III and sophomore Laurence Maroney. Minnesota will have to develop enough of a passing attack to keep defenses honest, but the team features a strong offensive line, led by all-American candidate Greg Eslinger, a junior center, and three other returning starters. The Gophers have two deep-threat wide receivers and a number of shorter passing options as well.

The Gophers' 2004 schedule presents both a challenge and an opportunity. After years of complaints about too easy a nonconference slate, Minnesota gets a pair of real tests this year in Toledo, a preseason top-25 team, and Colorado State, which has won eight games six times in the past decade. The Big Ten schedule features a stiff early test—at Michigan on October 9—but otherwise stacks up well. The traditional final two games with Wisconsin and Iowa could make the difference between a good season and a great one.

A Solid Team

Since 1997, when Glen Mason took over the Gopher football program, Minnesota has won eight games twice and 10 games last year. The Gophers have ended the season ranked in the top 20 twice (in 1999 and 2003) and been to four bowl games in the last five seasons.

Minnesota magazine sat down with Glen Mason in May to discuss the upcoming season.

Q: AT THE START OF LAST SEASON, would you have thought a 10-3 record was possible?

A: Well, you have to go back to the Big Ten meetings in August 2002, when people didn't think we were going to be very good for a variety of reasons, primarily the youth of our team. I thought they'd missed the mark. I went on record as saying we'd be better than people were thinking, and that if we were good in 2002, watch out for 2003. We won eight games in 2002, and that positioned us to have an opportunity to make something great happen in 2003. We had a chance to make



Glen Mason enters his eighth season at Minnesota looking for a fifth bowl berth in six years.

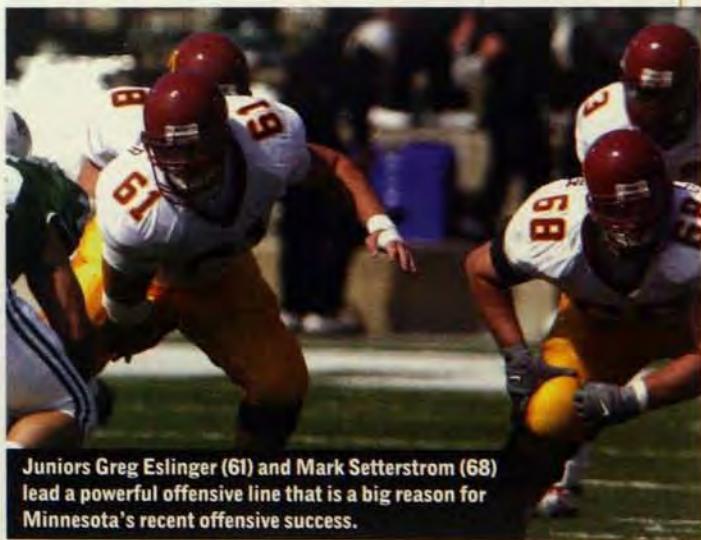
something really great happen, but at the end of the season we were sitting with nine wins, which I thought was a good season. However, it turned around again by winning our bowl game to give us 10 wins, which I thought made it a great season.

Q: The biggest question this spring was who would be quarterback. Did someone emerge and show he's capable of taking over?

A: Bryan Cupito [a redshirt sophomore from Cincinnati] did a really good job in spring. He's not a rookie; he's been around here a couple of years. I couldn't be happier with the way he performed in spring practice, and he answered a lot of the concerns we had.

It's a matter of [his] playing and getting experience. He has shown everything up to this date that he'll be able to handle it. If you equate where he is from a mental standpoint with running our offense and understanding our offense, he has progressed a lot more, at this point in his career, than either Asad [Abdul-Khaliq] or Benji [Kamrath, last-year's quarterbacks] had.

Let's face it, we're predicated on running the football. People have to "cheat" to stop us and then we have to find ways to exploit that [with quick passes and other means] and [Cupito's] abilities fit that.



Juniors Greg Eslinger (61) and Mark Setterstrom (68) lead a powerful offensive line that is a big reason for Minnesota's recent offensive success.

Q: Do you pay attention to the buzz surrounding your team?

A: Those preseason predictions don't mean a darn thing. That doesn't mean I'm not aware of them because I know people are aware of them. Everywhere I go people are aware of the success we've had the last two years. There's no doubt in my mind that there's a different level of anticipation with Gopher fans for this season.

Q: What are your expectations for the season and how will you measure if it's a success?

A: We won eight games in 2002 and 10 games in 2003; we have almost everybody back; we have our entire coaching staff back; we've played in four bowl games in five years and won our last two bowl games. People will tell you the next logical

progression is to play in a January 1 bowl game. I don't get caught up in that because if you take care of your business, those things will take care of themselves. But we've also been passed over [by bowls] a couple of times, which is no fault of any kid on this team or any coach on this team. Those are political or financial decisions that have nothing to do with how good your football team is.

But we've got a good, solid football team. We should be very, very competitive in the Big Ten Conference. If you are competitive, then the difference between winning 10 games and winning it all can be the blink of the eye. We won 10 games last year and two of those wins were last-second field goals. Miss those and then we win eight games. . . . You have to keep pushing, and I think we're awful close.

Q: You've said that to develop the feeling of being a team rather than a collection of individuals is one of the most important things. Is this group of players a team?

A: I don't think there's any doubt that we're a team. The most important reason we've been able to turn this program from a loser to a winner is that we've been able to come together as a team. Everyone outside wants to focus on individual players, individual accomplishments, but that doesn't really get you anything. As our team has improved talent-wise, it has been more apparent that we're a good solid team too. But that structure and foundation of the team, of being a team first, has always been in place. . . .

We have more depth now as a football team than at any time since I've been here. We've got a good group of kids with an outstanding attitude, and what they've been able to accomplish in 2002 and 2003 has made their determination solid for the things we can accomplish in 2004.

Getting His Kicks

Gopher kicker Rhys Lloyd is as relaxed as he is reliable.

A football kicker stands useless on the sidelines for long stretches. Then, in one moment, all eyes are on him and whether his team wins or loses depends on him. But that doesn't bother Gopher kicker Rhys Lloyd. "Pressure just doesn't get to me," the Dover, England, native explains. "When the other team calls a time-out to 'ice' me, it gives me more time to relax. My mom says if I were any more laid back I'd fall over."

"NOT MUCH BOTHERS HIM, I'll tell you that," says Gopher head coach Glen Mason. "Obviously it's a pressure situation, when you start trying to get into position for a field goal to win. He seems eager to step up and take a swing at it."

And twice last year—against Wisconsin during the regular season and Oregon in the Sun Bowl—Lloyd's swings produced last-minute wins. More important, Lloyd didn't simply fill a hole when the Gophers needed a kicker. He gave a team that was unsure about its kicking game a standout. He set a school record by making 59 extra points (in 61 attempts), while his 52- and 54-yard field goals rank as the fifth and eighth longest in Gopher history. Lloyd also took over punting chores in the season's third game and averaged nearly 40 yards per kick.

But the senior, who moved to Apple Valley, Minnesota, at age 15, almost never played football at all. His first kick, delivered while goofing off with his track teammates at an NFL Extreme Challenge display, was witnessed by the Eastview High School football coach. "I ended up cracking

the head on one of the wooden defenders they had set up," Lloyd recalls. "Right there the coach said I ought to think about kicking for the football team." Lloyd had been following in the footsteps of his father,

Bryn, who played soccer in the English Premier League. But the football coach called Bryn Lloyd, then Eastview's soccer coach, and suggested Rhys give football a try for his upcoming junior season.

Lloyd continued playing both soccer and football and ended up with scholarship offers in both sports. "My dad and I talked about it a couple times a week and we agreed that, as far as a career goes, football would be the way to go over here." After high school, Lloyd attended Rochester Community and Technical College, where he polished his academics and his kicking. After two good years there, he was ready for the University of Minnesota. But paperwork and delays in obtaining his international-student visa threatened to keep Rhys from becoming a Gopher. "We really didn't have a kicker or punter in-house," says head coach Glen Mason. "We weren't sure



After the game-winning field goal against Wisconsin, Rhys Lloyd outraced his teammates to the Wisconsin bench to retrieve Paul Bunyan's Ax, the trophy that goes to the winning team.

what we were going to have.”

Just the day before the 2003 opening game against Tulsa, Lloyd was declared eligible and took over the kicking duties. But Minnesota still needed a punter. Most punters catch the ball hiked from the center, take two steps forward, and kick. Lloyd catches the ball and often takes off running to one side or the other, giving it a boot in mid-stride before he reaches the line of scrimmage. The unusual style, which keeps opponents guessing, is something he ad-libbed while being rushed in a game at Rochester, where he punted for the first time.

“[The Minnesota coaches] saw it on the film and said, ‘Let’s do that,’” Lloyd recalls. “It was a weapon Coach Mason wanted to put in.”

Lloyd, who likes to play guitar and golf in his spare time or “just chill with friends,” is never lax about who is responsible for his makes and misses. “You hear kickers blame the wind or the other players or something, but I never do that,” he says. “It’s all down to me. I just tell the holder to put it down, I don’t care if the laces are in or out. I just kick it straight and hope it goes through.”

Tackling Academics

Assistant coach Richard Wilson helps football Gophers succeed academically.

WHEN RICHARD WILSON walked into Gopher football head coach Glen Mason’s office three years ago to interview for the wide receivers coaching job, he liked what he saw. The outer office features oversized photographs of Mason posing with each year’s graduating seniors in their caps and gowns. “We talked about those pictures in the interview, and it really impressed me that he takes this so seriously,” Wilson says. He later learned that of students who finish their football eligibility at the U, almost 90 percent graduate. “The commitment really comes from the top here, and it only reinforces where I’ve been in my career.”

This spring, Wilson won the inaugural Partnership Award, given by the department’s Academic Counseling and Student Services unit for outstanding efforts in helping student athletes succeed academically. “Coach Wilson went above and beyond for all his students,” says Francine St. Clair, assistant director of the counseling office. “All the coaches work on making sure their students get to class and do their work, but he gives his extra time to working with the students, especially on their time management skills. And he talks to them about what it means to be a man and to be a success.”

Growing up in Hope, Arkansas, Wilson says his family

made school a top priority. “I had the neighborhood basketball hoop,” Wilson recalls, “but I couldn’t go out and shoot hoops with the fellas after school until I finished my homework.” After playing for Lou Holtz at Arkansas, Wilson began his coaching career in 1981, as a high school coach and science and health teacher. His first two college coaching jobs were for coaches who stressed academics, holding daily discussions about student achievement as well as athletic success. “It was kind of ingrained in me,” Wilson



Assistant coach Richard Wilson has made academics a priority since his youth, when he was a student athlete.

2004 Gopher Football Schedule

September 4	TOLEDO
September 11	ILLINOIS STATE
September 18	At Colorado State
September 25	NORTHWESTERN
October 2	PENN STATE
October 9	at Michigan
October 16	at Michigan State
October 23	ILLINOIS
October 30	at Indiana
November 6	at Wisconsin
November 13	IOWA

For the Gopher football roster, player and coach bios, and other news and notes, visit www.gophersports.com.

says. "I've worked for a couple of coaches where it was more lip service. But Glen's commitment and pride in his graduates impresses me. That's what I really cut my teeth on."

With commitment from the top and an academic support unit he calls "fantastic and

beyond supportive," Wilson is comfortable promising recruits they will graduate. "Once you've gone into those homes and looked into those parents' eyes and assured them that you will take care of their children and get them a good college education," he says, "it gives you an extra kick-start."

Cannon Man Sounds Off

Rod Wallace helps Minnesota celebrate every score.

ROD WALLACE, who built and owns the Thunderbird Hotel and Convention Center near the Mall of America in Bloomington, has fired a cannon after every Gopher football score in the Metrodome for the last 11 years. Although he never attended the University, having entered military service on his 18th birthday, Wallace is also a major University donor, having given money to renovate the interior of Burton Hall, to install an indoor field in the Gophers' football practice facility, and more.

Q: How did you become Cannon Man?

A: The Goal Line Club [a football booster club], which I helped to found, started with a cannon that made noise through the PA system. That didn't seem to suffice. I did a lot of sailing, so I came up with the idea of bringing a [sailing race] starting cannon and using it at the Dome. We tried it out and it made a lot of noise. I've been the infamous Cannon Man ever since.

Q: What does the cannon shoot?

A: We fire a 10-gauge shell with various different powders inside. Usually, it's six grams of powder. When the Dome used to be almost empty, we went down to four grams. When it's full for Iowa or Wisconsin games, we fire 10-gauge with eight grams of powder. But the shells seem to get louder as they age, so you never really know what you're going to get.

Q: Have you ever missed a score?

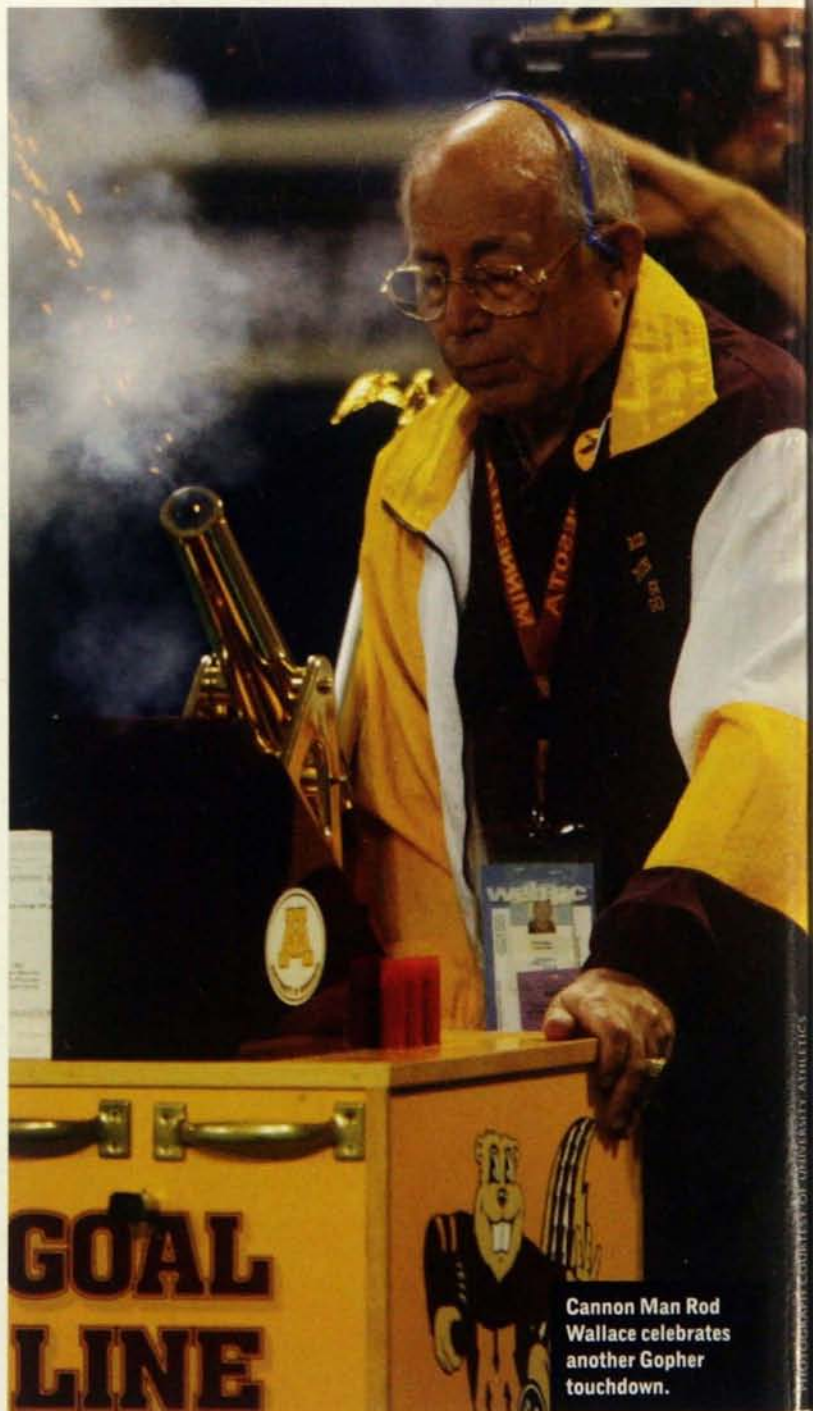
A: No, but I've held off shooting sometimes. It's a little dangerous, because it does shoot a small projectile [of packing cardboard] a short distance. Sometimes the cheerleaders get excited and run across in front of me. I have to be careful that everything is clear.

Q: Do you wear ear protection?

A: Oh, yes, it's awfully loud. My hearing has somewhat gone bad anyhow, so it doesn't affect me so much.

Q: If a new outdoor stadium gets built, will the cannon be loud enough?

A: We've taken it on trips to the various bowl games, and it made plenty of noise there. I'm going to be 80 in December, but I hope to get a chance to fire the cannon in a new stadium. I enjoy it and I'll keep doing it as long as I can.



Cannon Man Rod Wallace celebrates another Gopher touchdown.

Stadium Status

University administrators have proposed a \$222 million, 50,000-seat on-campus Gopher football stadium be built just east of Mariucci Arena using primarily private funds. Despite a legislative session that ended with no state commitment to help finance a minority of the proposed stadium, Minnesota football coach Glen Mason remains optimistic.

"There is great enthusiasm out there. Most people look at it and see that this is not something we want, this is something we need," Mason says. "This is something that is missing on campus. It is something that can enhance the academic mission of the University, not something that will work against it."

Mason points to the campus culture that athletics can create as one of the primary reasons an on-campus stadium is essential. But he also knows his program needs it as well. "You look at most teams and the home-field advantage they have, and we don't have it," he says. "We don't control our field. We saw that last year when we had to move two games to Friday nights [due to conflicts with the Twins' playoff schedule]. There are a lot of problems when you are a tenant rather than an owner. Multiply that by the fact that it is not on campus and it really hurts what we're trying to accomplish [with the football program]."

Still, because of the enthusiasm he sees, Mason remains confident a stadium will be built. "This is something that people will look back at 10 years, 20 years from now and recognize that the leadership being shown by President Bruininks on this is exactly what was needed."

For more information on the stadium proposal and for stadium updates, visit www.umn.edu/stadium.

Chris Coughlan-Smith (B.A. '86) is senior editor of Minnesota.

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2004 Home Game Schedule

Sep 4
Toledo

Oct 2
Penn State

Sep 11
Illinois State

Oct 23
Illinois
HOMECOMING

Sep 25
Northwestern

Nov 13
Iowa

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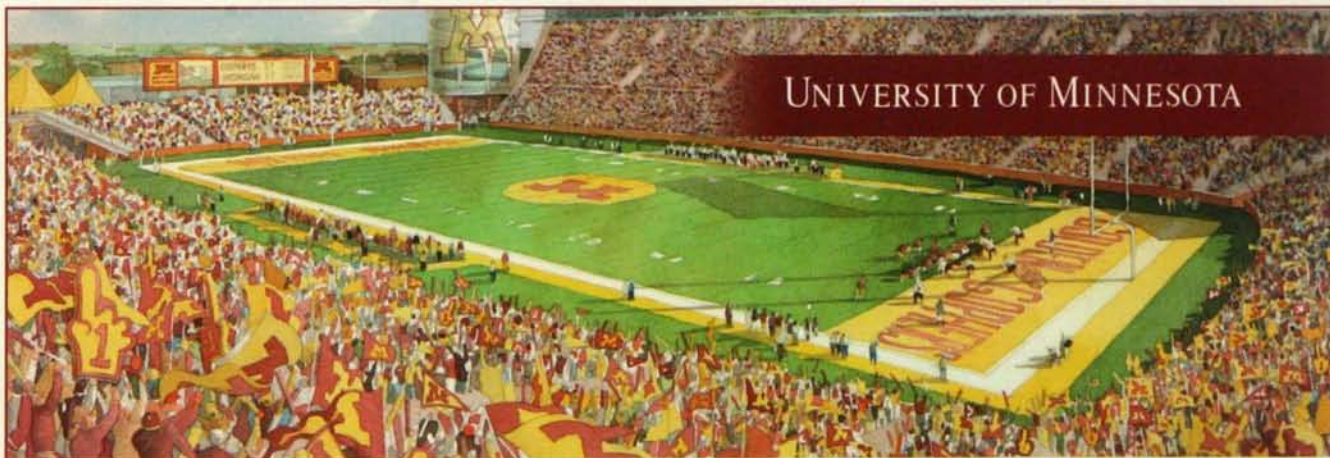
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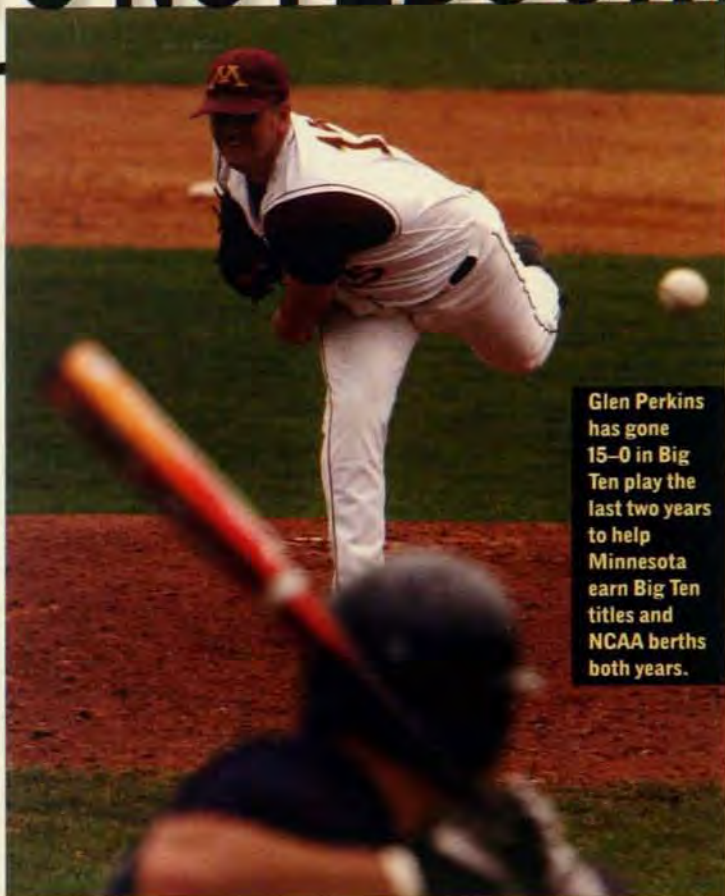
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SPORTS NOTEBOOK

A Hit at Home >>>

The Gopher baseball team won its third straight Big Ten regular season title this spring, its seventh consecutive finish among the conference's top three. But this year the Gophers also won the Big Ten tournament, hosted at Siebert Field on the Minneapolis campus, after failing to do so the last two years. With the tournament title, Minnesota earned an automatic bid into the NCAA tournament, its sixth berth in seven years. "One of the players' main goals was to win the Big Ten Tournament," head coach John Anderson said after the tournament. "They were tired of losing."

Minnesota, which ended the year 38–23, was led by Big Ten pitcher of the year Glen Perkins, a sophomore from Stillwater, Minnesota. Perkins was 7–0 in Big Ten play (9–2 overall) and is now 19–4 in his career, including a perfect 15–0 in the Big Ten. Senior centerfielder Sam Steidl of Alexandria, Minnesota, led the team in hitting and was named first-team all-Big Ten for the second time. Junior first baseman Andy Hunter of West St. Paul, Minnesota, was also first team all-conference after leading Minnesota in home runs and runs batted in. Anderson was named the Big Ten Coach of the Year for the third straight time and now has a record of 839–515 in his 23 seasons.



Glen Perkins has gone 15–0 in Big Ten play the last two years to help Minnesota earn Big Ten titles and NCAA berths both years.

Honoring Scholars

The U's 15th Annual Scholar-Athlete Awards Banquet in April saw 355, or almost half the school's student athletes, earn the Scholar-Athlete Award by maintaining a cumulative grade point average of better than 3.0 while earning a varsity letter. The top honors are listed below.

OUTSTANDING ACHIEVEMENT AWARD

(For accomplishments in leadership, academics, volunteerism, and athletics)

Cassie Busse, Prior Lake, Minnesota; volleyball

Adam Steele, Eden Prairie, Minnesota; track and field

INSPIRATION AWARD

(For success in the face of difficult circumstances)

Lindsay Whalen, Hutchinson, Minnesota; basketball

TOP-FIVE GPA AWARD

(Five best grade-point averages among men and women with three or more years of athletics participation)

Laura Bjork, Colfax, Wisconsin; track and field/cross country

Sarah Hesser, Minneapolis; track and field/cross country

Paula Hoffert, Lewiston, Minnesota; track and field/cross country

Sarah Solfelt, Eden Prairie, Minnesota; swimming and diving

Mary Skokut, Carmel, Indiana; gymnastics

John Albert, Bloomington, Minnesota; track and field

Guillermo Alvarez, Denver, Colorado; gymnastics

Mikael Jakobsson, Orebro, Sweden; track and field

Steffen Landgraf, Berlin, Germany; track and field

Andrew Tilstra, Luverne, Minnesota; track and field

Quotebook

"This is the beginning of a sea change in college sports. Landmark legislation has been passed that will ensure that each and every student athlete has a genuine opportunity to receive a high-quality education and to graduate."

—NCAA President Miles Brand on rules passed in April that penalize schools for low student athlete graduation rates and if players do not make adequate progress towards degrees each year.

"Good equipment can help, but great coaches and eager girls win races. We don't race the boathouse."

—U senior rower Melissa Roche of Albert Lea, Minnesota, on how the rowing team has remained competitive for four years without a permanent boathouse. The University recently lifted a moratorium on sports facilities construction, with a boathouse the top priority. The team currently uses an unheated tent with no plumbing.



<<< Molitor in the Hall

Paul Molitor, who played for the Gophers from 1975–77, will be inducted into the Major League Baseball Hall of Fame in July, just four years after Dave Winfield (1971–73) entered the hall. Minnesota is the only Big Ten baseball team with two players in the hall of fame.

THE PAST PRESIDENTS

Minnesota salutes the 67 volunteer presidents from the University of Minnesota Alumni Association's first 100 years.



NACHTRIEB



GRAY



KEYES



GRAY



KEYES



IREYS



ZELLE



MARTIN

HENRY NACHTRIEB, 1904-15

Nachtrieb ('82) was the first and longest-tenured president of the General Alumni Association. He was the driving force behind the creation of the association and was instrumental in shaping its agenda. Nachtrieb taught biology at the U for many years and headed the state's zoological survey. He was a tireless advocate for alumni, faculty, and the University and made the alumni association a political force to be reckoned with on campus and throughout the state.

WILLIAM GRAY, 1915-18

Gray ('92) succeeded Nachtrieb and that same year was elected president of the Minneapolis Builders' Exchange. During Gray's two years in office, the University, with alumni assistance and counsel, underwent a campus beautification project and forged a partnership with the Mayo Clinic.

CHARLES KEYES, 1918-21

Keyes ('96, '99) was a lawyer with Helliwell & Keyes. During his first year in office, the association voted to erect a state memorial for the men and women of Minnesota who had served the nation in World War I. This effort would ultimately result in the construction of Memorial Stadium. In 1920, E.B. Pierce ('04) replaced E.B. Johnson ('88) as executive director.

CHARLES IREYS, 1921-26

Ireys ('00), a director of the Russell-Miller Milling Company, became president as the association began raising funds for the stadium and Northrop Auditorium. He had led Minneapolis' successful Red Cross War Fund drive in 1917 and would realize a similar triumph in raising funds for the U and witnessing the construction of Memorial Stadium.

EDGAR ZELLE, 1926-29

During Zelle's presidency, Northrop Auditorium was completed and opened to much fanfare in 1929. Zelle ('13) owned Motor Truck Service Company. He had served as treasurer for the association under Keyes and would stay involved with the association into the 1940s.

W.F. BRAASCH, 1929-30

The association began to take a more active role in legislative matters during the tenure of Braasch ('00, M.D. '03). He came from the Mayo Clinic, where he headed the Department of Urology. State cuts to the U budget prompted the association's increased interest in the political workings of the state.

GEORGE MARTIN, 1930-34

Martin ('02, '03) was vice president of the Great Northern Railway Company when he took the helm of the association. Budget woes continued as the Great Depression settled over the nation. Nonetheless, plans were begun to create a campus club for alumni and faculty.

ORREN SAFFORD, 1934-37

Minneapolis attorney Orren Safford ('10) became eighth president of the association. During the late 1930s, the alumni association became an instrumental partner in efforts to erect a student union on campus.

ERLING PLATOU, 1937-41

Platou (M.D. '20) was a member of the 1919 undefeated U men's basketball team. He was a professor of pediatrics in the Medical School and maintained a private practice in Minneapolis. Platou was in office during the completion of the student union and its dedication to the recently deceased University President Lotus Coffman.

BEN PALMER, 1941-43

A prominent Minneapolis attorney and lecturer in the U's business school, Palmer ('11, '13) oversaw the association through many of the trying years of World War II. The alumni magazine and association staff maintained files on nearly all Minnesota grads serving the nation in the war effort.

GEORGE EARL, 1943-46

Another U Medical School graduate, Earl ('06, M.D. '09) saw the war come to an end while in office. Student enrollment surged, and the association saw commensurate growth. Wartime austerity measures, including gas rationing, were lessened, and alumni began to gather again across the state and nation.

ARTHUR HUSTAD, 1946-49

Hustad ('16) was Twin Cities manager of the Northwestern National Life Insurance Company. After a brief stint by acting director William Gibson (B.A. '27), Ed Haislet (B.S. '31) was hired to replace long-time executive director E.B. Pierce. As the association grew in size, it began to modernize its offices and increase its staff and services.

ARTHUR LAMPLAND, 1949-50

Noted for his ability as an organizer and administrator, Lampland (B.B.A. '30, L.L.B. '34) oversaw the continued expansion of program activities in the post-war years. His presidency also established the precedence for one-year terms in office. Lampland was president and chair of the Lampland Lumber Company.

HARVEY NELSON, 1950-51

Nelson (B.S. '22, M.D. '25) was chief surgeon for the Soo Line Railroad Company. A board resolution at the end of his term as president lauded his "unceasing" efforts at increasing membership in the association and his efforts at improving its field services.

WELLS WRIGHT, 1951-52

Wright (B.S.L. '36, L.L.B. '36), a partner in Venum, Neville, Wright & Newhall law firm, a former Gopher basketball player, and a former president of the M Club, was a strong advocate for linking constituent alumni organizations with the General Alumni Association.

VICTOR CHRISTGAU, 1952-53

Christgau (B.S. '24) was director of the state's Division of Employment and Security. During his tenure, the association continued its program growth and began to look for new streams of revenue through sales of class rings and "loyalty" items.

THEODORE CHRISTIANSON, 1953-54

Christianson (B.S.L. '37) was an associate justice of the Minnesota Supreme Court and son of a former state governor. He was particularly proud of his efforts at boosting the association's legislative activities. During his year in office, the number of alumni groups jumped to over 100.

FRANCIS "PUG" LUND, 1954-55

Lund, who worked for the New England Mutual Life Insurance Company, attended the University from 1931 to 1935 where he was a stellar halfback on the Gophers 1934 national championship team. He continued efforts at improving the legislative program and adding constituent groups to the association.

HIBBERT HILL, 1955-56

Hill (B.S. '23) was chief engineer for Northern States Power and served as a lieutenant colonel in the Corps of Engineers during World War II. Hill was interested in establishing an educational program through the alumni association, with speakers and symposia focusing on "state problems."

GLENN SEIDEL, 1956-57

Seidel (B.M.E. '36), a former captain of the Gopher football team who later coached at Tulane University, was vice president of engineering at Honeywell in Minneapolis. During his year at the head of the alumni association, he felt "a real gain" had been made in establishing a better working relationship with U administration.

LEIF STRAND, 1957-58

Strand (D.D.S. '29) felt that the association's greatest benefits during his tenure came through adding constituent groups. Three alumni organizations became affiliated with the alumni association: the veterinary, dentistry, and pharmacy alumni groups.

J.D. HOLTZERMANN, 1958-59

Holtzermann (B.A. '21) was president and general manager of Holtzermann's, Inc., an imports and food company. He led a successful effort to increase membership by more than 1,000 and helped guide the association through its implementation of an IBM punch-card record-keeping system.

WENDELL BURNS, 1959-60

Burns (B.A. '16) was a recently retired senior vice president at Northwestern National Bank. The drumbeat for new quarters for the association grew louder during his year in office. A special Office Quarters Committee reported that "new quarters for the Association should be sought actively."

RUSSELL BACKSTROM, 1960-61

Backstrom (B.M.E. '25, M.S. '27), a manager for the Wood Conversion Company, headed a growing association that reached a new high in membership at 17,000. For the first time ever, the Golden Gopher football team went to the Rose Bowl, and the alumni association was instrumental in organizing tours to southern California.

VIRGIL LUNDQUIST, 1961-62

Lundquist (B.S. '42, M.D. '43), a fellow of the American College of Surgeons, had previously headed the U's medical alumni association. The continuing quest for office space and increasing membership were the association's priorities during his term. But a highlight was the Gophers winning the Rose Bowl.

JOSEPH MAUN, 1962-63

Maun (B.A. '32, L.L.B. '35), a partner in Maun, Hazel, Green, Hayes, Simon & Aretz law firm, was the fourth graduate of the U's Law School to become president. During his tenure, the association established its group life insurance program, converted alumni records to a computer system, and moved to create a downtown Minneapolis alumni club.

FRANKLIN GRAY, 1963-64

Gray (B.A. '25) became the first son of an alumni president also to hold that office. His father, William, had been the association's second president. A partner in Cant, Haverstock, Beardsley, Gray & Plant law firm, Gray guided the association through the opening of its alumni club in Minneapolis' Sheraton-Ritz Hotel.

CHARLES JUDD RINGER, 1964-65

Ringer attended the U from 1938 to 1941. He served as a fighter pilot in the South Pacific during World War II and was founder, president, and CEO of the Judd Ringer Corporation. The social work alumni group became the 15th alumni organization to join the association, and new alumni chapters were opened in Korea, India, Hawaii, and Akron, Ohio.

EDWIN WILLSON, 1965-66

Willson (B.E.E. '30) came to the association by way of Northern States Power Company, where he served as vice president of operations. He helped boost the coffers of the Alumni Fund, managed by the University Foundation, by almost 15 percent during his term, and donors jumped by nearly 50 percent. Membership was boosted to nearly 25,000 and two more constituent groups were added.



PLATOU



PALMER



EARL



HUSTAD



LAMPLAND



NELSON



WRIGHT



CHRISTGAU



CHRISTIANSON



LUND



HILL



SEIDEL



STRAND



HOLTZERMANN



BURNS



BACKSTROM

WALDO HARDELL, 1966-67

President of insurer Charles W. Sexton Company, Hardell (B.S. '26) stated that his goals were to make the association a more effective agent for helping the U find good scholars and to "vigorously support" University Foundation fund-raising. Under his watch, a new scholarship recruitment program was begun in several state chapters and the number of Alumni Fund donors again jumped by nearly 50 percent, from 8,835 to 12,953.

ALBERT HEIMBACH, 1967-68

Heimbach (B.B.A. '42), a vice president for Farmers & Mechanics Savings Bank, had a long history of civic involvement. During his term, the association sponsored a first-ever alumni study retreat in Little Falls. The association and Heimbach's bank also co-sponsored an alumni film called *Minnesota, Then and Now*.

KENNETH GLASER, 1968-69

Glaser (B.B.A. '42) was a founder and chair of National Car Rental. During his tenure the Alumni Fund had another banner year, the group life insurance program continued to grow, and a second alumni film, *Our Changing University*, was produced with the help of Glaser's company. A renewed effort at finding a new home for the association also began.

JAMES WATSON, 1969-70

Watson (B.A. '42), president of retailer Gamble-Skogmo, Inc., had served as a captain in the Air Force before beginning his business career. The association conducted two tours to Scandinavia and Russia during his term and moved offices to an off-campus building on University Avenue in St. Paul.

HARRY HELTZER, 1970-71

Heltzer (M.S. '33), CEO of 3M, had begun his career unloading freight cars at 3M before rising to the top rung at the company. He was instrumental in improving communications with alumni across the state and nation—a vital need given the campus turbulence and unrest of the era.

OSCAR KNUTSON, 1971-72

Knutson (L.L.B. '27) was appointed to the Minnesota Supreme Court in 1948 and became chief justice in 1964. He continued the association's emphasis on improving communication with alumni, the president's office, and the office of alumni relations. More alumni tours were offered, and the insurance program was expanded.

JOHN CARROLL, 1972-73

Carroll (B.S. '33) was president and CEO of American Hoist & Derrick Company. In his term, plans were well under way to open a new alumni club at the top of the just-completed IDS Tower, and efforts were made to reinvigorate alumni efforts to the U's legislative initiatives.

HARRY ATWOOD, 1973-74

Atwood (B.A. '31) became editor of the *Minnesota Daily* when editor Harrison Salisbury (B.A. '30) was suspended from the U for smoking in the library. Atwood went on to become president of Northwestern Life Insurance Company. Atwood helped steer the association toward a more active role in University matters, including in the selection process for a new president.

GEORGE PENNOCK, 1974-75

Pennock (B.S. '34), head of the Tennant Company, was instrumental in helping to establish an advisory committee for new President C. Peter Magrath. The committee looked into the U's various external affairs offices, including the alumni association, in an examination of how they might better coordinate their efforts.

WALLACE SALOVICH, 1975-76

Salovich (B.B.A. '50, M.A. '56) was a management consultant and former president of the Spray Tech Corporation. Long-time executive director Ed Haislet retired during Salovich's tenure, and the Salovich helped smooth the transition into a new era at the association.

THOMAS SWAIN, 1976-77

Swain (B.S. '42) was executive vice president of the St. Paul Companies. During his tenure, Swain was instrumental in helping the association become a more supportive arm of the U. He also welcomed a new executive director, Vince Bilotta, to association offices.

M. ELIZABETH CRAIG, 1977-78

Craig (B.S. '43, M.D. '45), the first woman to be elected to alumni president, was a pediatrician with a practice in St. Louis Park. The association planned a move to Morrill Hall during Craig's term, saw continued growth in membership, and handled the ongoing adjustment to new leadership.

ALAN RUVELSON, 1978-79

Alan Ruvelson (B.B.A. '36) was president and director of the First Midwest Corporation and a past president of the National Association of Small Business Investment Companies. Attempts to better connect with younger alumni and constituent alumni societies were instituted during Ruvelson's tenure. Membership continued to rise in both the alumni club and the association.

ROBERT SHERAN, 1979-80

Sheran (J.D. '39) was the second Minnesota Supreme Court chief justice to become president. During his year in office, the association continued to make progress in all its operations and settled into new offices in Morrill Hall.



LUNDQUIST



MAUN



GRAY



RINGER



WILLSON



HARDELL



HEIMBACH



GLASER



WATSON

RON SIMON, 1980-81

Simon (B.A. '54, J.D. '57) was an attorney with Simon, Schneider & Zimmerman law firm. The association continued its efforts at reaching out to young alumni, including conducting a survey of recent grads to learn their attitudes toward the alumni group and creating a student alumni board.



HELTZER

DIANA MURPHY, 1981-82

The alumni association had grown to 23,000 members in 50 states and 78 countries by 1981, when it elected Murphy (B.A. '54, J.D. '74), a Minnesota Federal District Court judge. During her tenure, a number of future leaders of the association became involved in its workings, and efforts at vitalizing the organization continued.



KNUTSON

JOHN MOOTY, 1982-83

Mooty (B.S. '43, J.D. '44), a partner in Gray, Plant, Mooty, Mooty & Bennett law firm, became 46th president. An Alumni Volunteer of the Year Award was created during his year in office, and the association witnessed steady successes in its programs.



CARROLL

THOMAS HOLLORAN, 1983-84

Holloran (B.S. '51, J.D. '55) was chairman and CEO of Dain Rauscher. He served as association president during its 80th year and hosted a celebration that emphasized the spirit of volunteerism. The association began to focus on public policy issues during his term.



ATWOOD

CHARLES OSBORNE, 1984-85

Osborne (B.B.A. '75, M.A. '83), a vice president of finance at Deluxe Check Printers, oversaw a year of change. Steve Roszell, who had been executive director, moved on and James Day became interim director. An award-winning ad campaign, "Some of Our Grads," was devised by the alumni communications committee and was a finalist for a Clio Award.



PENNOCK

PENNY WINTON, 1985-86

Winton (B.A. '74), daughter of former regent Rufus Rand (1931-37) and a community volunteer, was instrumental in revitalizing the annual meeting and boosting attendance from 150 to almost 900. Under Winton and new executive director Margaret Sughrue Carlson (Ph.D. '83), the association began to involve itself more actively in regent selection, appointing a committee to make recommendations on changing the process.



SALOVICH

HARVEY MACKAY, 1986-87

Under Mackay (B.A. '54), best-selling author and head of the Mackay Envelope Corporation, the alumni association's political work continued with a revitalized Legislative Network. Mackay vigorously promoted membership, and in his words, the alumni association was determined to stand "beside" rather than "behind" the U. A program to improve the student experience and accelerate recruitment was launched.



SWAIN

FRED FRISWOLD, 1987-88

Friswold (B.S. '58), president of Dain Bosworth, oversaw continuing efforts at reforming the regent selection process as well as improving student recruitment efforts. *This Is It*, a film aimed at attracting high-ability high school students to the U, was presented by the association to the University. Alumni also committed to funding the U's Morse teaching awards, which became the Morse-Alumni Awards.



CRAIG

KENNETH "CHIP" GLASER, 1988-89

Glaser (B.S. '75), the son of one past alumni president (Kenneth Glaser, 1968-69) and the stepson of another (John Mooty, 1982-83), was president of K. Charles Development Corporation. He helped create the "There's Just One U" celebration for the finale of the U's capital campaign, participated in the search for a replacement for University President Ken Keller, and mobilized alumni support for legislation that changed the regent selection process.



RUVELSON

STEVEN GOLDSTEIN, 1989-90

Goldstein (B.A. '73), vice president and general manager of WCCO Radio, was a prime mover in the creation of alumni ad campaigns and the *This Is It* recruitment film. He was a strong advocate for keeping sports on campus and for supporting academic freedom at the U. The association's Legislative Network was strengthened under Goldstein's watch.



SHERAN

SUE BENNETT, 1990-91

Bennett (B.A. '65, M.S.W. '67) was director of community relations for Pillsbury when she was tapped to lead the association. Among the highlights of her year in office were an extensive study of diversity at the U and the creation of an endowment for a scholarship in the name of playwright August Wilson.



SIMON

JOHN FRENCH, 1991-92

Under French (B.A. '55), managing partner in Faegre & Benson law firm, the Legislative Network helped restore \$23 million in vetoed state funding. The association continued to promote diversity and published a "report card" of the U's diversity efforts in *Minnesota* magazine and advanced plans for an alumni center that would be a "gateway" to the U.



MURPHY

MICHAEL UNGER, 1992-93

The legislative, mentoring, and recruitment programs continued to be a priority under Unger (B.A. '77, J.D. '81), an attorney in Hvass, Weisman & King law firm. The association forged a solid working relationship with the University Foundation and co-sponsored the Memorial Stadium commemoration program, including the sale of stadium bricks for scholarship funds when the stadium was demolished.



MOOTY



HOLLORAN



OSBORNE



WINTON



MACKAY



FRISWOLD



GLASER



GOLDSTEIN



BENNETT



FRENCH



UNGER

JANIE MAYERON, 1993-94

Mayeron (B.A. '73, J.D. '76), an attorney with Popham, Haik, Schnobrich & Kaufman law firm, helped the association establish a five-year strategic plan. The association endowed freshman leadership scholarships, expanded the chapter program, started the credit card program, and began publishing a tabloid mailed to more than 300,000 alumni.

LARRY LAUKKA, 1994-95

Laukka (B.A. '58), president of Laukka Development Company, was the lead volunteer in the building of a campus alumni center and helped pick the Oak Street and Washington Avenue site. The legislative and mentoring networks were expanded during his watch, and Maroon and Gold Fridays were established on campus.

LINDA MONA, 1995-96

Under Mona's leadership, the alumni association secured Board of Regents approval for the alumni center, engaged an architect and a developer, and developed fund-raising plans. Mona (B.S. '67) was president of Creative Environments interior design firm.

MARVIN TRAMMEL, 1996-97

Trammel (Ph.D. '73), senior vice president of operations for the Metropolitan Minneapolis YMCA, was the association's 60th president and the first African American president. During his tenure, the association collaborated with architect Antoine Predock on the design for the McNamara Alumni Center, hosted NCAA men's basketball tournament pepfests in three cities, and helped salute retiring U President Nils Hasselmo on a national farewell tour.

ANN HUNTRODS, 1997-98

An attorney with Briggs & Morgan law firm, Huntrods (M.A. '76, J.D. '81) oversaw the groundbreaking on the long-awaited alumni center. During her tenure, the Legislative Network thrived, helping to secure \$206 million in bonding for the U at the state Capitol, and the association launched its Web site.

DAVID MONA, 1998-99

Mona (B.A. '65), chair of public relations firm Shandwick, was the second Mona to be alumni president (his wife, Linda, was president in 1995-96). He assisted in fund-raising efforts for the McNamara Alumni Center as the association boosted membership to 42,500, held nearly 200 alumni events, and began collecting books by or about University alumni, faculty, and staff for the Wall of Books in the alumni center's Heritage Gallery.



MAYERON



LAUKKA



MONA

NANCY LINDAHL, 1999-2000

Lindahl (B.S. '68) is the daughter of late University professor Ralph Miller and a longtime community volunteer. The McNamara Alumni Center was completed and opened during her tenure, with more than 10,000 people attending the opening events. The association established a career network and hosted events surrounding the Gopher football team's game against Oregon in the Sun Bowl.

JEAN FOUNTAIN, 2000-01

Fountain (M.B.A. '74), owner and principal of Via Fountain Associates, an executive search and management consulting firm, became the first African American woman to head the association. During her term, membership rose above 50,000; the Legislative Network mobilized 3,500 volunteers to make more than 15,000 calls to legislators; and the ad campaign "Changing the World One Graduate at a Time" was launched.

BRUCE NELSON, 2001-02

Nelson (B.S. '80), senior vice president of merchandising in the Marshall Field's division of the Target Corporation, helmed the association as it witnessed the 100th anniversary of *Minnesota*, the alumni association's award-winning magazine; boosted membership to over 53,000; and partnered with the College of Continuing Education to launch the Career and LifeWork Center.

DEBORAH HOPP, 2002-03

Hopp (B.A. '75), vice president for publishing and publisher of *Mpls. St. Paul* magazine at MSP Communications, helped promote a capital campaign for the University, hosted a kick-off to the 100th anniversary celebration of the alumni association, and assisted a membership drive to an all-time high of 58,000.

JERRY NOYCE, 2003-04

Noyce (B.S. '67), a former Gopher men's tennis coach and CEO and president of the Health Fitness Corporation, headed the alumni association as it celebrated its 100th birthday, including a grand finale event in which the association and the U awarded an honorary doctorate to contemporary instrumental composer Yanni Chryssomallis (B.A. '76). Under Noyce, the association gave \$1 million to build an on-campus football stadium and another \$500,000 to fund scholarships. ■

Tim Brady is a St. Paul freelance writer.



TRAMMEL



HUNTRODS



MONA



LINDAHL



FOUNTAIN



NELSON



HOPP



NOYCE



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Minnesota Magazine Fiction Contest

Our sixth-annual fiction contest is open to all U of M alumni.

How to enter:

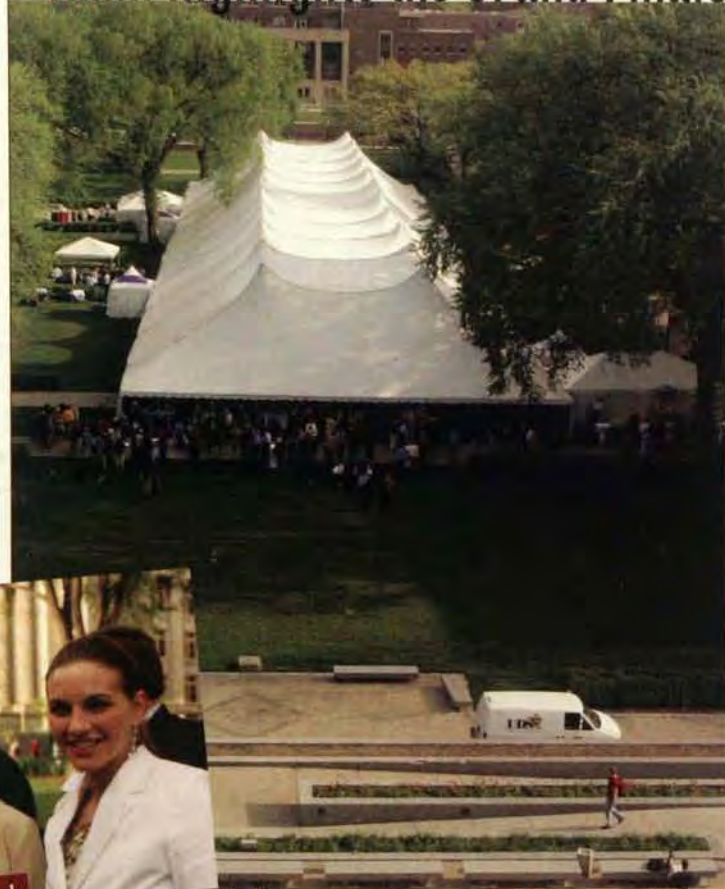
- Submit a double-spaced, typed manuscript, 2,500 words or fewer. Submissions must not have been previously published. Past winners of this contest must wait two years before entering again.
- Include a cover sheet that bears your name, year of graduation (or years of attending the University), phone number, address, story title, and word count of the manuscript. To ensure anonymity, please do not put your name on the manuscript itself. Each manuscript and its accompanying letter will be coded and separated before manuscripts are judged.
- If you would like your manuscript returned, please include a self-addressed, stamped envelope. Manuscripts whose envelopes do not bear proper postage will not be returned.

The winner will receive a cash prize, and the winning story will be published in the March–April 2005 issue of *Minnesota* magazine.

Send submissions by December 6, 2004, to:

Minnesota Magazine Fiction Contest, U of M Alumni Association, McNamara Alumni Center, 200 Oak St. SE, Suite 200, Minneapolis, MN 55455-2040. No phone calls, please.

▶ Yanni Highlights the Grand Finale



"WHENEVER I COULDN'T GET TO A PIANO, I would sneak into the music department, to the empty practice rooms, and play there until someone came and kicked me out," Yanni Chryssomallis (B.A. '76), acclaimed contemporary instrumental composer, told a crowd of nearly 2,000 guests at Northrop Auditorium May 6. "You've got to be passionate about what you do in life. Passion is the fuel, and I had plenty of passion for music."

The University of Minnesota Alumni Association honored Yanni at its 100th Anniversary Gala Finale and Annual Celebration, which



included dinner and a program in which Yanni spoke of his path from his native Greece to the University and the role the U played in shaping his life. Yanni also received an honorary Doctor of Humane Letters for his cultural contributions. A video presentation of University seniors describing how they plan to change the world, performances by the U's electronic music ensemble and steel drum ensemble, and video highlights of Yanni's groundbreaking career filled out the evening.

In his speech, Yanni described an early influence that led him to the U. "Bill McDonald [a U faculty member who met Yanni while doing archaeological work in Greece] was a great representative of this University. Bill possessed humility about knowledge. He always treated me with respect; he never talked down to me. . . . I thought if I ever was going to have a teacher that they would be like Bill McDonald. And so when my father asked if I was interested in going to America to study at the University of Minnesota, my answer was very easy."

Yanni closed with words to U educators: "When I was young the world was opened up to me here. People at the University took me in, they supported me in every way possible, and they wanted me to make it. They wanted me to succeed. I haven't walked the halls of this University in 30 years, but I can tell you that the educational process that I was a part of really, really works, I'm living proof of that. Please know that what you teach and how you teach it makes a profound difference. It did for me, it still does for the kids of today, and it will make a profound difference on generations to come."

To read Yanni's speech and to see a slide show and video from the annual celebration, visit www.alumni.umn.edu/annualcelebration.



Mentors Make a Difference

THE TRANSITION FROM SCHOOL to the world of work and building a career can be difficult for many new grads. Finding one's path can be especially tough for students earning degrees in housing, a broad profession in which making contacts is complicated. For University of Minnesota housing students like Erin Walter (B.S. '04), the College of Human Ecology's mentor program made all the difference.

Walter was paired during her senior year with Marjorie Mangine (A.A. '70, B.S. '90), a housing development planner for the city of Brooklyn Park. During the school year Walter visited Mangine's workplace, toured housing projects, and attended meetings about housing programs. Mangine also arranged an informational interview with a Twin Cities developer, discussed the pros and cons of various internships and jobs, and gave Walter a recommendation that helped her land an internship with the city of Bloomington housing and redevelopment authority. "Marje was someone who could relate to what I wanted to do in my career," Walter says. "It's otherwise really hard to get contacts in this field."

Walter ultimately wants to work in affordable housing. She's especially interested in creating more affordable housing through the use of innovative technology and materials.

Mangine believes a mentor can help a student find direction. "Housing studies is such a broad program with varied coursework, students really need to focus in on some specific aspect," she says. "Finding someone in the work world in their particular field of interest can help them do that."

The College of Human Ecology mentor program is one of 17 college-based programs that match alumni and students based on career interests and experience. Sign-ups begin in the fall, followed by training and kick-off events sponsored by the UMAA's Mentor Connection.

Students in mentor programs are carefully paired with professionals who share their interests. A housing student interested in financial aspects of housing was matched with a city housing assessor; another, interested in historic preservation, was paired with an architect who works on renovating historic homes.

Mangine became a mentor because of her work on the College of Human Ecology's alumni board. She has remained a mentor for two reasons. "First of all, it feels good to give back to young people just starting out," she says. "But it's kind of self-serving too. The better the housing students look when they get out of school, the better I'll look as a graduate of the program."

Walter ended the year happy she'd been part of the mentor program. "It was a really good experience," Walter says. "It was just nice to talk about these work things with someone who knows."

For more information on mentoring, visit www.alumni.umn.edu/mentorconnection.

—Lynette Lamb

1) Former regent Jessica Phillips; 2) Guests dined in a football field-sized tent on Northrop Mall; 3) Yanni spoke to the Northrop crowd about his life before, during, and after coming to the U; 4) The steel drum ensemble performed the Rouser; 5) Yanni after being hooded with, from left, Regent David Metzger, President Bob Bruininks, and CLA Dean Steven Rosenstone; 6) UMAA board member Archie Givens and U Senate coordinator Vickie Courtney; 7) UMAA past president Deb Hopp and board member John Foley.



8) UMAA national board member Tom LaSalle and wife, Michele; 9) the student electronic music ensemble dazzled guests; 10) UMAA president-elect Andrea Hjelm and John Swaney, general manager of Hotel Sofitel; 11) UMAA president Jerry Noyce and wife, Jane; 12) Jerry Noyce presented a Gopher football jersey bearing grad year '76 to Yanni.



Marjorie Mangine (left) and Erin Walter

[MEMBER SPOTLIGHT]

Emily Eelkema

"LIKE SO MANY OTHER KIDS, I wanted to be an astronaut when I grew up," says Emily Eelkema (B.S. '99). But unlike most of those other kids, Eelkema is actually working in the space program, as a member of the Mars Exploration Rover Mission.

After a nearly seven-month journey, the two rovers landed on Mars in January and began sending data and images back to Earth. This exciting period followed three and a half years of planning by staff at NASA's Jet Propulsion Laboratory in Pasadena, California. Eelkema is part of the rover project's sequencing team, which uses various software tools to send the rovers, named Spirit and Opportunity, a time-ordered list of daily activities.

"Lots of people imagine us joy-sticking a rover," says Eelkema. "But actually we plan a day's worth of activities and send in the commands in the morning. The rover does its thing, sends its data back, and then we plan the next day's activities."

Eelkema, who earned her degree in aerospace engineering, began working at the Jet Propulsion Laboratory following graduation, but she joined the rover mission just last fall. Finding evidence of an ancient body of salt water in one of Mars's craters was among the most exciting moments, she says. Entry, descent, and landing were the scariest. "It's six minutes of terror from entering the atmosphere at 12,000 miles per hour, screaming through the atmosphere, deploying the parachute, decelerating, bouncing on the airbags, to the point where the rover stops and we're safe," Eelkema recalls.

Another favorite moment of the mission arrived when the first photos of Mars came through and the staff realized the rover had landed in a spot called Eagle Crater. Landing in a crater was significant because one of the rover's goals was to examine older material on Mars. "With no drills or shovels, we need craters to excavate the surface for us," Eelkema explains. "We called it our hole in one. . . . You've never seen so many people happy to be at work on a Saturday night."

Although Eelkema credits her University of Minnesota education for preparing her for this career, most of what she does at the Jet Propulsion Laboratory is specialized and learned on the job. But her U connections helped her land the position. Both Eelkema and lab colleague Scott Doudrick (B.S. '95, M.S. '97) had help finding their jobs through another Minnesota graduate, Loren Lemmerman (B.S. '65), who has worked at the Jet Propulsion Laboratory for more than 20 years. (Doudrick is responsible for gathering the vehicle's health and other data.)

A Maplewood native, Eelkema returns to Minnesota twice a year, and on her most recent visit made time to talk to aerospace engineering students at the University. Although she hasn't exactly accomplished that childhood dream of driving a vehicle on Mars, she's come pretty close. "Besides, if you're an astronaut you have to live in Texas," laughs Eelkema, who, when she's not working, enjoys everything about the California lifestyle, including snowboarding at Mammoth ski area and hiking in the San Gabriel Mountains, just 10 minutes from her home. "So I'm pretty happy with how it all turned out."

—Lynette Lamb



Emily Eelkema

I Hope It's Empty!

Agricultural education student Tracy Nelson gave the keg-toss event her best effort in an Ag Olympics event during the 88th Minnesota Royal this April. Minn Royal, as it is known, is a weeklong event for all College of Agricultural, Food, and Environmental Sciences students, staff, and alumni. The college's alumni society helps organize Minn Royal and sponsors an alumni day with a lunch barbecue and animal showmanship contests.



Forward Progress

A Standing Ovation for D-Day Vets

G. MIKE WELCH (B.A. '43) and five crewmates from the minesweeper U.S.S. *Tide* were honored at a Chicago Cubs game on June 6, the 60th anniversary of the D-Day invasion in World War II. The *Tide* cleared mines from the English Channel and along the Normandy coast beginning June 5. The crew's work continued, both sweeping and defending against enemy boats and submarines, until the *Tide* was sunk on June 7. Welch saved the lives of five wounded shipmates by helping evacuate them from the rapidly sinking ship. "The reception in Chicago was just astounding," says Welch, who played on the 1941 national champion Gopher football team and is treasurer of the UMAA's San Diego Chapter. "Forty thousand people rose as one and clapped and cheered and every one of us had tears in our eyes."

I can hardly believe it, but the 2004 Gopher football season is almost upon us. Minnesota takes the Metrodome turf September 4 for its season-opening contest against Toledo. It's been over six months since the Gophers' dramatic victory in the Sun Bowl, but my heart has yet to return to its normal rate. It was a fitting finale to an exciting season.

In fact, I've never had more fun as a Gopher football fan than I did in 2003, especially cheering for the Gophers on the road. In October, I returned to my hometown of Evanston, Illinois, to watch the maroon and gold overrun Northwestern at Ryan Field, where as a kid my friends and I played touch football games every year on Thanksgiving Day. Then, in November, I was proud to be among the roughly 1,000 Gopher faithful who braved the hostile territory inside Kinnick Stadium at the University of Iowa. Despite



Jerry Noyce, B.S. '67

the Gopher loss, witnessing one of the Big Ten's longest standing, most hotly contested rivalries was a thrill. Then came that already legendary Sun Bowl game in El Paso, Texas, which left us all wanting even more in 2004.

If you've never traveled to a Gopher road game, you don't know what you're missing. Every trip is a unique experience. With the pride and spirit and pep fests, you feel like you're part of campus life again. And the bonds you form with fellow University of Minnesota alumni—many of them strangers until the road game—is never quite so strong as when you're visitors in someone else's house. It's great fun.

Back at home, we continue to move closer to our goal of building an on-campus Gopher football stadium and drawing that sense of spirit and community back to the heart of campus.

True, the state legislature has yet to approve the University's stadium proposal, but we're very optimistic that Gopher football will be brought back home.

Let me tell you why: The reception to our stadium proposal, from both the House and Senate committees, was extremely positive. The University's plan was well-founded in planning and detail. The estimated \$222 million cost is realistic for a project of its scale. And the University is offering to cover 60 percent of the cost through private funding. Based on feedback we've received, legislators seem to agree that the Gopher stadium project makes tremendous sense for the state of Minnesota. For one thing, there's no doubt that the University is a permanent fixture in Minnesota.

The plan for an on-campus stadium has evoked a potent emotional response as well. Incoming UMAA president Andrea Hjelm (B.A. '65) says that, at a stadium meeting she attended, House committee members broke into storytelling, taking turns to share their own childhood stories about attending Gopher games at Memorial Stadium. Our proposal continues to resonate strongly with so many people not only because it evokes fond memories and positive experiences, but because that building an on-campus stadium makes sense and is the right thing to do.

We've made great forward progress toward our goal this year. And just like the football Gophers, we're back and ready to fight for even more in 2004.

My term as UMAA president for 2003-04 closes with this column. What an honor it has been to serve our association during its historic 100th year. I'd like to thank the UMAA staff for all the hard work they put into supporting the many programs for alumni nationwide—and for all the energy they poured into planning and organizing three spectacular celebrations to mark our 100th anniversary. Thanks also to my fellow board members for all their hard work this year, as well as to the University administration and Board of Regents for their steady support and willingness to maintain a productive dialogue throughout the year.

And thanks to all our alumni and friends for an unforgettable year. I look forward to seeing you in the stands!



Alumnus G. Mike Welch (standing at right) with his D-Day shipmates at Wrigley Field.

TWO-FOR-ONE TICKETS, football season ticket discounts, and a travel package discount are among the ways UMAA members can attend Gopher games at great deals.

Three of the U's top national teams offer two-for-one general admission tickets with a UMAA membership card. The 2004 NCAA champion women's hockey team; the volleyball team, which made its first-ever trip to the Final Four in 2003; and the wrestling team, a top national contender that has won two of the last four NCAA titles, are among the sports offering the discount. Also, both men's and women's gymnastics

[BENEFIT UPDATE] Tickets and Travel

have a two-for-one deal, as do softball and the three-time defending Big Ten champion baseball team. For Gopher football, UMAA members receive 20 percent off any new season ticket orders.

Creative Charters is now a UMAA partner, offering discounts of at least 10 percent to members on travel packages to all regular-season away football games. Now in its 11th year, Creative Charters puts together tours that include travel, accommodations, and side trips, with tickets in the Minnesota rooting section available.

"One of the things that makes us unique is that we create experiences within the trip experience," says Steve Erban, co-owner of Creative Char-

ters, citing the Gophers' first 2004 road game at Colorado State as an example. The package includes a flight into Denver, a bus tour through Rocky Mountain National Park, and an overnight stay in the mountain resort town of Estes Park. Saturday morning includes a breakfast rally at the hotel and a short bus trip to Fort Collins for the official pregame tailgate party. After the game, the tour group flies out of Fort Collins. "It's a two-day, one-night trip that will encompass four days of experiences," Erban says. "We've never been accused of having a boring trip."

Another Creative Charters selling point is price; the Colorado trip costs UMAA members \$349 instead of the usual \$399. Fan camaraderie is an added benefit. "The people who travel to Minnesota games meet so many enjoyable fans and alumni who often end up becoming friends," Erban adds. "These Gopher trips are very rewarding. The type of people who travel give it a real family feeling, win or lose."

For more information on these and other UMAA benefits, visit www.alumni.umn.edu/rewards, or call 612-624-2323 or 800-UM-ALUMS.

The crowd that traveled to last year's Gopher football game at Penn State had plenty to cheer about. Group travel to away football games builds camaraderie and friendship, and now UMAA members can get discounts, as well.



▶ UMAA Calendar

Upcoming alumni events on campus and around the country. For more information, visit www.alumni.umn.edu or call 612-624-2323 or 800-UM-ALUMS (862-5867) and ask to speak to the UMAA staff person listed after the event.

July

- 24 Puget Sound Chapter at Lavender Fields and Olympic Game Farm, details TBA; contact Mark Allen
- 24 Portland (Oregon) Chapter Railroads in the Garden, a tour of various gardens and miniature railroad installations, details TBA; contact Mark Allen
- 24 Natural Resources Alumni and Friends Day, all day at the Cloquet Forestry Center; contact Bill Ganzlin at 612-624-3047
- 27 Dentistry Alumni Society Golf Classic, 8 a.m.–5 p.m. at the Les Bolstad U of M Golf Course; contact Marie Baudek at 612-625-9439

August

- 2–10 Alumni College in Scandinavia for Families; contact Cheryl Jones
- 8 Portland (Oregon) Chapter annual picnic, noon at Washington Park; contact Mark Allen
- 20–28 Alumni Tour to London; contact Cheryl Jones
- 22 Puget Sound Chapter annual Minnesota potluck at private residence, time TBA; contact Mark Allen
- 23–31 Alumni College in Normandy; contact Cheryl Jones
- 29 Maroon and Gold Day at the Fair, all day at the Minnesota State Fair; contact Tiffany Gaudette

September

- 6–14 Alumni College in Sorrento; contact Cheryl Jones
- 8–16 Alumni Campus Abroad: Switzerland, Crans-Montana; contact Cheryl Jones
- 11 UMAA National Volunteer Awards Ceremony, 5 p.m. in the McNamara Alumni Center; contact Tiffany Gaudette
- 16–Oct. 1 Ancient Treasures of China and the Yangtze alumni cruise; contact Cheryl Jones
- 22–Oct. 2 Classic Italy, Historic Greece, and the Dalmatian Coast alumni tour; contact Cheryl Jones

PLAN AHEAD

October

26 Homecoming

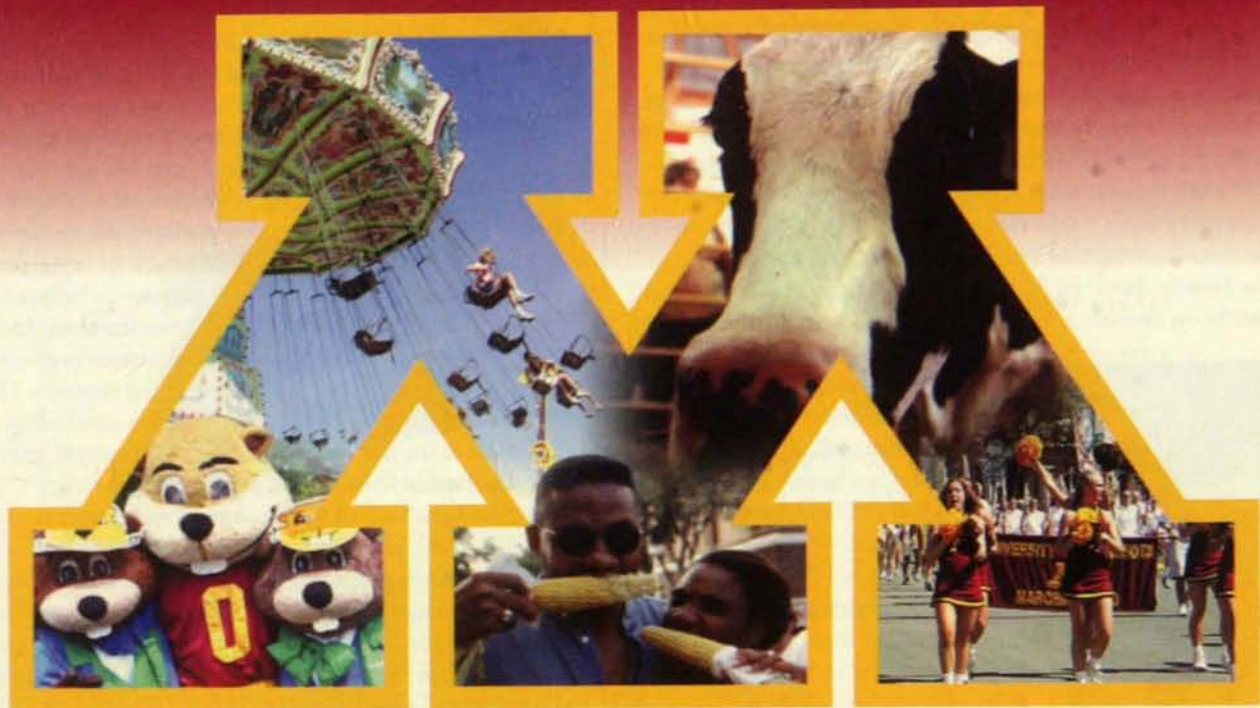
November

2–10 Prague/Budapest Escapade alumni tour; contact Cheryl Jones

December

1–9 Austria's Holiday Markets alumni tour; contact Cheryl Jones

UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION



Join Us at the State Fair

For 100 years, the University of Minnesota Alumni Association has brought people together to celebrate the pride and spirit of Minnesota. That's why the alumni association makes the State Fair its home every year. We can't think of a better place for U of M alumni and friends to connect with each other!

Make a Difference

Your membership helps build a stronger U. Join, renew, or upgrade your membership at the State Fair (**August 26 – September 6**). The alumni association connection stretches far beyond Minnesota. If you can't attend the Fair, join or renew online at www.alumni.umn.edu/statefairmember.

Show Your U of M Pride and Spirit

Maroon and Gold Day - Sunday, August 29, 2004

Join in the fun with the University's Barbecue Blues Band, win fabulous prizes, and hear the U's 300-piece Marching Band in the Maroon and Gold Day Parade. Don't forget to wear your favorite Gopher gear!

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I Owe U

George McCutcheon (B.A. '33, M.S. '45, Ph.D. '57), a retired math professor in the University's General College, suffered a stroke and then a heart attack on Christmas Eve 2002. His family gathered at his bedside, knowing that it wasn't likely the 91-year-old would live until morning.

The family decided that night to create a scholarship fund in honor of their father, husband, and grandfather that would benefit young people who are the first in their families to go to college. "We felt that the scholarship was a perfect way to keep my dad's memory alive," says Arlene Nellis (B.A. '57, M.A. '67), McCutcheon's daughter.

The family donated \$25,000—from an inheritance that McCutcheon and his wife, Gertrude, had saved for decades.



Margaret Sughrue Carlson,
Ph.D. '83

Thanks to a new University-sponsored matching program, the payout on new endowment gifts of \$25,000 or more are matched, making the value of McCutcheon's gift equivalent to a \$50,000 endowment. The newly established McCutcheon Family Scholarship is a fitting tribute to a man who dedicated his life to helping others. "We knew he'd be proud to use his money to help give young folks a leg up," says Nellis.

Charles Lofgren (B.S. '51, M.S. '57) also took advantage of the President's Scholarship Match. Lofgren had established an endowed scholar-

ship in the College of Agricultural, Food, and Environmental Sciences a decade ago and recently made another gift because of the match. "When I heard about this new opportunity to help students even more, I thought, 'That's what I should be doing,'" he says. Better yet, Lofgren's gift was also matched by Pfizer, where he worked for 32 years, quadrupling the value of his original gift.

I know firsthand about the importance of scholarships and about the life-changing experience of attending the college. When I was an undergraduate at Kansas State—and tuition was just \$202 a year—I was awarded a \$150 scholarship. Back then, money like that was real cause for celebration. It meant that I could afford to go to college and focus on my studies, not on a job. Later, when I was in graduate school at the University of Minnesota, I received yet another scholarship, this time for \$2,000. Once again, a relatively small amount of money changed everything.

Scholarship money made my education possible and my future bright. Yet on the day I left the U with my degree in hand, with my fledgling connections established and the confidence that I could succeed in just about anything I set my mind to, no one handed me a bill. No one said, "You owe us from here on out."

But I feel like I do owe the University for the gifts I've been given. This is a debt that nobody is collecting. But it is time that we, who have been given so much, repay that debt—especially now.

Due to diminishing state funding—a trend that promises to continue—the University has been forced to raise tuition by double digits for the fourth consecutive year. For the 2000–01 academic year, undergraduate tuition and fees cost \$4,877. For the 2004–05 academic year, tuition and fees will cost approximately \$8,000. That is almost a 65 percent increase in just four years!

For the recent academic year, Minnesota ranked third among the Big Ten public institutions (behind Penn State and Michigan) for highest undergraduate tuition. It's important to remember that about two-thirds of U graduates stay in Minnesota to pursue their careers. But the cost of attending the University—even though it is still much lower than most private colleges—is becoming prohibitive to some of our brightest prospective students. And sadly, Minnesota lags behind other Big Ten institutions in the number and size of scholarships it can offer incoming students. Only 14 percent of University freshmen receive merit scholarships. This places us last in the Big Ten. And only 4,500 students receive any kind of scholarship from private gifts to the University.

As a proud graduate of the University, such statistics are troubling to me. But University President Bob Bruininks is committed to keeping the best students at Minnesota and is making scholarships a top priority. His goal is to increase by at least 50 percent the number of students awarded privately funded scholarships. To make this happen, all it will take is for more alumni to step up.

Take alumni like Bill (B.S. '66, M.B.A. '72) and Judy (B.A. '66) Walter, for example, who recently donated scholarship money to

their respective colleges, the Carlson School of Management and the College of Education and Human Ecology—as well as to Intercollegiate Athletics. "The University changed my life," Bill says. "If I can help do the same for other people, I'll know I've truly succeeded."

Arlene Nellis feels the same way. She says that she and the rest of her family con-

sider giving the scholarship money to be one of the best, most satisfying things they've ever done in their lives. "For Dad, students always came first," Nellis says. "So I think he'd be pleased as punch with this scholarship. I know that the rest of us are too."

As for me, I finally made good on my promise to do right by the U. A few years ago, I made a bequest of \$100,000, dedicating IRA savings. It's the easiest gift in the world, and I couldn't be happier with my decision. My bequest was made before this matching campaign, however. The opportunity to double the size of a gift I make is just too good to pass up, so it's time for me to do more for the U.

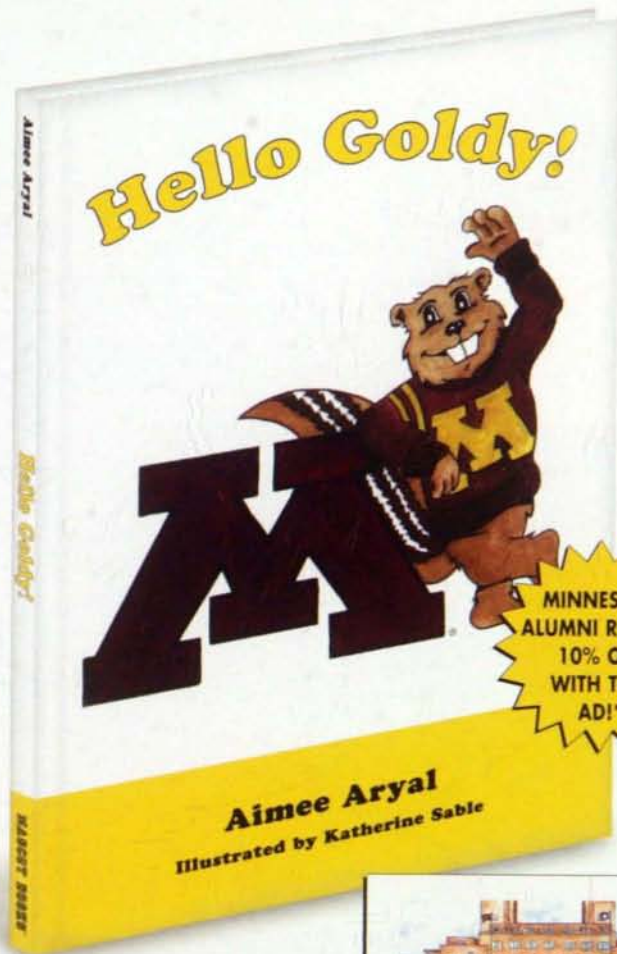
For information on the new matching scholarship campaign, visit www.giving.umn.edu.

I feel like I do owe the University for the gifts I've been given. This is a debt that nobody is collecting. But it is time that we, who have been given so much, repay that debt—especially now.

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