

# MINNESOTA

SEPTEMBER • OCTOBER 1993

Why are these alumni important to the University of Minnesota? See the brochure in the center of this magazine for the answer.

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Beaulieu, '72



Robert  
Rofidal, '69



Mary  
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Bruce  
Schnabel, '86



Kevin  
Barcus, '86

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Founded in 1904 as an independent, volunteer-driven organization, the UMAA is in a unique position to effectively serve the best interests of alumni and the University. Our dual goals are to support the tradition of excellence in education and to enhance spirit and community.

As the alumni voice, the UMAA speaks to those who help shape University policy and set direction—the administration, regents, and legislators. The formidable advocacy of our members helps to support and improve the University in many important ways.

The UMAA and its seventeen collegiate alumni societies link alumni directly to their colleges, act as informal advisory boards to deans, faculty, and staff, and sponsor more than 1,000 meetings, receptions, programs, and other activities each year, building community and spirit at the University, throughout the state, nation, and world.

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The University of Minnesota Foundation was established by 21 volunteers in 1962 with the goal of raising, investing, and distributing funds for the benefit of the University. During the past 31 years, the UMF, in partnership with the University, has secured private voluntary support totaling more than \$1.3 billion.

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A UMAA membership form is on the inside back page of this cover. Please join us as a UMAA member today and indicate if you wish to become a UMF donor.

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THE MAGAZINE OF THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

# MINNESOTA

SEPTEMBER • OCTOBER 1993 \$2.95



## FALL PREVIEW '93 Featuring a Look at What's New at the "U"

The Frederick R. Weisman Art Museum

THE ART MUSEUM  
SEPTEMBER



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# MINNESOTA

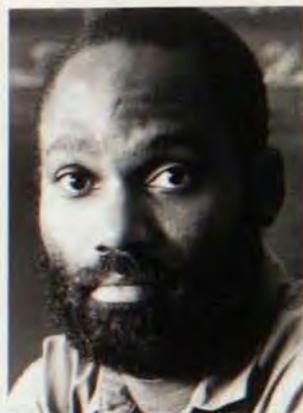
UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

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COVER: Photograph by Dan Vogel

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## I N F O C U S

# Building a New World

**W**ELCOME TO *Minnesota*. Our third annual Fall Preview Issue is being sent to 100,000 alumni and friends thanks to the members of the University of Minnesota Alumni Association and the support of more than 40 businesses, corporations, and University advertisers.

We began work on this issue almost a year ago by asking this question of University deans and department heads: What's the most important change affecting your unit that you'd like to tell alumni? Have your students changed significantly? The curriculum? Have faculty leaders retired or been newly hired? Do you have new headquarters? Has your focus changed from the practical to the theoretical, from teaching to research, or vice versa? Has a person, societal change, or technological advance had a major impact on what you do?

The answers we got were thoughtful and diverse: At University Hospital and Clinic, a new general director is leading strategic planning efforts. At the College of Veterinary Medicine, a new diagnostic laboratory begins a new era of technology—and public/private partnerships. The College of Agriculture is forming partnerships within the agribusiness industry. Public Health is undertaking new research programs on alcohol use among youth. Pharmacy is developing a new curriculum for the 21st century. Natural Resources, Pharmacy, and the Institute of Technology are looking forward to new deans and honoring those who came before them. The College of Education has shifted to leadership development programming. Dentistry is reaching out to both old and new students with a professional reentry program and by guaranteeing the quality of its undergraduate program.

A pattern emerged as we summarized the

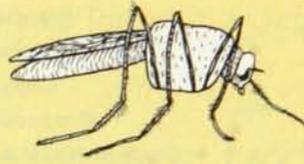
responses we received. We're calling it the new world of the University of Minnesota. The theme came to us in May when we watched 10,000 of Minnesota's youngest citizens become world specialists as they constructed a giant sphere in front of Northrop Auditorium. Each of many groups of schoolchildren had learned about and painted an assigned part of the world, and each added its panel to complete a 42-foot globe.

Chances are you've never forgotten your first foray into a new world to learn about something you never knew existed. Maybe your parents took you to the zoo, or to work, or to Disney World. Maybe a teacher bundled you and your classmates into your jackets, pairing you up two by two, and took you to a farm or a museum. When you combine learning with new worlds something unforgettable happens, whether you're 5 or 50. When it happens to 10,000 fourth through ninth graders all at the same time, it is quite remarkable indeed.

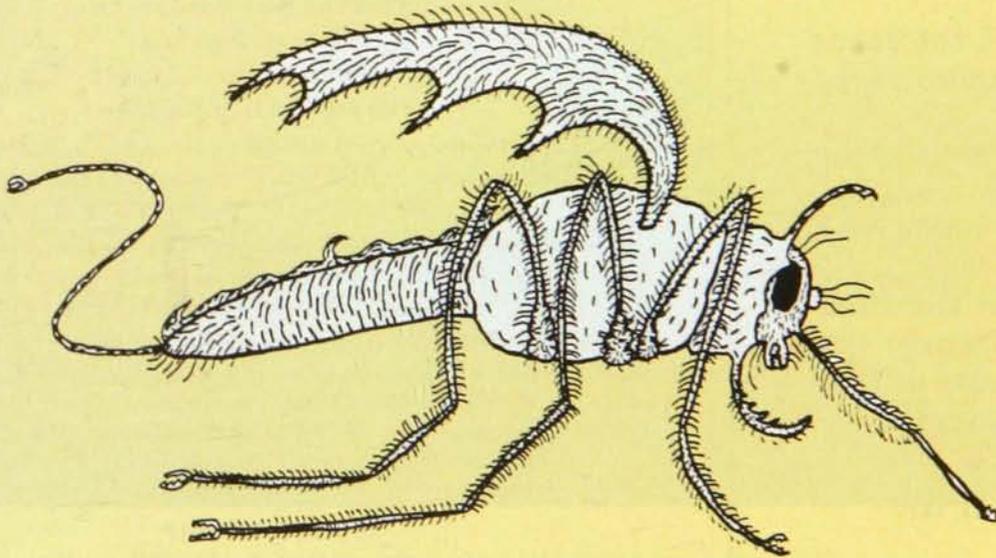
Their efforts were a reminder that the University is always a world of new experiences waiting to happen: The Frederick R. Weisman Art Museum, a shining space-age castle where thousands of citizens will get their first glimpse of art. The new and improved sports arenas, where student athletes will learn about sportsmanship and ski-umah. The Ted Mann Concert Hall, the Bell Museum of Natural History, Northrop Auditorium, the Hubert H. Humphrey Center, the Gabbert Raptor Center, Rarig Center, Walter and Wilson libraries...

That's what this issue is all about. Welcome to campus. Please come soon—and don't forget to bring the kids.

—Jean Marie Hamilton



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Please allow six weeks for address changes or renewals to take effect.

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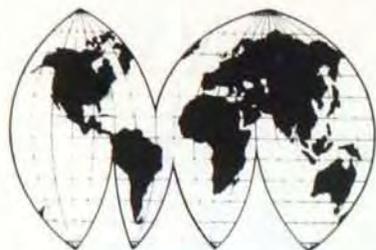
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For additional information,  
see page 90 or contact

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UNIVERSITY OF MINNESOTA  
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## C O N T R I B U T O R S

### BOTH SIDES NOW

Pamela LaVigne is a feature writer and associate editor for the University's tabloid *Update*.

### NEW FACULTY

Minnesota's contributing editor Vicki Stavig edits *Art of West*. She also wrote "New Research" in this issue.

### NEW UNDERGRADUATE STUDENT FOCUS

Geoff Gorvin is an editor for the news service division of University Relations. He also wrote "New Partnerships" in this issue.

### NEW WORLD

Joe Moriarity, '72, '77, is a Twin Cities freelance writer whose work has appeared in *Minnesota Medicine*, the *St. Louis Post-Dispatch*, and the (Twin Cities) *Star Tribune*.

### NEW CURRICULUM

Faith McGown, '93, is the editor of *Bridges*, the newsletter of the American Refugee Committee. Gayle Grika is a public relations coordinator for the College of Education.

### "ROLL OF THE DICE"

Brian Osberg, '73, '86, is *Minnesota's* sports columnist.

### SEASON OF CHAMPIONS

Joel Rippel, '80, is a graduate student in the School of Journalism and Mass Communication. Previously he worked for the *Star Tribune* and the *Orange County (California) Register*.

### STAYING THE COURSE

Karen Roach edits *Futures*, the quarterly publication of the University of Minnesota Foundation.

### CAMPUS DIGEST

Teresa Scalzo, '90, is *Minnesota's* associate editor. Katie Gundvaldson graduated from the University of Minnesota School of Journalism and Mass Communication in 1991.

### 1993-94 FALL PREVIEW CALENDAR

Kristie McPhail is a senior in the University of Minnesota School of Journalism and Mass Communication.

### IN BRIEF

University Relations writer and editor Maureen Smith edits *Brief*, a weekly news bulletin for all four University campuses, and the faculty-staff edition of *Update*.

### ILLUSTRATION

Matt Foster is a California illustrator who has done work for Pacific Bell, *Travel & Leisure*, US West, Apple Computer, and Symantec. Julie Delton graduated from the College of St. Catherine in St. Paul and studied illustrative arts at the City and Guilds of London Art School. Linda Frichtel is a Minneapolis illustrator. She has won several awards for her work, including three for *Minnesota* from the Council for the Advancement and Support of Education. Callie Butler's work has appeared in *Shape*, *San Diego*, and *Los Angeles* magazines.

### PHOTOGRAPHY

Twin Cities photographer Dan Vogel specializes in product, industry, and portrait photography. Sal Skog, '82, is a Twin Cities photographer whose work has appeared in *Corporate Report Minnesota* and *Minnesota Monthly*. Twin Cities photographer Larry Roepke specializes in corporate and editorial photography. Bill Eilers is *Minnesota's* staff photographer.



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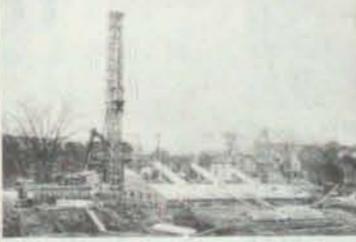
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A MONTHLY RECORD OF AUDITORIUM CONSTRUCTION

How the Northrop Memorial Auditorium Appeared on November Fifth



The Auditorium Will Be Enclosed Before Winter Comes

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A MONTHLY RECORD OF AUDITORIUM CONSTRUCTION



Northrop Memorial Auditorium Practically Completed

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September 1, 1993

## University of Minnesota Hockey Arena

**O**PUS CORPORATION was recently named the winner of a design/build competition for a new hockey arena at the University of Minnesota.

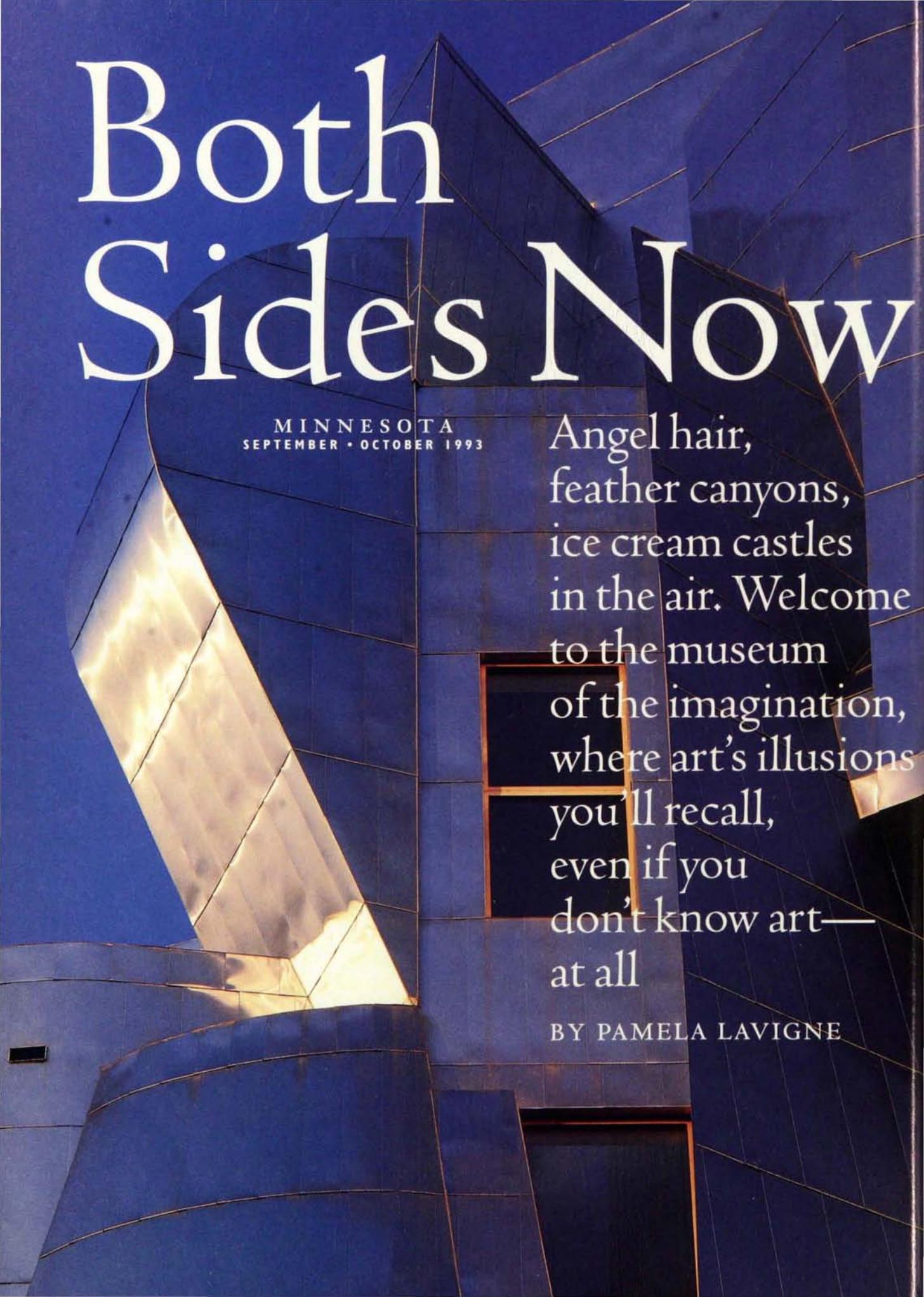
The winning combination was a collaboration of Opus Corporation with 40 years of experience in a variety of construction and development projects, Opus Architects and Engineers with the experience of over 1,200 design/build projects, combined with Barry Graham of the architectural firm Graham Edmunds who brought to the competition, the hands on, technical expertise of designing the world-class Saddledome ice arena in Calgary.

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# Both Sides Now

MINNESOTA  
SEPTEMBER • OCTOBER 1993

Angel hair,  
feather canyons,  
ice cream castles  
in the air. Welcome  
to the museum  
of the imagination,  
where art's illusions  
you'll recall,  
even if you  
don't know art—  
at all

BY PAMELA LAVIGNE

W here once stood a sleepy little hill topped by a small parking lot on the Twin Cities campus, now there's this . . . structure that

causes the average viewer to exclaim, What the heck is that?!

That is the Frederick R. Weisman Art Museum—the Fred, as insiders affectionately say.

It's a place for displaying, at long last, the University's art collections; it's also a building that provokes strong reaction. Folks who probably never realized they had an opinion on contemporary architecture are rendering one now: It's ugly; I hate it. It's great; I love it. One disgruntled student wrote the *Minnesota Daily* to ask if protective eye-wear will be issued so we won't be blinded by it on a sunny day.

Let me tell you how I see it.

The University's new art museum is a spirited and welcome new presence on campus, a building that's a piece of sculpture outside and a serene skylit space inside.

Its riverfront face—an unseemly jumble that juts and swoops—is startling at first. But walk or drive over the Washington Avenue Bridge from the West Bank, and the building becomes your playful companion. The stainless steel exterior creates a kind of beersucker effect, dimpling the shiny panels with shadow. At sunrise, it is a silver spacecraft, at sunset a golden castle reflecting its environment like a futuristic mirror. Windows cut into the curves and planes promise intriguing vantage points up and down the river. The bobbing of a tiny white hard hat gives away a hidden balcony. And notice: for all its volume, the facade has an amazing lightness; this building is not going to fall into the river.

Although Cass Gilbert's 1910 prize-winning design for the Twin Cities campus honored its dominant landmark, the deep gorge cut by the Mississippi (designs show students arriving by boat on the river flats and advancing up several stepped terraces to the heights of Northrop), in fact nearly every University building has turned its back to the river—until the coming of this museum and its cross-the-river neighbor, the Ted Mann Concert Hall on the West Bank.

Let's check out what's inside.



The museum opens directly onto the pedestrian level of the bridge; a huge metal overhang, curved like the faceplate of a medieval suit of armor, makes a dramatic marquee. The museum shop and art rental office are just inside. Turn right to see what that squiggly facade looks like from the other side. The Dolly Fiterman Riverview Gallery, named after Twin Cities art dealer Dolly Fiterman, '42, is cozy, despite the unusual angles of the wall. From here, downtown Minneapolis is a jumble of shapes; is the museum's exuberant facade really just a humorous interpretation of the view from its own windows?

The museum proper, to the left when we come in, is a high rectangular area divided into five galleries: four *en suite* and a fifth running like an interior street past them all. Awash in softly diffused natural light from skylights, the space is calming and clear—a complete departure from the boisterous exterior. If this building were somebody you knew in high school, it would be the wisecracking kibitzer who turns up for the prom in a tuxedo and dances like Fred Astaire.

Now do you see why I like this new building?

The University Art Museum was formed in 1934 under then University president Lotus Coffman. Growing up in rural Indiana, he had had little or no exposure to art, music, and culture, and he felt keenly the gaps in his education. Consequently, he wrote, his "dream of long standing" was to have "every student at the University of Minnesota, and every individual in this community, exposed as frequently as possible to the things that make life worth living, to the cultural inheritances of the human race."

But accomplishing Coffman's aim has been difficult. There was scant funding for the enterprise after Coffman's tenure and, in recent years, only minuscule, obscure exhibition space. Art Sandwiched In, the name of the museum's long-running noontime series of informal lectures, might just as well have described the museum's galleries, tucked away on the third and fourth floors of Northrop Auditorium.

With a \$3 million gift from entrepreneur, art collector, and University alumnus Frederick R. Weisman, Coffman's dream is finally being achieved. "I do feel a great deal of satisfaction about the building," says museum director Lyndel King. "We've been in our 'temporary' quarters for about 60 years now."

A separate museum building gives the visual arts new visibility, she says. "The building by its very design says that it's about art. Our building by its design is a work of art. Even just its presence on campus says the arts are important," she says. "Finally we'll be able to fulfill our



Alfred H. Maurer  
*Girl in White, 1901*

educational mission."

Besides the galleries themselves, the museum incorporates specialized teaching space, such as a "black box" classroom, ideal for viewing slides and films (or for a small combo should there be a party in the adjoining Riverview Gallery). The large picture windows on the pedestrian level of the bridge will expose even passers-by to the collection.

Through internships and graduate work, students can delve into the behind-the-scenes aspects of running a museum, seeing what it takes to acquire, catalog, display, store, and ship works of art. For the first time, the art museum in its new space has technical areas that are large, thoughtfully designed, and under one roof.

The museum's gala opening is Satur-

day, November 20. An international symposium "New Art Museums: Revis(ion)ing Architecture, Art, and Culture" will be held December 10-11. The event, which will bring together Gehry and other internationally known architects, will be a rare opportunity to see slides and hear architects talk about museum design and how it interacts with the display of visual arts.

Museum staff member Colleen Sheehy is designing educational activities for the museum's inaugural year; most of the public programs will kick off during winter quarter, she says. For example, Interrogating Museums: Cultural Diversity and Representation in the Visual Arts, an honors colloquium she will teach, examines "how women and people of color—as both subject and artist—have been included or excluded in museums and what museums are doing to redress imbalances," Sheehy says.

Harrison Fraker, dean of the College of Architecture and Landscape Architecture, will give a public talk about the building December 5. For those interested in a longer look, University faculty member John Archer, an architectural historian, is teaching a course on the museum as both building and cultural institution.

"Because the building is the embodiment of a very creative artist and architect, we think it can serve as a metaphor for the creativity of a university at its best," Sheehy says. A series of Sunday-afternoon talks, called Taking Chances: Creativity at the University, will feature University faculty. Invited to inaugurate the series in January is psychologist and author Mihaly Csikszentmihalyi of the University of Chicago.

At the end of April, the museum will present a slide-and-interview event "A Conversation with Jacob Lawrence and Gwendolyn Knight Lawrence." Jacob Lawrence is one of several African American painters represented in the University's collection. Now retired as a professor at the University of Washington, Lawrence uses significant people and events in African American history in his work; *Dancing Doll* from 1947 appears in the museum's opening show.

The first group of tour guides—including alumni, student, faculty, and civil service volunteers—went through a six-week training program this summer.



Georgia O'Keeffe  
*Oriental Poppies*, 1928

Sheehy says. Architecture students are also planning to develop more extensive tours of the building in its University context this fall, she adds. "Our mission is to become a University-wide resource."

Evan Maurer, director of the Minneapolis Institute of Arts and a University student during the 1960s, welcomes the museum for two reasons: "It gives the University a real art museum," he says, a place that's "an interdisciplinary . . . focus for art on campus." And "it gives everybody a chance to see an important contemporary collection"—the Weisman collection of contemporary art. Unlike the Walker Art Center or the Institute, he says, the new University museum has the space to display the collection continuously.

As for the building itself, he makes a prediction: "It's going to be polemical because it's such a strong statement." Instead of placing a piece of sculpture in

front of the building, the architect "made the facade a sculpture." People will either love it or hate it, Maurer says, but either way "it's going to make people be aware of their environment and of architecture, and make them stretch their capacity to be critical. I think it's going to be a very fascinating addition to our community."

Architect Frank Gehry is known as an enfant terrible of contemporary architecture. This is the man who capped a Venice, California, beach house with a glass-walled room that echoes the lifeguard stands along the ocean, the man whose own traditional home visually disturbs the peace with its tool-shed-like siding and a chain-link fence.

Gehry created a sensation once before in the Twin Cities. The guest house on Lake Minnetonka he designed for Michael and Penny ('74) Winton looks like brightly colored blocks scattered across a lawn by a playful baby giant: cone for the living room, shoebox for kitchen and garage, bunker for bedroom.

In 1986, the Walker Art Center organized a major retrospective of Gehry's work. Besides buildings, he designs furniture, from sinuous nesting chairs made of brown corrugated paper to blond bentwood shapes whose names—"Slap Shot" and "Hat Trick"—and materials—flat wide sticks—reveal the designer's fondness for hockey. His big glass-scaled fish, originally a resident of the Walker lobby, now is suspended above the water lily pond in the Cowles Conservatory at the Minneapolis sculpture garden.

At the same time the University's new art museum was being designed, Gehry's

collections of work by Marsden Hartley and Alfred Maurer, explains curator Patricia McDonnell, herself a Hartley scholar. In addition, the museum is strong in works by B. J. O. Nordfeldt, and it has been named recipient of the estate of Charles Biederman, a reclusive artist living in southern Minnesota who is known for his vibrantly colored, highly abstract "constructions."

Maurer and Hartley were championed by Stieglitz, who organized solo shows for each and included both in several landmark group shows. When Stieglitz became concerned that Hartley was losing focus on his work, he agreed to allow Hudson Walker to represent him. An enthusiastic supporter of the older artist, Walker purchased most of Hartley's estate when he died. When Maurer committed suicide, Walker likewise acquired all of his estate from his widow. Although his gallery closed after only three years, Hudson Walker and his wife, Ione, continued to collect works by American artists. They are remembered as generous benefactors whose gifts and bequest form the core strengths of the University Art Museum.

The opening exhibit, *A New View*, will showcase the University Art Museum's permanent collection plus works from the Weisman collection. In addition, it will include an exhibit of artists who have influenced architect Gehry. Noteworthy among this group are Claes Oldenburg and his wife, Coosje van Bruggen, who created *Spoonbridge and Cherry* in the sculpture garden across the street from the Walker. Gehry is designing the installation of this opening show.

Some 100 works from the University's permanent collection will be arranged into four themes, says curator McDonnell. Grouping by content rather than chronology, she says, is a new approach for museums that is particularly well suited to conveying ideas to students who are critically considering art for the first time.

The first theme highlights the collection's breadth by giving an overview of American painting from the turn of the century through the 1930s. The influence of Matisse and Cézanne are evident in the expressionist works and some early

abstractions. The theory of "synchromism" developed by Stanton MacDonald-Wright is brilliantly demonstrated in two abstract paintings shimmering with color, painted between 1915 and 1920.

The second theme offers in-depth profiles of four artists—Hartley, Maurer, Nordfeldt, and Biederman—by showing works from all phases of their careers. The portrait paintings in particular offer intriguing comparisons.

Maurer was well known for his later figurative paintings; *Girl in White*, circa 1901, shows his command of formal composition from early in his career. He painted women's heads and torsos almost exclusively in the second half of his career. Since the features resemble Maurer's and the faces age as he does, critics have suggested that these are evocative self-portraits. In his later years these images, with their large, haunting eyes, grow increasingly abstract.

Hartley called *One Portrait of One Woman* a "symbolic portrait," the "moi" at its base referring to Gertrude Stein. Like Maurer some years earlier, Hartley lived and studied in Paris and frequented Stein's artistic salons. The central blue



Alfred H. Maurer  
*Still Life*, circa 1908

teacup on a typically French checkered tablecloth recalls Stein's afternoon gatherings; the predominantly red, white, and blue color scheme evokes both the United States and France.

The title of a Nordfeldt painting, *Seated New Mexican Man with Light Blue*

*Coat*, sums up the image but doesn't convey the treatment, which in its flatness and black outlining suggests a still life rather than a portrait.

The third theme is landscapes. Several Hartley works in this section show the painter's themes of mountains and the moods they evoke in the seasons of fall and winter.

"A Social Consciousness" is the fourth exhibit theme, which is illustrated largely by works on paper, from etchings to photographs. Most derive from the 1930s and 1940s; all depict social conditions in the United States at that time they were made.

The black-and-white photographs are especially affecting. Three by Lewis Hine, circa 1910, show child workers in textile mills and coal mines, their eyes old beyond their years. Photographs by Dorothea Lange and Walker Evans document the effects of the Depression on rural Americans during the late 1930s. (The Hine photographs, curiously, had been in the Scandinavian studies department, says McDonnell, and were transferred to the museum in the 1960s.)

Three large murals will also appear in the opening exhibition. Two come from the U.S. Pavilion at the 1964 New York World's Fair: a cartoonish pop art work by Roy Lichtenstein and another by alumnus James Rosenquist, '55, that was inspired by the first U.S. moon landing. The third, a mural fragment by Robert Motherwell, caused a flap when it was shown in the new student center on the Duluth campus in 1956. Students and faculty—118 strong—signed a petition urging administrators to remove the "so-called painting," a "crude daub that looks like a deformed octopus alongside of two decayed dinosaur eggs." It stayed up for the duration of the exhibit. Looking at this restrained abstraction now, it is hard to imagine what seemed so objectionable in the 1950s.

Besides the University's current holdings, the opening exhibit will give viewers a taste of the works in the Weisman collection promised to the University. In one grand gesture, this gift renews the museum's founding commitment: to present works by contemporary American artists.

Pieces from the Weisman collection date from roughly 1970 to the present and will be grouped in two themes: the figurative

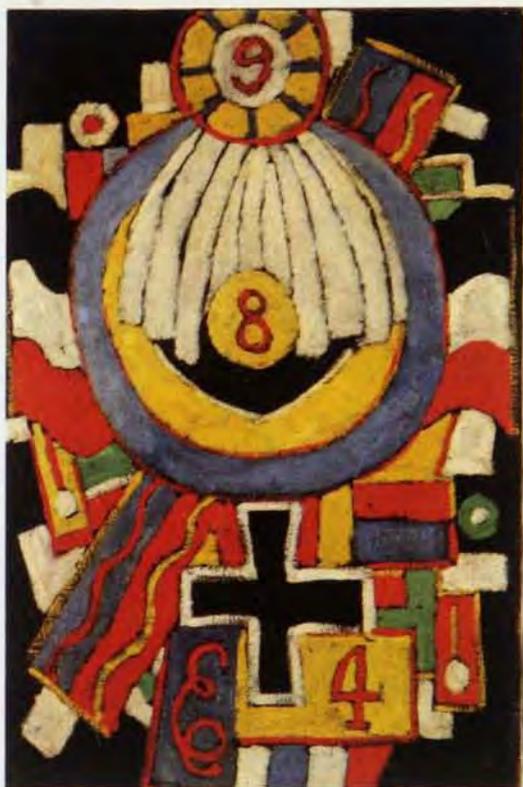
*Sated New Mexican Man with Light Blue Coat*, sums up the image but doesn't convey the treatment, which in its flatness and black outlining suggests a still life rather than a portrait.

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Marsden Hartley  
*Portrait*, circa 1914

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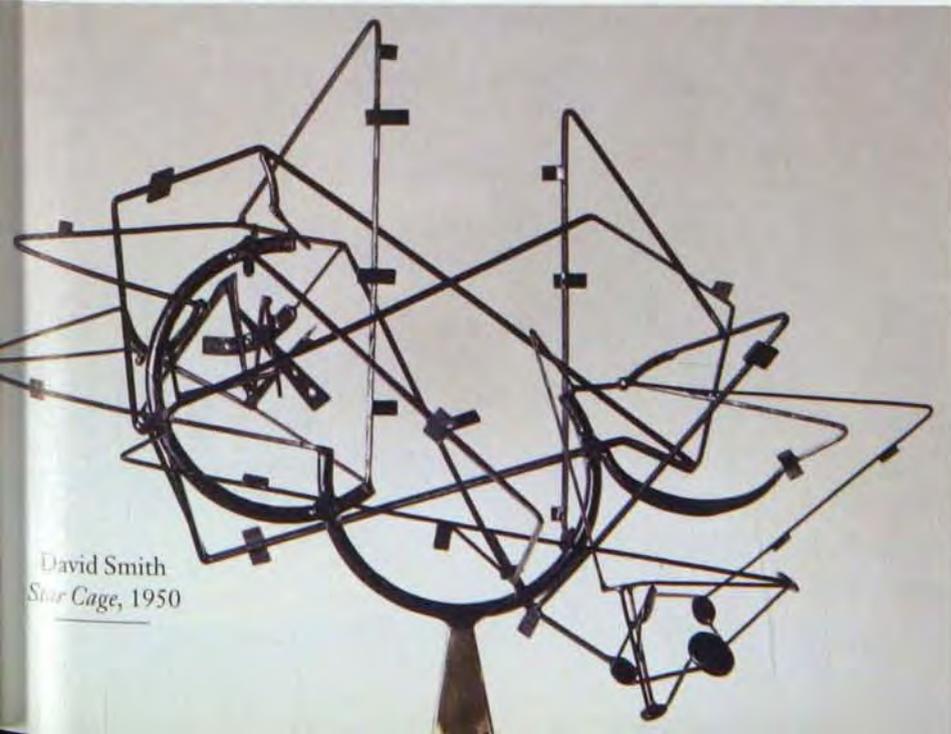
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Pieces from the Weisman collection date from roughly 1970 to the present and will be grouped in two themes: the figure and cultural critique. Among the works is Jonathan Borofsky's sculpture *Flying Frog with Chattering Man* at 2,845,322, a larger-than-life-sized black metal figure with an enormous blue/green neon arc over it. Andy Warhol's *Marilyn Monroe*, a 1967 suite of ten silkscreened images, will be readily recognizable in the cultural critique section. Donor Weisman thinks students may take a liking to another series from his collection; the title describes the content: *Football Shoes*, by Arman.

When the opening exhibit comes down next year, there will still be plenty to look forward to in future shows. The University has the largest collection of Korean furniture outside of Korea, says McDonnell. And there are the New Deal paintings. In two months in the summer of 1934 the University organized its own version of the federal Public Works of Art Project, a predecessor of the Work Projects Administration. The University paid some half dozen artists \$35 a week to produce sketches; a faculty committee then decided which would become finished paintings.

"This is a visual society," says museum director Lyndel King. "The visual arts are important in helping people understand the world around them, helping them express their ideas about the world around them, and making them look at the world in a new way. College is a time when people are doing these sorts of things.

"It's important to have a museum like ours on campus to provide a stimulus, to provide a challenge, to provide a new way for people to look at the world. By its design and by its programs, our new museum is going to do that." ◀



David Smith  
*Star Cage*, 1950

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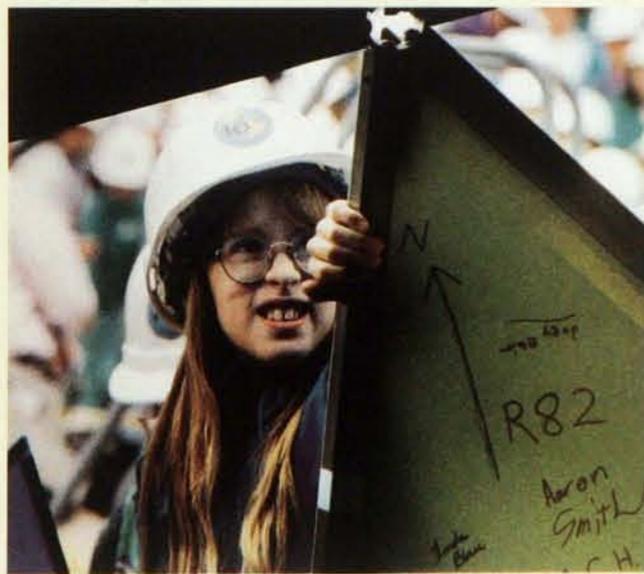
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# The Shape of Things to Come



**O**n Tuesday, May 4, 1993, beginning at the crack of dawn, 10,000 Minnesota children built a new world—a globe one-millionth the size of the planet Earth, 41.8 feet in diameter, with a surface area of 5,538 square feet, to be precise. The creation, assembled in six hours on the Northrop Auditorium plaza on the Twin Cities campus, took 2,400 curved aluminum struts, 1,620 plastic panels, six miles of half-inch plastic fastener, three tons of materials, 10,000 hard hats, 200 buses, a climbing crane powered by bicycling students to lift the dome, \$1 million worth of donated time and materials, and 250 Institute of Technology alumni, faculty, and engineering students. The project, the brainchild of Bryan Beaulieu, '72 mechanical engineering, founder and president of Skyline Displays and chair of IT Week, captured the attention of the international press and the imaginations of 10,000 kids from 184 schools throughout the state who learned firsthand about geography, cartography, geometry, engineering, mathematics, and environmental science—not to mention the lessons they got in art, politics, team play, and global cooperation. ■ The children's world is a remarkable symbol of what happens at the University of Minnesota every day as students, faculty, alumni, Minnesotans, and global citizens learn and discover new lessons that break the boundaries of our old world. In this issue, we introduce you to a small sampling of what goes into the University's daily new world order.

# New Faculty

By Vicki Stavig

What would you like alumni to know about your college or school? ■ "About our dynamic new faculty, particularly in the departments of aerospace engineering and mechanics and electrical engineering, who are offering new courses and pursuing new areas of research," answered Gordon Beavers, acting dean of the Institute of Technology until the recent appointment of Francis Kulacki. ■ Julia Davis, dean of the College of Liberal Arts (CLA), writing in *CLA Today*, offers a national perspective: In 1992, she points out, *U.S. News and World Report* ranked the University of Minnesota sixteenth in the nation in terms of the quality of the education it provides. Only Michigan and Wisconsin in the Big Ten and three other public institutions ranked higher than the University. The ranking is based on three factors, says Davis: the scholarly productivity and preparation of the faculty, the quality of the graduate students they attract, and the amount of external funding the institution brings in through competitive grant activity. Davis wants people to understand that the faculty can't rest on past laurels, that classroom teaching (on average, 9.6 hours during a 57-hour work week) be understood in the context of all that is required of them—advising, research, writing funding proposals, faculty governance, and community outreach, to name just a few expectations of a University faculty member—if the Minnesota tradition of excellence is to continue. ■ "The level of quality of this college [CLA] astounds me when I compare its resources to those of the institutions that are ranked higher than we," says Davis. "When I report at Big Ten deans' meetings that CLA has 13,500 undergraduate students and 2,000 graduate students but only 515 faculty members, the reaction is one of astonishment. Minnesota faculty are not pampered individuals who have nothing to do except teach a few hours a week, and we do them a great disservice when we focus on in-class activities as the sole measure of their productivity." ■ To give you an idea of what being a University faculty member is like, let us introduce you to Gary Balas and Karin Musier-Forsyth, two of the ten University of Minnesota faculty members named McKnight Land-Grant Professors in February. The professorships recognize junior faculty members with a yearly research grant of \$16,500 for three years and one year with full pay to pursue research.



## A Day in the Life

At 9:00 on a sunny May morning, Gary Balas, an assistant professor in the Department of Aerospace Engineering and Mechanics, grabs a cup of coffee from the lounge and heads to his second-floor office. He's already spent an hour at home working on a funding proposal for the redesign of air

traffic control systems. A proposal for the joint project with Honeywell Systems Research Center is due at NASA Langley in two days.

Balas, who is director of graduate studies in the Control Science and Dynamical Systems Center, finds a grad student waiting outside his office to ask his advice on a research problem. Within a matter of minutes, several students from Balas's undergraduate experimental lab class arrive with questions about data analysis. They're working on a controls experiment to eliminate vibration in

cars, airplanes, and other vehicles.

Soon after, another grad student stops by to ask Balas to serve as adviser for his Ph.D. "Unfortunately, I already have seven Ph.D. students and don't have the resources or the time to advise you," Balas tells the student before giving him several other recommendations. "It's the hardest thing to say no to students," he says later.

The undergrads return with more questions, then Balas is finally alone. He logs onto the computer, checks his electronic mail, and begins work again on the proposal. Balas is interrupted half an

hour later by a student who needs his signature on a Ph.D. qualifying exam, then by a grad student with whom Balas is writing a paper on control of high-performance military aircraft. "The idea is that they would like these new high-powered military aircraft to be turned around more quickly during air-to-air combat," Balas explains.

The phone rings—a call from a colleague who wants to discuss arranging seminars with a visiting professor from India. More lab students, more questions, and more work on the proposal occupy the rest of the morning. At noon,

Balas and a colleague who is working with him on the proposal walk to the Village Wok, where they discuss the proposal over lunch.

Back in the office at 1:00, Balas answers more lab questions for students, then listens to another student explain why he hadn't done as good a job as he had hoped on a project. After another half hour of work on the proposal, Balas heads down to the lab, where he checks experiments for the following day. At 3:30 he meets with his grad students in the lab to discuss their research and plans for the coming month.

### Gary Balas

An hour later, Balas is back in his office working on the proposal. At 5:15, though, he shifts gears and heads for a Minneapolis baseball field, where he takes his position in right field. At one point Balas's team is down 14-3, but two ten-run innings result in a 24-17 victory.

Home at 8:00, Balas kisses his wife, greets his two dogs, and sits down to a dinner of quesadillas before he tackles the proposal once again. At midnight he calls it a day, satisfied that he has put in a good day's work.

# Conversation with a Chemist

“It’s normal to be in the office on a Saturday morning,” says Karin Musier-Forsyth. “I’m here almost every Saturday and some Sundays preparing for my classes and doing what I really love to do—research. I started as an assistant professor in the chemistry department in August [1992] and spent fall quarter ordering equipment for the lab, getting undergraduates going on research, and writing lecture notes, research grants, and proposals for federal funding.

“I actually started teaching classes winter quarter. I enjoy teaching at both the undergraduate and graduate levels. It’s challenging and very rewarding. But a big part of this position is teaching and training graduate and undergraduate students to do chemistry in the lab. That

goes on all the time, even when I’m not teaching a formal class.

“I’ve always been interested in science. I had the opportunity to do some undergraduate research at Eckerd College in St. Petersburg, Florida, and that really got me interested. I got my Ph.D. at Cornell University and did postdoctoral work at MIT.

“I interviewed around the country and had several offers before deciding on the University of Minnesota. My husband, Craig Forsyth, also was one of the four new faculty hired by the department in 1992. The department here has a good reputation, and it seemed to be a very supportive environment. I felt it would be a place that I would be able to accomplish what I want to do, both in research and in teaching.

“The department has a lot of young

faculty. One of the unique things about it is that you get a three-member tenure committee when you start here. They serve as a support group for you, like a formalized mentorship group. That really impressed me. It seemed to be a place that takes teaching seriously, and I liked the direction the department was going.

“I’m interested in applying chemical and physical methods to studying important biological interactions at the molecular level. That’s important for drug design, for example—to understand how biological molecules interact with each other. One of the systems I’m working on is the HIV reverse transcriptase. That’s an enzyme involved in the life cycle of HIV, the virus responsible for AIDS. We’re using the purified enzyme to study how it initiates the transcription of DNA from the viral RNA. I’ve been interested for a long time in transfer RNA (tRNA), which is very important in priming the reverse transcriptase reaction.

“I was awarded the McKnight Land-Grant Professorship, which will allow me to focus on research and training graduate students for one full year in 1994-95. My focus will probably be this HIV project. It’s definitely an important area of research, understanding this virus that causes AIDS. I think I can contribute a more molecular understanding of what occurs in the priming reaction.

“While I was an American Cancer Society Postdoctoral Fellow at MIT, I was looking at how tRNA interacts with another class of enzyme known as aminoacyl-tRNA synthetases. This is another area of research I am pursuing here. I also was awarded a National Science Foundation Graduate Fellowship and a National Institutes of Health Predoctoral Training Grant, both while I was at Cornell. The McKnight professorship is a real honor. It’s nice to get recognition that your work is important and worth funding.”

**Karin Musier-Forsyth**



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# New Research

By Vicki Stavig

**R**esearch is alive and well at the University of Minnesota. Consider this: Between July 1992 and May 1993, University faculty members received approval from public and private

agencies for 2,796 research grant proposals totaling \$237,152,551. ■ With more than 150 invention disclosures this year, Minnesota ranks in the top ten universities in terms of patents received. The University has 206 active technology transfer agreements with 168 companies, 61 of them located in Minnesota. In 1993 the University's Office of Research and Technology Transfer Administration was selected by the Technology Transfer Society to receive the Justin Morrill Award for its exemplary role in research transfer. ■ While it used to be that research mostly involved rats and a cage and controlled behavior, today the definition has expanded a thousandfold. ■ The state of Minnesota has become a living research laboratory where University faculty members reach out to communities to study and help resolve the challenges of the future. We offer as examples the research of Mark Wolfson and Kathryn Rettig.



# Divorcing the Children

**C**hildren are her main concern, although Kathryn Rettig, an associate professor in the College of Human Ecology, is quick to point out that her research activities are oriented more toward education than advocacy. Her research on how divorce affects the economic well-being of men, women, and children in Minnesota was responsible for Rettig's winning the 1993 Outstanding Contributions to the College and Community Award. Begun in 1988, the research project is funded by the McKnight, Bush, St. Paul, Bigelow, and Emma B. Howe foundations. It's a unique collaboration that brings together county government, the district court, and the University in a common effort to examine a critical social issue. We asked Rettig what she does, and why. Her reply:

"I serve as principal investigator for the research, and individuals from Ramsey County District Court, the county Board of Commissioners, and the Minnesota Extension Service provide supportive educational and advocacy roles. Lois Yellowthunder, human services planner for Washington County, has served as project manager.

"We examined 1,153 divorce cases from all ten judicial districts in the state that were finalized in 1986 and that involved minor children. During the second and third phases of the research, we contacted both parties to these divorces by mail survey and telephone interviews. The intent of the research was to look at changes in the economic well-being of these adults and children over time. The research team first concentrated on analyzing the information about the economic well-being of children in order to determine the adequacy of the Minnesota Child Support Guidelines.

"The research results indicate that children from divorced families are economically at risk. The amount of income that would be provided by the state guidelines is insufficient for their income needs. To complicate matters further, many of the child support awards are below the amount of money recom-

mended by the guidelines, and the amount of money actually received by the children is less than [that] specified in child support awards.

"In 1986, the amount of money received per child per week was \$45.12. Weekly food costs were \$26.88, so that left \$18.24 for housing, clothing, and everything else. By 1990, they were getting only \$40.95, and food costs were \$32, so that left \$8.95 for all other needs.

"I believe the research has been helpful to the people in Minnesota by calling attention to the income needs of chil-

dren. We have developed a workbook that attorneys, mediators, and divorcing parents can use to better estimate children's financial needs. We also have developed a worksheet that attorneys, court referees, and judges can use as a decision guideline for equivalent levels of living for the two households. The use of this calculation for joint and split custody cases was proposed during the 1991 legislative session.

"Finally, we have analyzed the effects of the state child support guidelines on the children of Minnesota and testified to legislative committees about these results. The study results also were useful to the Minnesota Supreme Court Gender Fairness Task Force and the National Women's Legal Defense Fund."



**Kathryn Rettig**

*"The research results indicate that children from divorced families are economically at risk."*



## For the Public's Health

**M**ark Wolfson, an assistant professor in the School of Public Health, currently is involved in two research projects—one on youth and alcohol, and another on tobacco control. "Some of the most important gains we've made in health have been made through citizen action groups," says Wolfson. "I'm interested in understanding those efforts that arise naturally, as well as efforts for which we at the University serve as something of a catalyst."

Through Communities Mobilizing for Change on Alcohol (CMCA), a five-year project funded by a grant from the U.S. Department of Human Services to the School of Public Health, Wolfson is helping to develop and implement programs to reduce underage drinking. The project began in 1991 in fifteen Minnesota and Wisconsin communities in which Wolfson and collaborators are collecting data on alcohol use among ninth- and twelfth-grade students. Because attitudes, beliefs, and customs are different in each community, CMCA has hired part-time

community organizers in seven of the locations to serve as catalysts and conduct interviews to see how each community

defines the issue of youth and alcohol.

The community organizers will work with strategy teams made up of representatives of all sectors of the communities to "come to their own understanding of the issue and to develop a strategy," says Wolfson. "Then we'll evaluate to see if this approach works. Many projects have focused on changing the kids, convincing them not to drink. Our orientation on this project is 'What responsibility does the community at large have with this issue?'"

The three-year community projects will be followed by surveys to see if fewer kids are using alcohol or are less likely to start using alcohol. "Will what we're doing help communities develop an improved capacity to deal with health and alcohol problems in the long run?" asks Wolfson.

The second research project, funded by the University and the National Institutes of Health, is an attempt to understand how the tobacco control movement in Minnesota has developed over the past twenty years. "Minnesota

has been a living laboratory in tobacco activism and policy," says Wolfson. "It passed the first comprehensive clean indoor air legislation, and White Bear Lake became the first city in the country to ban the sale of cigarettes through vending machines. Minnesota has a long history of firsts in tobacco control."

Wolfson is interviewing leaders in the

### Mark Wolfson

*"Minnesota has been a living laboratory in tobacco activism and policy."*

tobacco control movement, studying archival records, and gathering data from questionnaires sent to a sample of people involved in organized tobacco groups throughout the state. Why is this project important? "It's a great example of a significant social movement," he says. "Minnesota is a leader in tobacco policy, and that didn't come out of nowhere. I think it's important to understand that process."

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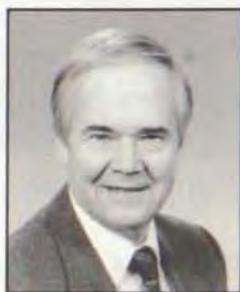
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### NEW PERSPECTIVES

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# New Undergraduate Student Focus

By Geoff Gorvin

**T**he Institute of Technology has new student advising teams. The School of Dentistry is the only dental school in the country that guarantees the quality of its undergraduate D.D.S. program and offers job placement assistance for eighteen months after graduation. The College of Liberal Arts has been streamlining and personalizing its academic advising services, and as a result the premajor advising ratios fell from 577 students to 1 adviser in 1987 to 250 to 1 in 1992. Undergraduate students in the College of Natural Resources and others are being offered more research experience. And if more proof is needed that the University is taking undergraduate students more seriously than ever before, here it is: \$250,000 is being set aside to eliminate graduation fees. What's new for undergraduates? We talked with a student and an adviser.

## The Paper Chase

**I**walk over to the laser printer and snatch the piece of paper that has just dropped out. I've done it umpteen times before without ever thinking twice about it, but this time is different. I've just spent half the afternoon listening to a student explain to me the highly complex and technical process of making paper.

The student is Dan Allard, who is starting his third year in the paper science and engineering program. He explains the paper-making process by combining everyday images with technical jargon.

The first step in making paper, Allard told me, is producing pulp by mixing wood fiber and water. Pulp has the consistency of watered-down oatmeal when it's ready for the paper mill, where it's cleaned several times with water and chemicals until it resembles lemonade. It's then spread onto a superfine screen that's about "from here to the corner of the bookstore over there" long. As the "lemonade" solution is shuttled along on the screen, the water is sucked out until you have something that resembles soaking-wet notebook paper.

After leaving the screen, it winds its way through a series of steam-heated canisters that continue the drying process (refer to Allard's drawing that explains the difference between 250-degree steam and 212-degree steam and how the steam-heated canisters dry the paper). When the material is finally dry, it's paper.

That's it in simplest terms. Allard uses kitchen chemistry only for explanations to the uninitiated. He usually talks about titrations, evaporator efficiencies, and

recovery furnace chemistry. In fact, it's the technical part that interests him. After he graduates, he wants to work at a paper mill in the technical department, doing things like making machines run faster and more efficiently, or improving the properties of the paper itself.

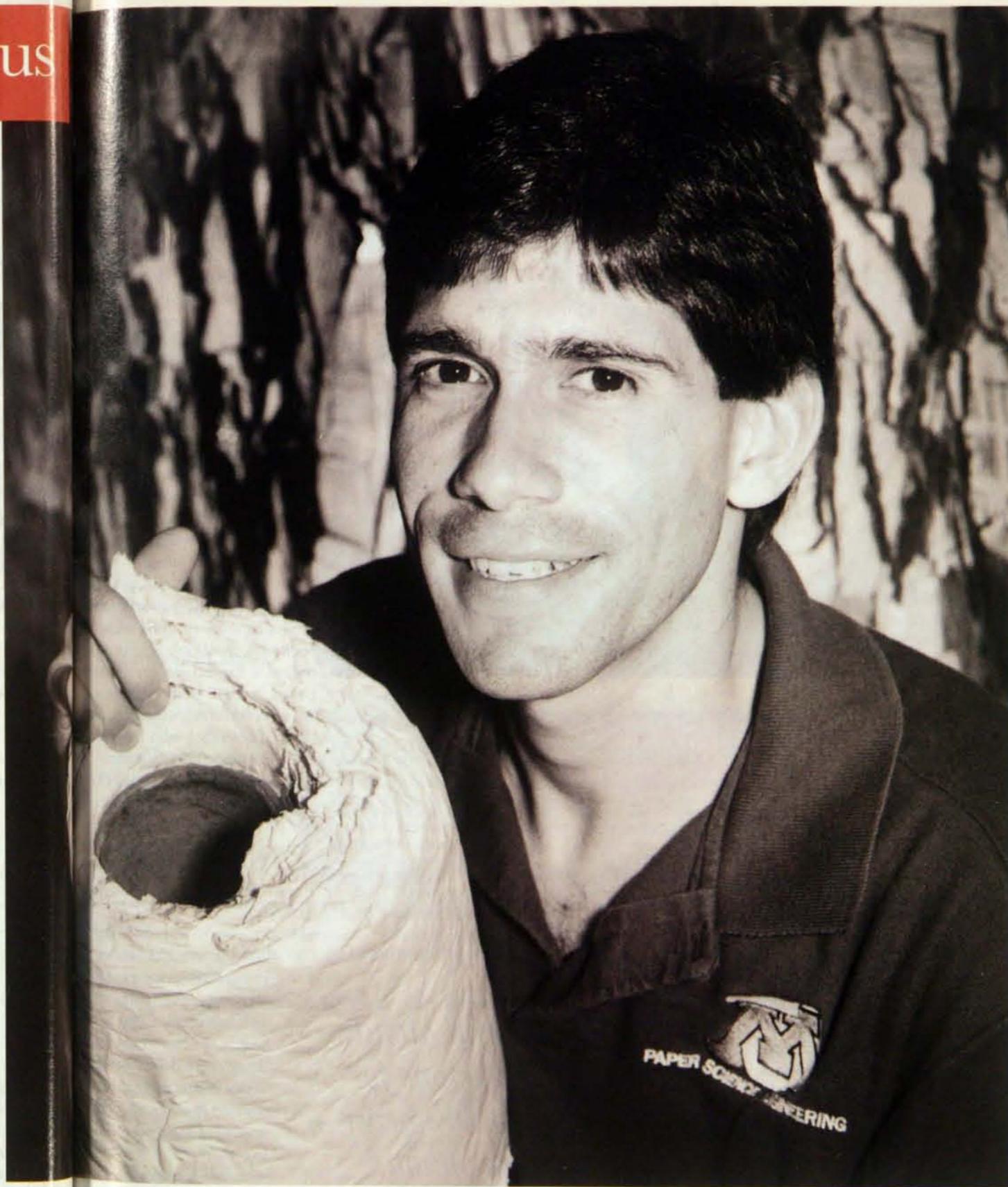
Allard's profile is typical of most students in the paper program. They either end up working at a paper mill or at a company that supplies paper mills with equipment, chemicals, or other materials.

The program is attractive because the graduates are in demand in the paper industry. Placement usually hovers around 100 percent, and starting salaries are about \$35,000. The program is one of only nine in the country, which collectively produce about 180 graduates a year to fill jobs at some 600 paper mills and hundreds of vendors throughout the country.

Not bad for a program that was resurrected in 1986, when it had nine students. That's when the University decided to beef up the program to keep up with the state's \$

Right, Dan Allard

*The program is one of only nine in the country, which collectively produce about 180 graduates a year to fill jobs at some 600 paper mills and hundreds of vendors throughout the country.*



billion-a-year paper industry. Bob Rouda was hired as program director, and the numbers started to increase quickly. Today, the program has 37

scholarship contributors, a 1993 gross income of \$55,607, and 56 students like Dan Allard who are in regular contact with industry representatives

who are just as interested in the students' futures as the students are in the experts' knowledge and experience.



"The fun stuff is the advising," she says. "It's the most rewarding thing I've ever done—other than parenting. I never get sick of it."

Over the years, she's seen it all: personal and academic problems, successes and failures, undecided and decisive students. But she's not there to make students' decisions for them. "We're very careful about never making decisions for our students," she says. "We never give them just one option. . . . Students can get overwhelmed with choices. We'll help walk them through the choices but we need to know their priorities."

Peterson's accomplishments go beyond advising. In fact, her work with student programming earned her MVP status again last year when she received the Academic Staff Recognition Award for outstanding service.

She appreciates the awards, but the honor she's most proud of sits in a cheap glass picture frame on the bookshelf in her office: a handmade certificate issued in 1980 by the Order of

## Most Valuable Player

If Kathie Peterson were a baseball player, she'd lead in all-star votes, light years ahead of guys like Barry Bonds and Ken Griffey, Jr. Then she'd collect a Golden Glove Award, bag a batting title, and cap off the season as most valuable player (MVP).

To top it all off, Peterson would accept the awards with Kirby Puckett-like modesty. She just wants to use her skills to influence kids positively, she'd say. Surrounded by reporters, she'd announce that her official awards and titles are nice, but the one she cherishes most is being named Baseball Queen by Mrs. Hofstra's fourth-grade class.

Peterson isn't a baseball player, she's director of student services in the College of Biological Sciences (CBS), but she has piled up a string of honors

that suggest she's an MVP on the University's team.

In Peterson's eyes, the bottom line is students, and her job is to do every-

thing humanly possible to help them succeed.

Advising tops her list, and few University advisers are more experienced than Peterson or enjoy the job more. She's advised around 7,500 students dur-

### Kathie Peterson

*"We're very careful about never making decisions for our students . . . . We never give them just one option."*

ing her eighteen-year career, and she received the University's John Tate Advising Award in 1987.

the Hydra (CBS students), which honors a faculty or staff member who has been exceptionally helpful to CBS students.

Peterson also collected an award that didn't come with a certificate, a recognition dinner, or anything that she could set on her bookshelf. All she has is the vivid memory of the event, but she cherishes it almost as much as the Order of the Hydra award.

Several years ago at the end of a biology colloquium, the students recognized the most helpful and supportive faculty and staff members. Guess who was at the top of the list? They dressed Peterson up with a crown and cape and paraded her around. "That was one of the most gratifying honors I've ever received," she says.

Peterson can't say enough about students. Students can't say enough about Peterson. If only the Twins could put together such a perfect game.

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# New Partnerships

By Geoff Gorvin

n times of uncertainty, dwindling resources, and rapid technological and social advances, the name of the game is partnerships. No one, especially the Uni-

versity of Minnesota, wants to be left or leveraged out, and partnerships—with the community, with other educational institutions, among University units—are valued as never before. Consider but two examples that debut this fall.

## Reaching Out to Teach Someone

**R**emember those story problems that you did in ninth-grade algebra class?: “If two trains left the same station at the same time and one traveled 30 mph faster . . .” You just cross multiply and divide both sides by the number in front of the  $x$ . Or something like that.

How about this one: Detroit Lakes is 200 miles from the University’s Twin Cities campus and 45 miles from Moorhead. Kathy Burlingame lives in Detroit Lakes and wants a master’s degree in nursing from the “U of M.” How long would it take her to get to class if she drives 60 mph, with a 10 mph headwind? About three hours? Sorry. Try less than an hour.

You won’t be able to figure this one out unless you have the missing  $y$ : The University is offering graduate courses in nursing at Moorhead State University (MSU).

This story problem is brought to you by a University of Minnesota-Moorhead State partnership funded by a three-year grant. Starting this fall, the University will send faculty members to MSU to teach courses and will offer telecommunications courses.

MSU initiated the partnership because an increasing number of nurses in the Moorhead area want more education. A partnership made sense, says Marilee Miller, University of Minnesota nursing school associate dean: “We have a history of outreach, of taking courses out into the state, and this is consistent with that history.”

But in this case, outreach doesn’t just mean packing up a couple of faculty members and sending them up Interstate 94 every week to teach at MSU. The University will also offer several courses

each quarter through telecommunications. At the front of a 100-seat classroom on the Twin Cities campus that’s equipped with sophisticated audio-visual equipment is the instructor, who leads a normal discussion but is linked with MSU electronically. (The teleclassroom itself is an example of collaboration among the Schools of Nursing and Den-

*“America is getting older, and nursing is changing because people are coming into the hospital more acutely ill and are leaving quicker. Rural Minnesota needs more nurse practitioners. This is a forerunner of where nursing’s going.”*

tristry and the College of Pharmacy, whose Century Mortar Club provided funds to purchase the equipment.) MSU has a similar classroom that not only lets students follow along in the discussion taking place in the Twin Cities, but also allows them to participate in it.

Meet Kathy Burlingame, who is in fact a nurse who lives in Detroit Lakes and is in the University’s School of Nursing graduate program. She won’t have to spend two or three hours driving to and from the Twin Cities for classes. She’ll just head west on Highway 10 and drive less than an hour to MSU.

“You give up access to the resources at the ‘U,’ but Moorhead State is more convenient,” she says. “There are tradeoffs.”

Burlingame is taking an on-site course fall quarter and telecommunications courses each of the next two quarters. She will finish her degree much sooner this way than by taking summer courses at the University.

“There’s a real need out there, especially when you look at the trends,” says Burlingame, who works as a nurse and teaches nursing in Thief River Falls.

“America is getting older, and nursing is changing because people are coming into the hospital more acutely ill and are leaving quicker. Rural Minnesota needs more nurse practitioners. This is a forerunner of where nursing’s going.”

There’s no doubt about where the partnership is going, Miller says. She’s encouraged by the enrollment so far, and the University has been approached by other schools that are also interested, including St. Cloud State, Bemidji State, and Southwest State.

It could make for more story problems—and answers.

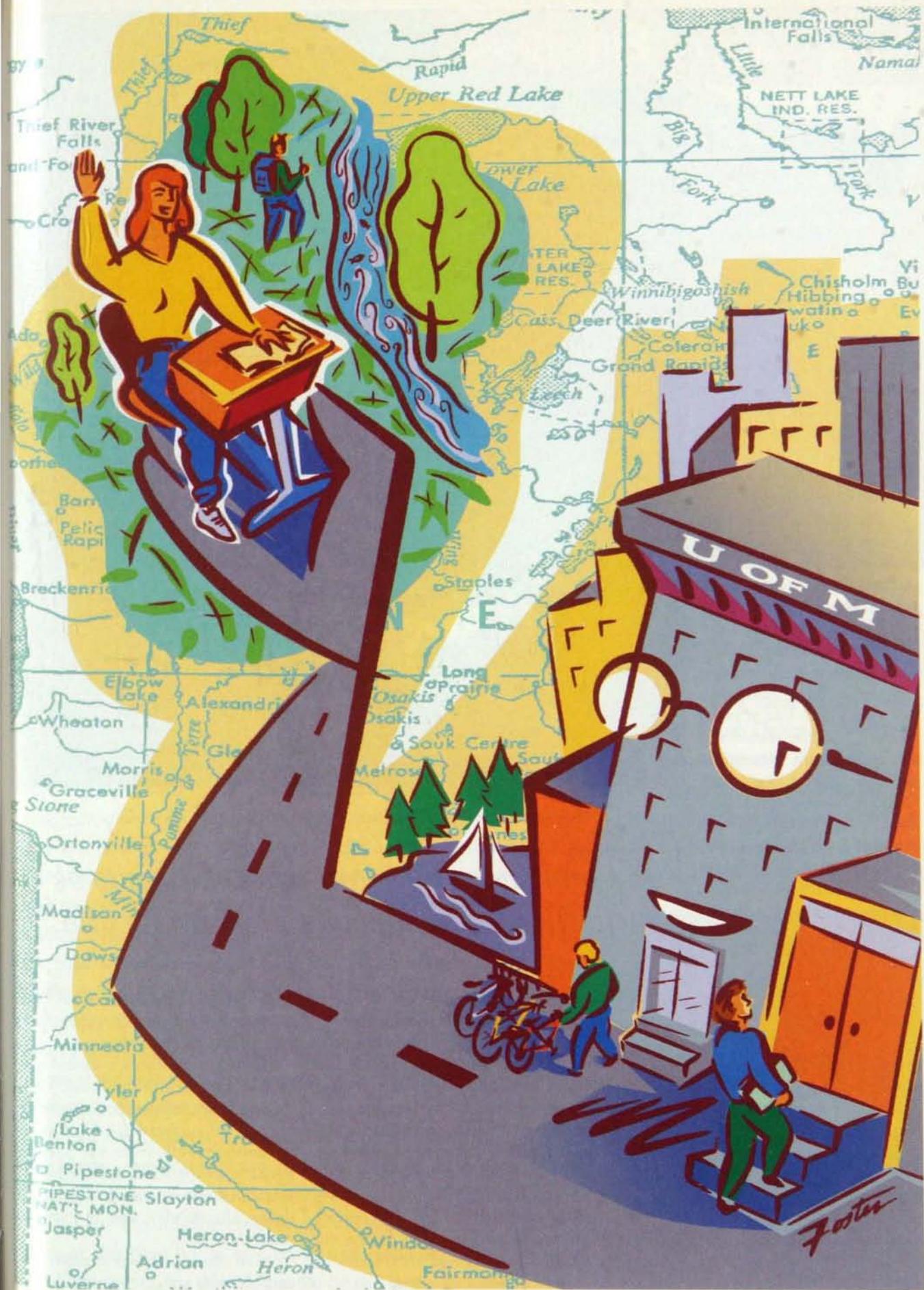


ILLUSTRATION BY MATT FOSTER

# Taking Care of **B**usiness

**W**ith fourteen Fortune 500 companies and thousands of other highly successful businesses, the Twin Cities is one of the hottest business communities in the country. Sitting right in the middle of this hub is the University's Carlson School of Management, one of the nation's best public business schools, whose goal is to be among the nation's top ten, public or private. You'd think the two would be a perfect pair.

Instead, the Carlson School and the business community have been like a couple of nervous junior high kids who flirt and pass notes but never really get to know each other.

That began to change two years ago, when the Carlson School invited local business leaders to help develop a strategic plan. The process revealed that the school was missing out on a tremendous resource—what it likes to call “a living laboratory of business.” The result, which debuts this fall, is a new and improved M.B.A. program that starts and ends with a business community partnership.

The links to business will be many, and they will be direct:

■ The first year of the M.B.A. program includes the Executive Mentor Program, which pairs small groups of students with high-level business execs who expose them to the mechanics of their corporations and life in the hot seat. “It’s an inside glimpse of what it takes to be an effective leader in today’s business world,” says Mary Nichols, associate dean of programs.

■ During their second year, students have two options for a consulting project. One enables teams of students to get



**Mary Nichols**

*“It’s an inside glimpse of what it takes to be an effective leader in today’s business world.”*

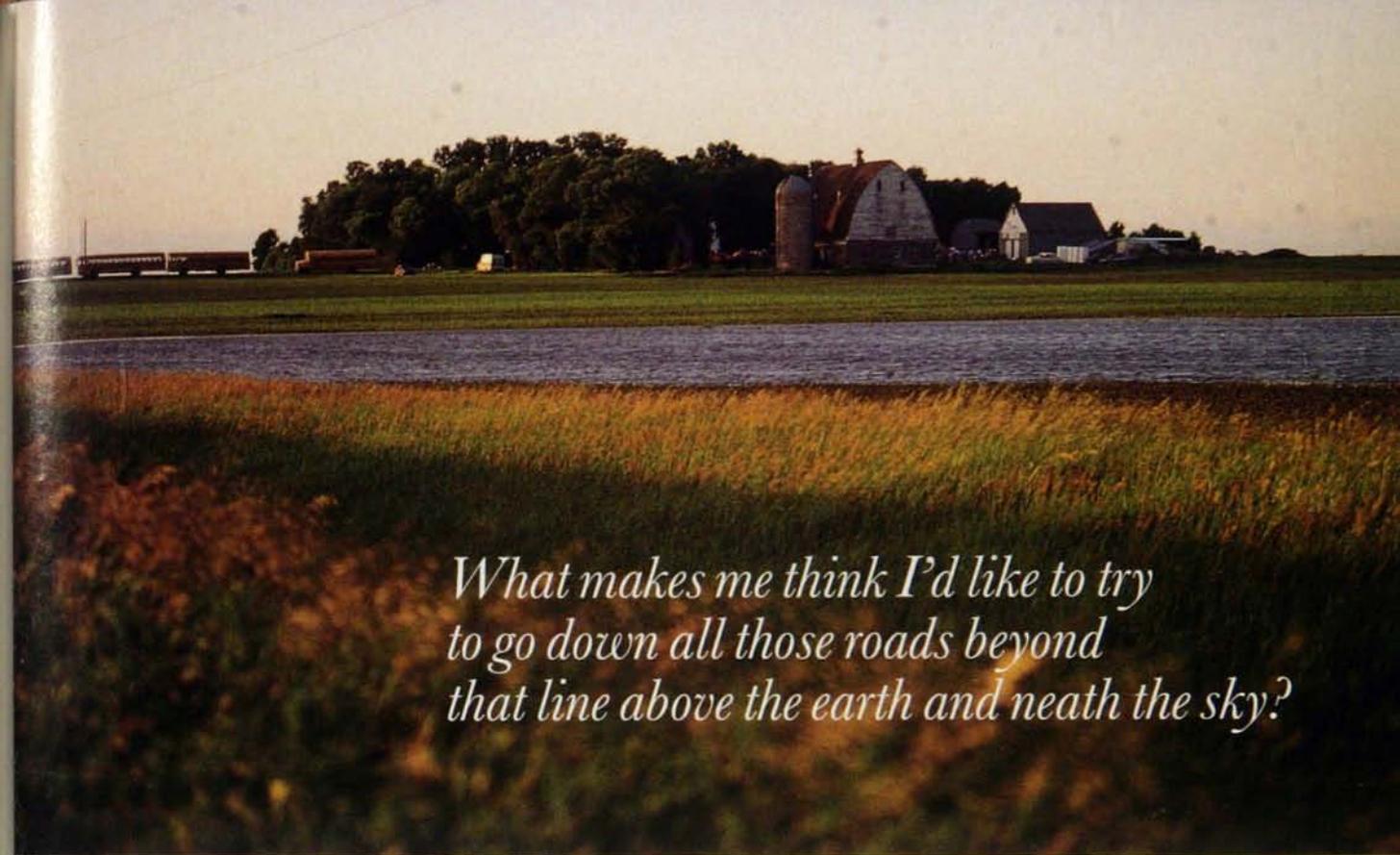
hands-on experience working for businesses on real problems and situations. This project is similar to the field experience that the M.B.A. program has required for decades. The second option is an entrepreneurial opportunity: Students market University-developed research and technology or use it to cook up a new business. “The students develop this track,” Nichols says.

■ A course called Top Management Perspectives, also required during the second year, is a chance for students to hear national business leaders.

■ The Carlson ProSeminar Series features business leaders talking about current issues and practices.

The Carlson School is excited about its joint efforts with the business community. “Both sides are noticing the benefits of this partnership,” Nichols says. Students benefit from the practical advice and experience, and the business leaders value their contact with the students, the faculty, and the school’s research projects.

“And they’ll get better students in the end,” Nichols says.



*What makes me think I'd like to try  
to go down all those roads beyond  
that line above the earth and neath the sky?*

## Going Home

In June of this, the year of the flood, a group of University of Minnesota students and faculty packed their bags and headed for the farm—in Staples, Red Lake Falls, Canby,

Pipestone, and Olivia, Minnesota; New Rockford, North Dakota; and Faulkton, South Dakota—to stage a musical production of Aaron Copland's *The Tender Land*. In perhaps the worst farming year in decades, the University produced one of its best collaborative efforts. The University's School of Music supplied the conductor, directors, singers, musicians, and technicians, the farms and towns supplied the porch-turned-stage, the chorus, and the audience—the heart and soul of the production. In Red Lake Falls, a town of 1,481 residents, 1,300 neighbors turned out to watch the performance in the rain, vetoing a proposed move to the school gym. In New Rockford 1,700 neighbors came, in Faulkton 800. Everywhere the production was a hit; players and audience alike were moved by the age-old story: choose love, adventure, and the promise of change, or home, family, and the land? ■ In a way, it is the story of the University's land-grant mission. Hundreds of thousands of students from Minnesota's farming communities have chosen to leave their homes for the promise of an education at the University, ultimately accomplishing wonderful things for their state and even the world. But the University returns few sons and daughters back to the small towns they came from, sending instead its extension agents, patents, and new research, its programs and musical productions to make up for the missing children. ■ We went to the June 26 performance at the farm home of George and Linda Stadther, just north of Olivia, Minnesota, for this look at life on the farm.

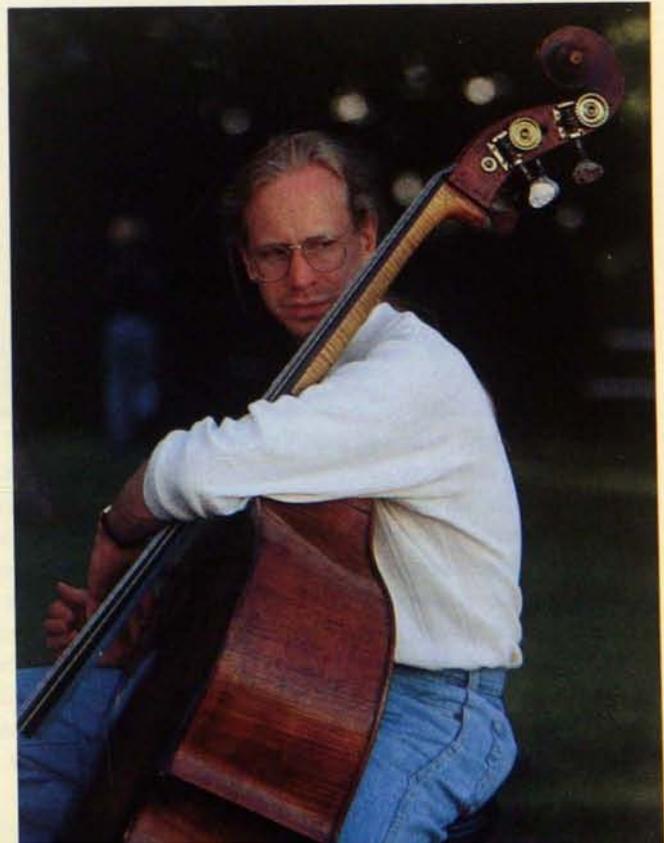
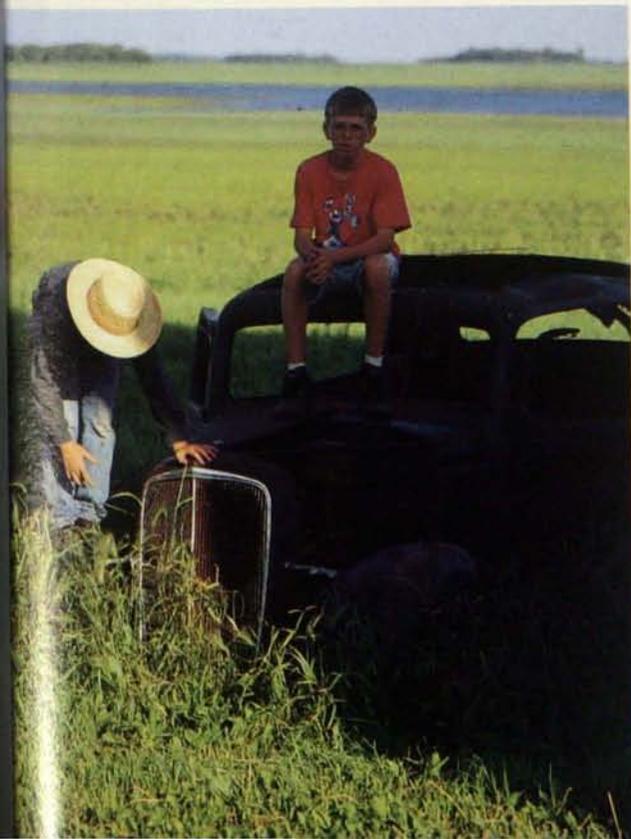




*The plains so green,  
the tender land,  
where we begin to understand  
I don't know where the road will lead,  
just yesterday I didn't care, my life was here,  
but now, I'm sure it's there*



*The promise of living with hope and thanksgiving  
is born of our loving our friends and our labor*



# New Curriculum

**T**he College of Natural Resources recently reported that 40 percent of its undergraduate students are enrolled

in natural resources and environmental studies and 22 percent in fisheries and wildlife studies; twenty years ago those programs did not exist. This fall the Carlson School of Management will begin curriculum changes in its M.B.A. program that incorporate concepts like integrated multidisciplinary course work and team teaching. The School of Nursing, responding to the demand for primary care services, is expanding to include gerontology, pediatrics, and family nurse practitioner courses. The College of Pharmacy is developing a new curriculum to prepare pharmacists for the 21st century. The College of Education is leading the nation in teacher education reform by preparing leaders in education and human development, switching from traditional undergraduate teacher preparation programs to intensive postbaccalaureate programs that require entering students to have bachelor's degrees. ■ New research, new partnerships, new faculty, and a new world translate into new curricula at the University of Minnesota. Here we offer two examples.

## The Education of a Teacher

By Gayle Grika

**M**arty Thomas is the prototype for a new generation of teachers whose theoretical knowledge is matched by extraordinary compassion and cultural sensibility. He is uncompromising, funny, wise, and eager for the challenges of today's urban classrooms.

A recent graduate of the College of Education, Thomas has begun to live out his own dream of changing the world—child by child. As a new elementary teacher in the Mississippi Creative Arts Magnet School in St. Paul this fall, he's putting into practice the insights he's gained in the college's distinctive fifteen-month teacher licensure program.

"What I learned in this college completely revolutionized my understanding of what a teacher does," says Thomas. "I recognized how obsolete my role models were, how vastly different teaching is today from what it was twenty years ago. When I was in school, teachers were afraid to admit they didn't know something. There was one right way of doing things and students were expected to parrot back correct answers. Today, the focus is the student's thinking process. Teachers aren't supposed to serve as encyclopedias, they're supposed to empower chil-

dren to find answers themselves. It's more exciting for a child when you explore a question together, when you tap into their natural delight in discovery."

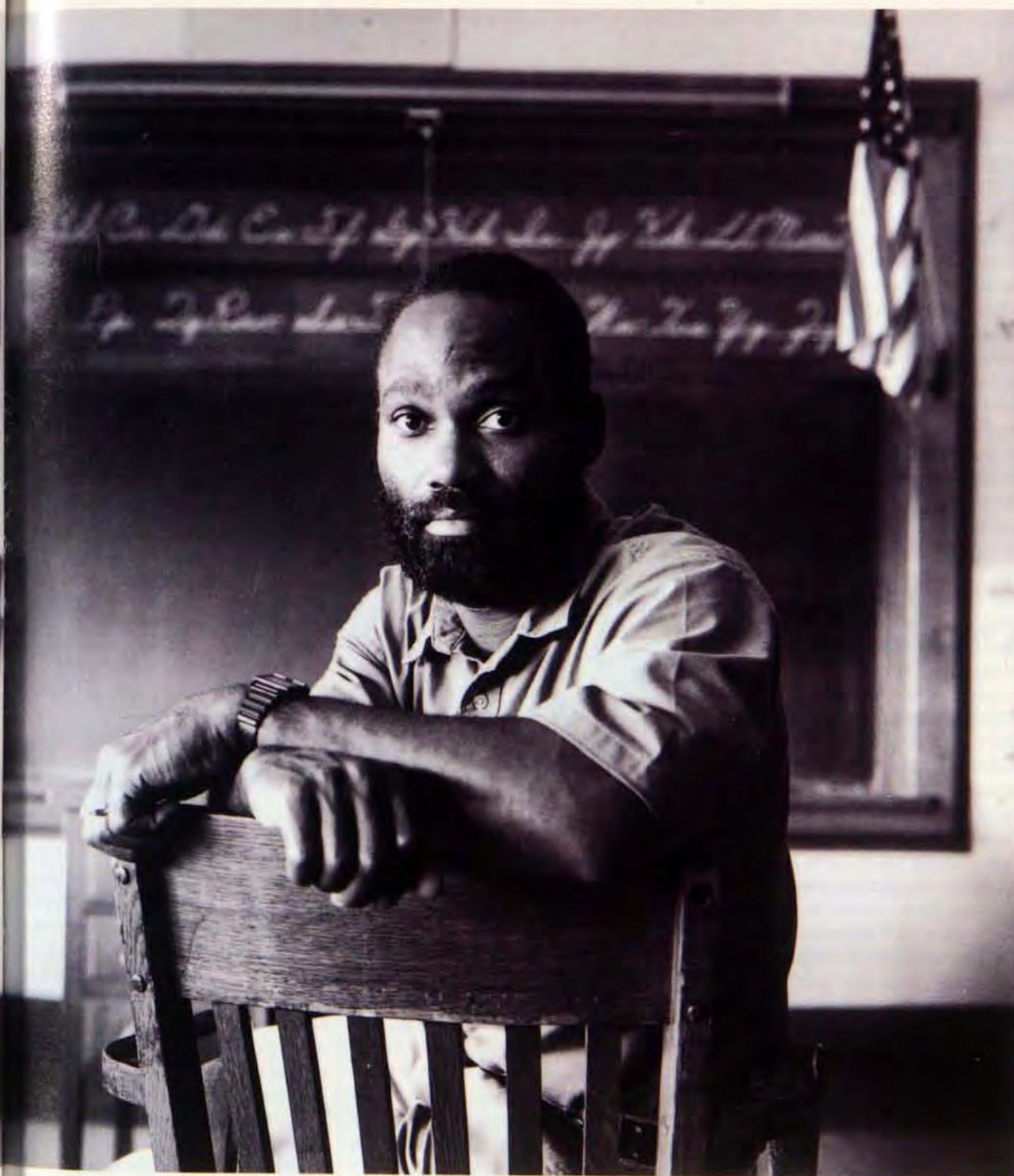
With a master's degree and years of professional experience counseling adults, Thomas, at 35, shares a high level of maturity, accomplishment, and independence with other postbaccalaureate students. He selected the program for three reasons: it acknowledged his professional background; provided more hands-on, classroom experience than other programs; and offered an urban setting. "I want to teach in an urban school, so this is a wonderful opportunity to experience the complexity and challenge of that environment," says Thomas. "This university isn't a sterile, controlled research laboratory. These people are working right in the middle of sprawling real-world problems, trying to turn things around. That's what I want to do."

The College of Education was among the first few schools in the country to respond to the spate of national reports in the 1980s asking teacher education institutions to go back to the drawing board. Five years ago, in a bold experiment, the college shifted its traditional undergraduate teacher education to postbaccalaureate education: Entering students had to

have a bachelor's degree, ensuring a solid liberal arts foundation, and in-depth mastery of their subject area before they began to study teaching.

The experimental postbaccalaureate programs have been so successful that they've become the model against which other teacher preparation programs are measured. As a result of the college's introduction of postbac education, the grade point average for entering licensure students has risen to 3.25, their average age is now 30, and graduates score higher on professional skills tests than do graduates of other Minnesota teacher preparation institutions. Surveys show that they consistently receive very high marks from their employers.

What these statistics can't capture is the commitment and compassion that characterize this new breed of teacher leaders. "Elementary education is so much more than reading and writing," Thomas says. "It's teaching children how to relate to other people, how to become productive, responsible, caring members of society. School is the first social structure outside the family that children experience. It's the first opportunity they have to encounter new people and try out different relationships. It's where their attitudes about gender, race, and culture



Marty Thomas

begin to crystallize. If you can reach them when they're young, you can influence the way the next generation works and lives together. You can teach tolerance and self-confidence and optimism. You can reach trust. After my career in counseling troubled adults, I'm convinced young children are the only key to long-range progress in our society."

Robert Bruininks, dean of the College of Education, shares with Thomas the belief that education and human development are inextricably linked—and this link underlies the broad mission of the college. "Across the lifespan, learning never stops, and never stops

shaping our perceptions of the world," says Bruininks. "Education isn't limited to school classrooms; it takes place every day in homes, businesses, and communities. Reforming teacher education is only one way the college is changing to meet the educational demands of the next century—and with graduates like Marty Thomas, we have a lot of hope."

By Faith McGown

**L**ike many students at the University of Minnesota, I put off thinking about my foreign language requirement until my junior year. I wasn't thrilled at the prospect of spending hours learning a language I would never use, reading literature I didn't fully understand, and speaking words I couldn't pronounce correctly in front of a room full of strangers.

About the same time I conceded that fulfilling this requirement was not optional, I learned that sign language was accepted by the College of Liberal Arts as a foreign language. While I knew no sign language, it wasn't totally foreign to me: I had seen interpreters using it in my high school and college classes, and watching people sign was fascinating to me. I attempted unsuccessfully to register for the course in each of my next three quarters, but the classes were filled—the University hadn't anticipated how popular the course would be. When I got to be a senior, I was able to register earlier and got into a class.

From day one, it was obvious that this was not a typical University class. The students were from a wide variety of backgrounds, and their ages ranged from 17 to 50-something. Most of them were taking the class to fulfill their language requirement, but they really wanted to be in this class.

When Amy Hile walked in, we were silent, waiting for direction. Although I expected the class to be taught without voice, I thought that the instructor would tell us the rules first. Instead, Hile held up the syllabus and then passed it out. We read it, and through gestures and pointing out places and words on the syllabus, she told us there would be no book report due in this class although it was listed as an assignment on the syllabus. She then introduced herself by finger spelling her name, reinforcing the letters by writing them on the blackboard. Then Hile

**Amy Hile**

worked with us individually to teach us how to finger spell our names. Thus we were introduced to the American Sign Language (ASL) alphabet.

"We kept trying to figure out whether Amy was really deaf or just acting deaf because we weren't supposed to use our voices," says University senior Christine Rue. "I don't think any of us really expected to have a deaf teacher."

It wasn't until the second or third class that we were sure Hile was deaf. She didn't tell us until she introduced us to the signs for "hearing" and "deaf." They are two of the most frequently used signs in ASL: Signers often ask one another whether they're deaf or hearing when they find that they can communicate through the language.

The first classes are like culture shock, Hile says. "We wonder are we different, or the same? I wonder whether the students are going to give me a hard time or not, but it's not at all what I

thought. It's really given me a new image of hearing people."

The University has formally recognized ASL as an official language and has allowed students to use it to fulfill the foreign language requirement for the past three years. While some of the ASL teachers are able to speak and hear, others cannot. Many consider the acceptance of ASL by the University and other institutions as the official language of deaf people a major triumph for deaf people. It's "a real positive response from the University," says Hile, who has been an ASL teacher at the University for nearly two years. "It's nice to be recognized."

Hile was born deaf—a recessive gene was passed to her by her parents, who are also deaf—but she says she's never felt disadvantaged, an attitude she attributes to her family. Heredity accounts for 8 to 12 percent of deafness. Meningitis and pregnancy complications each account for between 5 and 9 percent, maternal rubella for approximately 5 percent. The



case is unknown for a majority of cases.

Growing up in Minneapolis, Hile was in "mainstream" classes until fifth grade, when she transferred to the Faribault School for the Deaf in Faribault, Minnesota. She went to high school in Washington, D.C., and did her undergraduate work at Gallaudet University there. As she made plans to come to Minnesota to earn a master's degree in teaching, she learned that the ASL program was looking for a teacher. She applied, interviewed, and got the job.

In addition to being a teacher and a student, Hile is involved with the Thompson Hall Deaf Club in St. Paul, where she works as a bartender and plays on a volleyball team. She's also active in the Big Brothers and Big Sisters program and has a deaf "little sister."

The University doesn't present any special challenges to deaf people, says Hile. "The only thing that I have to really watch out for is bikes and buses. Many people in this building [Wulling Hall] are familiar with deaf people and know what to expect. If I go to a restaurant or someplace in Dinkytown, it's nice if there's somebody working who knows sign language. If you don't know sign, but you know what to expect when I have to write back and forth, that's nice."

As a teacher, Hile is open, enthusiastic, quick to smile and eager to share her experiences as a deaf person with her students. She will stand on a chair or a desk to help students see her hands clearly.

"Hile is my favorite ASL teacher because she's really open about deaf culture," says Rue. "She makes learning a lot of fun."

During Hile's first year of teaching, she was "just out of Gallaudet University, and I still had my college-student attitude within me—like I was a college student myself," she explains. "A lot of [other University] classes are just lectures, so learning ASL or a language is more interesting, a change of pace. My teaching involves a lot of one on one with students. I give my full attention to each student."

Teaching hearing students was scary at first, Hile says. "I remember my first day in class. I was so nervous. I grew up really involved in the deaf communi-

ty—a deaf family and everything—so to teach hearing students was really different. The first time, I was able to break the ice by joking with them and then after that I liked it. I feel a lot more comfortable now, and I know what to expect from them.

"My teaching philosophy is to introduce hearing students to deaf culture. To give them a better understanding, better attitude, a better view of our culture. I want to let them feel more comfortable with deaf people."

In return, "I learn a lot about hearing culture, like they have their own slang that I am not familiar with, and also we learn from each other," she says. She also learns more about spoken English, which differs from the written language.

Deaf culture is based on the idea that

ple, a situation that many deaf people, including Hile, would like to see changed. Hearing people have made too many decisions for deaf people in the past, they say, when deaf people are perfectly capable of making their own decisions. A new law, which takes effect in 1995, requires that all teachers of deaf children be fluent in ASL before they get their teaching license. Other recent advances for deaf people cited by Hile include the Americans with Disabilities Act, which she believes will help reduce job discrimination against deaf people and will make more interpreters available for educational, social, and business purposes.

"ASL is now being recognized as deaf people's own language. There's a deaf president at Gallaudet University who's an excellent role model and can influence the rest of the world," she says. "Also, more hearing people know about deaf people—their culture and their needs."

On a personal level, Hile says that she is frustrated with hearing people who think deaf people can talk. "I'd prefer to sign or write, but they want me to talk. They think all deaf people can talk a little bit and don't realize that deaf people come from different backgrounds," she explains. "I applaud that some

deaf people can talk. That's good, but it doesn't mean everyone can talk."

In fact, most deaf people cannot speak. Hearing people learn to speak mainly by imitating the sounds they hear. Deaf people do not hear those sounds or hear them differently. Most deaf people today accept ASL as the most appropriate language for deaf people, although this was not always the case: During the 1960s, educators punished children who used signs by making them sit on their hands during class.

After years of struggle and protests, the language of deaf people is finally recognized. Most schools for the deaf today operate mainly through sign, but may offer oral instruction and lip-reading as a supplement.

Hile is pleased with the increasing recognition of the rights of deaf people, although she notes that there is still more to be done. "I wish that people would look at deaf people as a culture," she says. "They would understand us better."



deafness is simply a difference or a characteristic rather than an abnormality. Because of this characteristic, deaf people use different communication systems than hearing people and thus have developed a different system of interpreting the world. Deaf people often make a distinction between community and culture: Community is something a person can be a part of; culture is something that is generally a part of a person.

Many deaf people think of themselves as part of a minority group who have been discriminated against in education and employment, pay higher auto insurance premiums, are often denied equal services because of barriers to communication, and have been denied the opportunity to serve on juries and in the armed forces. Like other minority groups, deaf people contend that they have been stereotyped—as dumb, as unfit parents, and as unable to take care of themselves.

About 90 percent of the teachers who now teach deaf children are hearing peo-

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UNIVERSITY  
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**N**ever before have so many maps gone out of date in so short a time. Have the world's boundaries and leaders changed so dramatically. Has technology allowed us to share so much,

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## Vitae for Change

### WHO

The citizens of Minnesota and the United States, along with . . .

■ Harry Boyte, codirector of the Center for Democracy and Citizenship, codirector of Project Public Life, Humphrey Institute of Public Affairs senior fellow, adjunct professor in political science and American studies.

■ Peg Michels, codirector of Project Public Life.

■ Professor Edwin Fogelman, codirector of the Center for Democracy and Citizenship and chair of the political science department.

■ James Farr, professor of political science, faculty and course developer for the University's new Citizenship and Public Ethics requirements.

### WHAT

The Center for Democracy and Citizenship was founded just this year with four primary goals: to generate national discussion on citizenship, to sponsor research and informational seminars, to do faculty and course development for the University's new Citizenship and Public Ethics requirements, and to expand the reach of the program it grew out of, Project Public Life.

Conceived in 1989, Project Public Life is best seen as a grassroots experimental project. "Our idea is to teach the art of politicking to ordinary people who commonly feel like they are in the other room when real decisions are made," says Harry Boyte. "By showing students and teachers how to combine classroom work with public action, we're also working to strengthen public education. Peo-

ple become more effective citizens and are empowered to take greater control of their lives."

### WHY

"Two concerns shaped Project Public Life and now the center," says Boyte. "First, the project grew out of the sense that American democracy is in a mess. While government is clearly part of the problem, citizens bear part of the responsibility, and problems exist in nongovernmental arenas as well. A huge disconnection has developed between citizens and their government. People often see themselves as outsiders, as innocents, and as clients looking to government and professional systems in general to provide services. People aren't challenged to think broadly and make a contribution to their society, either. When they do become active, it doesn't take the form of citizenship, which is actually public contribution to problem solving. Their activity instead becomes advocacy of their own, often very narrowly defined, concerns.

"The second concern was the mounting series of problems we face—in the environment, health care, crime, and race. These problems aren't being solved, and they won't be solved as long as people expect government and experts to solve them."

### HOW

The Center for Democracy and Citizenship/Project Public Life is launching a multiyear campaign to generate discussion on citizenship—and action. Says Peg Michels, "We want to continue to foster national debate on the role of citizens in government, to create a national network of institutions such as churches, schools, and university extension depart-

ments that will work with the center, and to promote the creation of a federal office to link government work with serious citizen initiatives."

### WHERE

■ At the University's Humphrey Institute of Public Affairs. How-to classes in participatory democracy for Minnesota's elementary, junior, and senior high school students. Conferences that will connect the University to democracy initiatives not just in Minnesota but around the world.

■ In public and private schools, health care institutions, churches, clubs, 4-H, and other organizations throughout the state.

■ In Russia, with a coalition of human rights groups, new democratic political parties, grassroots organizations, and others who are working to create a center for citizenship education.

### RESULTS

■ More than 500 teen students have been involved. Dozens of teams are working throughout the Twin Cities on issues ranging from violence and drug use to school athletics to recycling.

■ In Chatfield, Minnesota, a diverse group of people, including teens, are working together to prevent teen suicide.

■ Students at St. Bernard's School in St. Paul successfully lobbied their PTA for permission to run a school carnival.

■ At the institutional level, the center's largest partnership—with the University's Minnesota Extension Service—gives programs an instant network through which they have access to communities across the state. Nearly 60 projects are already under way.

■ At a Minneapolis nursing home, administrators, staff, patients, and students are working to create an environment in which decisions will be made in a truly democratic manner.

# After a Revolution

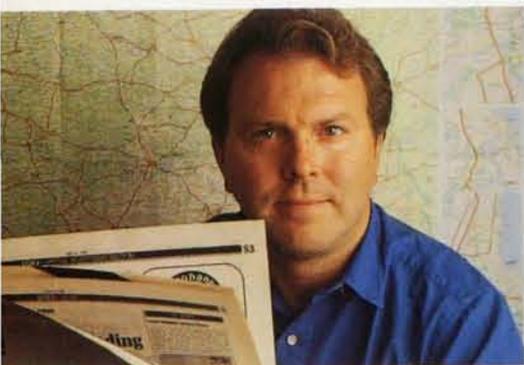
**B**egun in 1991, the Poland Management and Economics Training Project is funded through AID (the U.S. Agency for International Development) as part of the SEED Act (Support for Eastern European Democracy). The University's grant targeted Poland for assistance. Our strategy is to respond to immediate needs in Poland by providing applied management and technical training through seminars and workshops while at the same time addressing the longer term need for restructuring the educational system to ensure that future students will have the skills to work within a market economy.

*Randal J. Zimmermann, '81*  
Project administrator

I spoke at length in Warsaw with economist Jerzy Kropiwnicki, now minister of labor and social policy. I broke the ice by wondering aloud what Americans have to offer Poles, noting that, after all, the Poles are a sophisticated and highly educated people. Kropiwnicki observed with some bitterness that I was his first American visitor to raise that point.

Obviously we have some knowledge about market economics and of governments in market societies, but we would do well to remember that many in our [Polish] audiences are at least as intellectually sophisticated as their [American] visitors.

*John Brandl*  
Professor, Humphrey Institute of Public Affairs, Project faculty participant



Randal Zimmermann;  
right, a trolley in Warsaw, Poland

The project has established two centers for excellence, one at the Warsaw School of Economics, the largest business and economics school in central Europe, and the other in Olsztyn.

More than 30 University professors have gone to Poland, and we have in turn received 30 Polish professors. Next year, we will begin work on developing an M.B.A. curriculum for a new M.B.A. program at WSE. Through the project, we also work at the University of Agriculture and Technology in Olsztyn and at schools in other parts of central and eastern Poland.

*Zbigniew Bochniarz*  
Senior Fellow, Humphrey Institute  
Project director

Personal relationships are important to the Poles; they didn't fall in love with us just because we're Americans. During the first year, the project moved somewhat slowly while they got to know the

participating professors and the University of Minnesota. After that, things changed quite a lot and their enthusiasm has skyrocketed.

*Randal Zimmermann*

The American device of checks and balances, that is, granting no one individual or office ultimate governmental authority, is sometimes as puzzling to people accustomed to centralized governmental power as is the market in a society where so many goods and services were allocated by fiat.

*John Brandl*

University professors usually spend about two weeks at a time in Poland. They teach classes jointly with Polish professors, work on case studies, give public lectures, meet with policy makers, conduct curriculum development workshops and seminars with Polish faculty, and offer intensive summer school courses. Our goal is to train Polish

teachers so they can in turn teach these new concepts to their students. Next year, we plan to do less teaching and more advising and supervising.

*Zbigniew Bochniarz*

Andrzej Kozakiewicz, the young, shrewd, no-nonsense economic adviser to the president, put to me the administrative problem most vexing to him these days: how to manage government properties—buildings, for example, which are not owned by any persons or government units. He wonders how to prevent sweetheart sales of these assets and how to encourage their appropriate use.

*John Brandl*

This project offers wonderful opportunities and rewards: a chance to participate in historical change, to influence policy makers, and to help reform major national institutions. We will also have an impact on businesses and those who run them. Our professors gain experi-

ence and materials for research, along with invaluable international experience—all of which they will include in their courses here at the University.

*Zbigniew Bochniarz*

Senator Andrzej Celinski is a brilliant intellectual, a sociologist, sometime academic, and a stubbornly independent politician. For many reasons, he has a special responsibility to help design the institutions of government that will replace the communist system. I told him this, and he demurred, saying that he believes it impolite, arrogant, perhaps even immoral to purport to design a society. I told him there was no choice; for good or ill, the institutions of the society will be shaped, and he and a handful of others were capable of doing so. I sent him a copy of *The Federalist Papers*, since I believe his is the role Madison played in the founding of our republic.

It could be that the Poles are showing the world a way quite different from any



St. Mary's Church, Krakow Poland

that has ever been seen before to build a new society, and we have not caught on to it.

*John Brandl*



ZIMMERMAN PHOTOGRAPHED BY LARRY ROEPKE

WARSAW PHOTOGRAPH BY ALAIN LE GARSMEUR; ST. MARY'S BY ZIGY KALUZNY/TONY STONE WORLDWIDE



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UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION  
MAKING THE UNIVERSITY OF MINNESOTA CONNECTION



# REPORT

Highlights of the people, programs, benefits, and services of the University of Minnesota Alumni Association

## National President

When I sat down at my fancy new computer to write my first column as national president of the University of Minnesota Alumni Association (UMAA), I became acutely aware that my greatest fear had been realized—I who am never at a loss for words had nothing to say. What on earth could I write that would interest thousands of alumni I had never met?

I concluded that if I am going to act as a catalyst for thought in future columns, it is important that I give you a reason to listen to me and that the best place to start is to tell you a little bit about myself: how I ended up at the University of Minnesota as an undergraduate and law student and how that experience led me to volunteer my time to the UMAA ten years after graduation.

I always knew that I was going to attend the University. When I was growing up in the Twin Cities, there simply was no other school to attend. In fact, I remember that when I was a seventh grader at camp the girls in my cabin talked about going to college at one of the "Seven Sister" schools. I had absolutely no idea what they were talking about. I was going to the University of Minnesota, and that was it. To be honest, at the time I didn't know there were other schools—private or public, sister or not—to attend.

By high school, I had not only learned about other schools, I really wanted to go to them. The idea of living away from home and being part of a finite group of people who were all committed to quality education was what I wanted.

In contrast, the University was that big amorphous school across the river, a place to drive to and from, a place that was too large to ever feel a part of. But

the University of Minnesota was where I was going to go. The other schools were not an option—my parents could not afford the tuition, and they earned too much for me to qualify for a scholarship.

Consciously or unconsciously, I embarked on a program of making the University be the school I thought it could not be. I went to freshman camp and spent the weekend with a small group of students I had never met. That first encounter with the University gave me that intimate group of people I was looking for—and a lasting University of Minnesota connection. In fact, I still maintain my friendship with several of the students I met that weekend, including Steve Goldstein, past president of the alumni association, who asked me to join the UMAA's board seventeen years later.

I took full advantage of the vast and varied resources the University offers. As an honors student in the College of Liberal Arts, I had access to small classes with some of the very best professors, and I attended various cultural events around the Twin Cities with other honors students. I became a student senator and representative, which gave me a vehicle for expressing my views on the direction of the University. I traveled to the Bahamas on a student tour; I obtained my water safety instructor certificate; I took modern dance; I worked as a research associate and a teaching assistant for the Department of Sociology. I even learned how to build sets in a theater course. (I actually believed I could build a house by the time I finished that course.) There is no question that by the time I graduated in 1973, I had truly made the big universi-

ty seem small—I had made it *my school*, without ever living in a dorm or belonging to a sorority, clearly the more traditional paths for making a close connection with the University.

Choosing a law school was a much different decision for me. I wanted to attend the University Law School because I knew it would provide a quality education. And given its size (about 250 students in a class, 60 students in a section), I also knew I would easily find that sense of community I was seeking to make the connection to the University. My expectations were met. When I graduated in 1976 I had achieved what I had always wanted—a quality education and the feeling of being connected to and part of the University. It was *my University*.

With these feelings for the University, it is no wonder that I chose to volunteer my time to the UMAA. I am here because this association has truly become a service group of substance—a group of individuals who believe that they can make a difference in the education our students receive. I am here because I believe that education is not only what you learn in the classroom. Just as important, it is about making connections and feeling a sense of community with your fellow students. Big must be made small.

I am back on the campus because I believe that the University cannot do it alone. It takes people like you and me—people in the private and public sectors, in partnership with the University—to help educate students and to make the connection both inside and outside the classroom. I hope you will join me in the coming year to make the student experience the very best it can be.



Janie Mayeron

# Speak Out

Why did you join the University of Minnesota Alumni Association?  
How has it connected you to the University?



## Linda Mona

*UMAA treasurer 1993-94*  
*B.S. '67, home economics education*  
*Owner, Creative Environments*  
*Co-owner, Field of Dreams*

I joined because I was asked to be on the College of Education Alumni Society board—and therefore had to join the University of Minnesota Alumni Association (UMAA). But the person who asked me knew that my interest in the University was already there, and I hadn't been out of school very long at the time. I later jumped ship from the education society to become president of the College of Human Ecology Alumni Society.

My involvement with the UMAA has kept me in touch with the two colleges from which I graduated and has taken me a step further—when I joined the national board as a constituent society representative—to an all-University point of view. It has given me an opportunity to grow as an individual and as a leader and to learn more about working with people.

## Bruce Thorpe

*UMAA secretary 1993-94*  
*B.A. '84, political science*  
*Project manager, John Ryan Company*

As a freshman in 1980, I was involved in the creation of an experimental student/alumni organization that built awareness of the importance of student and alumni support to the mission of the University. As a



**Bruce Thorpe**

junior, I could no longer pass up the opportunity to become a life member of the UMAA and the College of Liberal Arts Alumni Society.

For me, it was connectedness to the "U" that led me to the alumni association, not the other way around. The association is an effective conduit for making a contribution to the University. The UMAA Alumni Legislative Network, for example, provides me with specific, timely information on University issues, making my contacts with legislators more productive. The UMAA needs to provide even more tangible ways for alumni to serve students, our colleges and programs, and the University.



## Larry Laukka

*UMAA first vice president 1993-94*  
*B.A. '58, economics*  
*President, Laukka Development Company*

I joined the UMAA because I was asked to participate after I wrote a letter to the UMAA president, then Fred Friswold, saying that I thought the University was getting kicked around by the local press and all those who cared

should help [the University]. Once I was involved, I became mindful of how woefully low alumni participation in the association is, and ultimately I chaired the Membership Committee. Because I'm in the building and development business and often do volunteer work in this area for churches and other groups, I became involved in the attempt to build an alumni facility on campus, and now I'm chair of the Gateway Committee.

Being involved in the alumni association makes a hard and fast connection with the University. If you are an active member, you become caught up in the complexities of the University. Involvement breeds involvement.



## Ezell Jones

*UMAA second vice president 1993-94*  
*College of Liberal Arts,*  
*math and psychology*  
*President and CEO,*  
*Premier Risk Tech Services*

I got involved because I care about the University. I care about its direction, and I care enough to know that it is the sum of individuals who share their time and resources and participation. In me, the University and the alumni association get an African American athlete, a businessman, and someone who cares about parity and equity and a pluralistic society. The University has been one of those pebbles on my shore line that has made a difference in my life. I've gained friends, experiences and challenges.

## Introducing: New UMAA National Board Members



### AT-LARGE REPRESENTATIVE

#### Roxann Goertz

St. Paul  
B.S. '77, journalism and design  
University College  
Senior VP/management  
supervisor, CME-KHBB  
advertising  
Minnesota Council for  
Economic Education  
board member



#### Keith Krueger

Washington, D.C.  
M.A.P.A. '81  
Hubert H. Humphrey  
Institute of Public Affairs  
President, Non-Profit  
Management Associates  
Humphrey Institute Out-  
standing Alumnus 1992



### COLLEGIATE SOCIETY REPRESENTATIVES

#### Patrick Duncanson

**College of Agriculture**  
Mapleton, Minnesota  
B.S. '83, agricultural business  
Grain and livestock farmer  
Blue Earth County Feedlot  
Task Force member  
Heather Curling Club board  
member



#### Mark Bregmann

**College of Liberal Arts/  
University College**  
Bloomington, Minnesota  
B.A. '78, economics and  
history  
Senior forecaster, home  
and building control,  
Honeywell



### GEOGRAPHICAL REPRESENTATIVES

#### Joe Gibilisco

Rochester, Minnesota  
D.D.S. '48, M.S.'51  
School of Dentistry,  
Graduate School  
Dentist and professor emeritus,  
Mayo Medical School  
Past president, Rochester  
Area University of Minnesota  
Alumni and Friends  
Member of Minnesota Dental  
Association state committees



#### Audrey Kuempel McGregor

Deephaven, Minnesota, and  
Sun City West, Arizona  
College of Liberal Arts  
Former owner and president,  
Kuempel Chime Clock Works  
Board member, Women's  
Christian Association Clara  
Doerr-Lindley  
Hall in Minneapolis  
Current chair of UMAA  
Sun Cities Chapter



#### Kristine Bettin

**College of Biological Sciences**  
Coon Rapids, Minnesota  
B.S. '73, biology  
Research assistant in the  
Geriatric Research,  
Education, and Clinical  
Center at the VA Medical  
Center



#### John O'Leary

**Medical School**  
Minneapolis  
M.D. '77  
General surgeon,  
Abbott-Northwestern  
Hospital

New representatives of  
Allied Health, the College of  
Natural Resources, and the  
College of Architecture and  
Landscape Architecture were  
not appointed in time for  
publication.

One of the most rewarding ways in which UMAA members help ensure the tradition of excellence in education at the University of Minnesota is by helping students who hope to enter their professional fields. There's no better source of information than a veterinarian for a veterinary medicine student, no better advice for a mechanical engineering student than what a mechanical engineer can offer.

The UMAA renewed its commitment to undergraduate education when it created a new position and hired Jayné Caldwell as mentoring program director earlier this year. In addition to serving as a resource person for the UMAA program directors and the volunteer mentoring program coordinators in the collegiate alumni societies, Caldwell is working with various offices to explore setting up campuswide mentoring programs. Meanwhile, alumni volunteers and students are getting together throughout the Twin Cities. Some examples:

**Biological Sciences:  
From the Ground Up**

Burnsville, Minnesota, attorney Paul Swenson, B.S. '73, got involved in mentoring as a member of the College of Biological Sciences Alumni Society board. Many of the board members are mentors, Swenson says, and they're hoping to expand the mentoring program each year. One of the board's goals is to help students in whatever way they can, and if you were to quiz each volunteer mentor, Swenson says, you would probably find that each works with students in a slightly different way.

When he signed up to be a mentor, it was more as a professional person who knows how the world of business works than specifically as a biological sciences practitioner (his University of Minnesota degree is in zoology, but his career led him into law), so he concentrated on job search skills and on the opportunities that are open to a person with a background in science.

At the time junior Jessica Lindblom of Richfield, Minnesota, was paired with Swenson, she was considering marine biology (as you might suspect, marine biologists aren't all that common in Min-

## Tradition, Professionalism, Friendship: Pass It On



Jessica Lindblom and Paul Swenson

nesota, so no direct match was possible). She has since then changed her major from biology to math—but she's also considering veterinary medicine—and she has already found a mentor in her new field.

**Veterinary Medicine:**

**Taking Students Seriously**

Kevin Barcus, B.S. '84, D.V.M. '86, and Bruce Schnabel, B.S. '80 (UMD), D.V.M. '86, run the Mounds View Animal Hospital. Barcus heads the College of Veterinary Medicine mentoring program—his assignment as a member of the college alumni society's board. It's one of the more interesting board jobs, he says, because of the contact with students.

At the animal hospital, students see "everything from the unusual to the mundane," Barcus says. On campus, they're likely to do some routine work, but not as much as in a typical veterinary practice, because the University is a referral center for difficult and unusual cases.

Schnabel was the student representative to the alumni society when the mentoring program started and worked with alumni mentors himself, visiting clinics in New Hope and Arden Hills. Both Schnabel and Barcus have been mentors, which generally means "letting the students tag along with us through the work day," says Schnabel. "It's not a big time commitment for me—it's more of a problem for students to make time to come

*continued on page 57*

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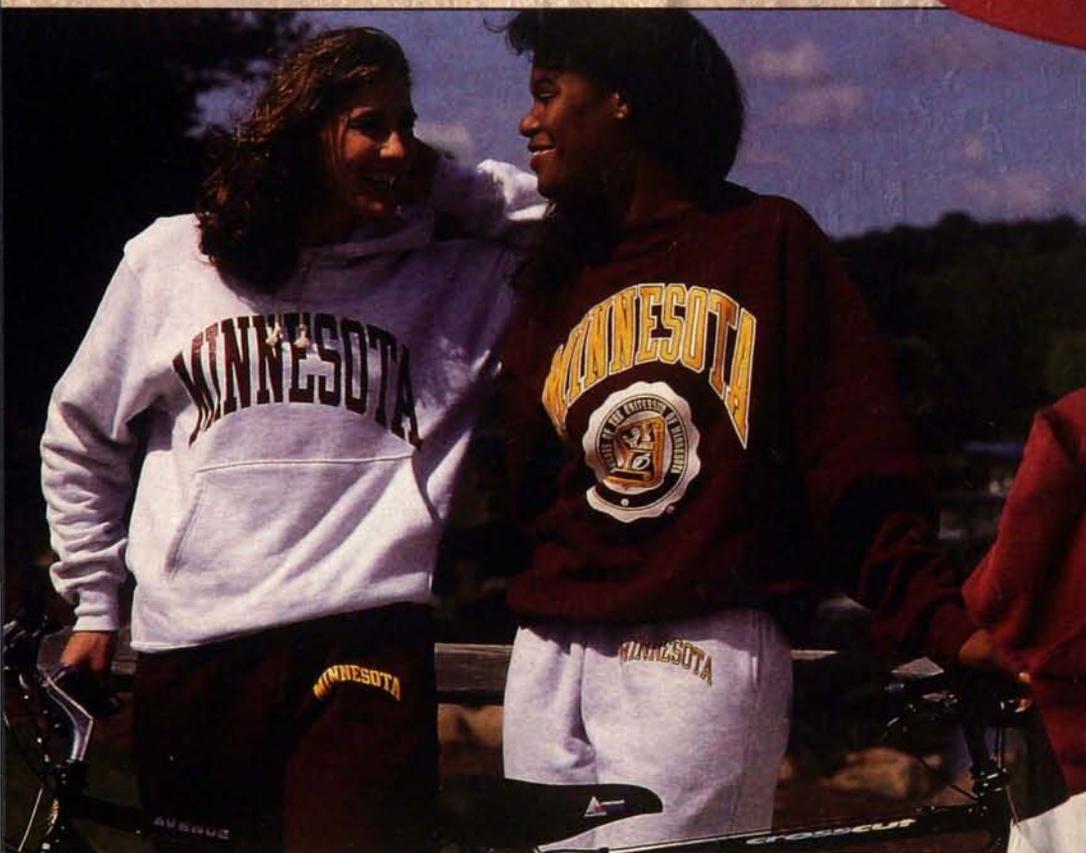
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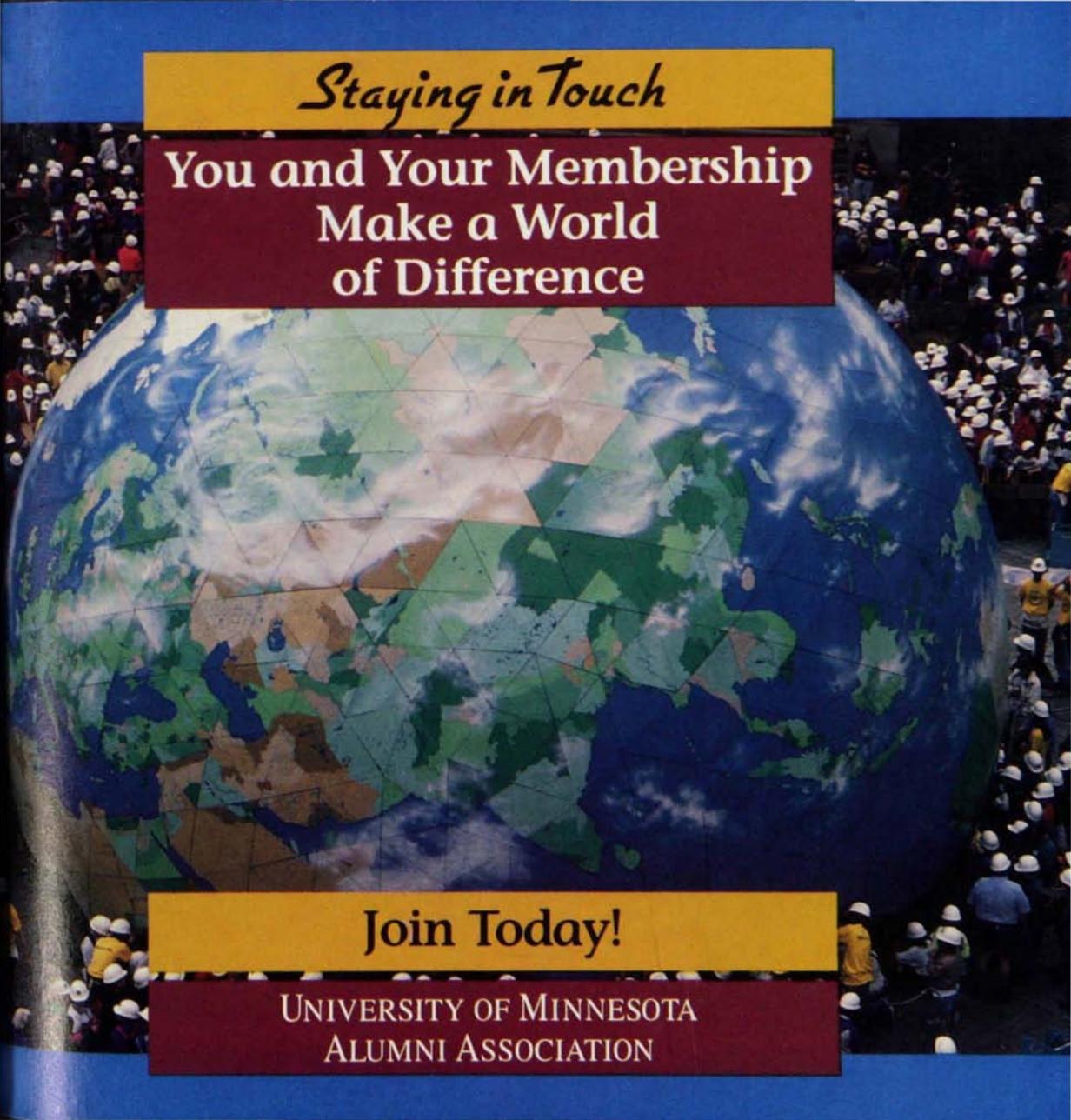
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ALUMNI ASSOCIATION**

THE UNIVERSITY OF MINNESOTA experience is unique for each graduate. It is the combination of these individual alumni perspectives and voices that make up the strength of the University of Minnesota Alumni Association (UMAA). Together we stand as keepers of University history, spirit, and tradition. We play the role of advocate and advisor, working

to create a better, stronger University.

On the following pages you will meet UMAA members who have made a difference in the world or who have allowed the University and the Alumni Association to make a difference in theirs.

Please join us—staying in touch can make a difference!

## Staying in Touch

# To Create a Better, Stronger University

### ON THE COVER

Building a New World Institute of Technology, University of Minnesota, May 4, 1993

- 185 schools enrolled in the project, including 2 foreign schools
- 11,536 students participated in the classroom; 8,305 students planned to help with construction
- Students mapped and painted 1,620 triangular 3' panels that made up the surface of the 42' diameter world at a scale of 1:1,000,000 ( $10^{-6}$ )
- 250+ IT alumni/mentors and IT undergraduate volunteers assisted the students with panel completion
- The globe weights 3 tons and reaches a height of 50'



### Bryan Beaulieu

'72 ME, Institute of Technology

When Bryan Beaulieu, founder and president of Skyline Displays, accepted a request to chair the planning committee for IT Week 1993, he could not have foreseen the outcome. As chair, his primary goal was "to get as many alumni involved as possible and get them back to campus," he explained. Add to that a secondary goal of exposing young people to engineering and technology suggested by IT Alumni Society president Bill Kamp ('71, Mathematics). The solution was "Building a New World", and the rest, as they say, is history.

"Our goal initially was to get 10,000 kids at the University. After we saw how successful it was, we thought we would expand that goal to reach up to 10,000,000 kids in the next five years with a similar experience." The key, according to Beaulieu, is to work through universities and their alumni, and the "only requirement is that it [the globe] be built entirely by children."

The globe built in Northrop Plaza on May 4 (cover photo) has been reassembled and put on display at a Lion's Club convention in Minneapolis with the hope that some of the Lions will take the idea back to their home countries. It will make an appearance at the Minnesota State Fair, Concordia College language camp, even at the Mall of America in conjunction with other environmental awareness events. And that's only the beginning of the New World's "world tour."

As a final note, Beaulieu says this project was only a small part of a much larger program they are planning. Stay tuned.

**Michael Sorensen**  
'84 BMATH, '89 MBA

After leaving school, "I was interested in staying in touch with everything going on there. The career advisory committee was a good way to do it, serving 'our customer' so to speak. There are so many ways to serve. You can do one event, you can serve an entire year. You can take on as much or as little as your time allows."

### *Staying in Touch*

**Helps You and  
Others to Grow.  
Join Today!**

**Rosalynd Pflaum**  
'45 CLA, '54 MA

Pflaum wrote her Bachelor's and Master's theses in the field of French literature and continues to pursue her lifelong interest in French culture by writing biographies of famous French figures. She does much of her research in France's Bibliotheque National and in the private homes of influential French families, but credits the University of Minnesota libraries with crucial research assistance. "Right here in the stacks I come back from Paris and I'd find the books that I wanted," she said. "Material has not been given as freely in France to libraries and to archives as in this country."

**Stephen Kozolick**  
'85, Agricultural Economics

As sales representative for a company that markets crop protection products, Kozolick's involvement with the alumni association is twofold: he stays in touch with friends at the U and, on a professional level, has contact with young people in the industry. He participated in the Agriculture Society's pilot mentor program this past year and was able to offer a summer intern position to a student. As a result, his company gets great summer help and the student gets even more exposure to industry and business.

---

*"I graduated with a B.A. in 1941. Within months I was in the Army like a lot of other grads. I spent 3 1/2 years as a prisoner of war in the Orient. You may find it interesting that I helped to organize an alumni association of sorts at Cabanatuan Prison Camp in the Philippines. We gathered once a month when possible for meetings which began with the singing of the Minnesota Rouser and the Minnesota "Hymn" after which we would share old memories of professors, friends we had known, school activities. On the rare occasions when we had received Red Cross food packets, we'd have a party. I'm sure that all of this helped us in a small way to survive."*

**Ernest Norquist, '41 BA, College of Liberal Arts** (excerpted from his letter to UMAA, February, 1993)

NOTE: Retired from his years as a Presbyterian minister, Nyquist is now a member of the University of Minnesota Alumni Association and would be interested in starting a Milwaukee chapter.

---

*"Whenever I can I like to say good things about the University, no matter who I'm talking with. After all, you never know who's listening."*



**Walter "Bud" Fetterley**  
'93 Bachelor of Science in Nursing

Fetterley wrote a \$30 membership check to UMAA right after he graduated (with honors) last May. He had been serving on the School of Nursing Alumni Society board as student representative and plans on staying connected. His main interest is in helping develop the new nursing job bank. According to Fetterley, the average age of graduates is 28. In addition to their new degree, they bring a wealth of experience and background to a new job, but this isn't always understood by or communicated to future employers. Fetterley plans on helping to change that.

## Patrick Redmond

'73 BS, University College; '90 MA,  
College of Human Ecology

Designer Redmond has a long-standing, multi-faceted relationship with the U. In addition to the two degrees he already holds, he plans to pursue a PhD in the near future. He teaches in the extension program, has been a mentor in graphic arts, and is currently the mentor program coordinator for the College of Human Ecology Alumni Society. One of the key reasons for his involvement is the sense of community and continuity that results from serving on boards and being connected.

The University libraries continue to be very important for Patrick. "I use them for references for personal interests, such as writing, poetry, and for business or professional concerns." He has even found reference books that explain how to prepare for pursuing a PhD that will integrate all of his interests.



## Bruce Schnabel

'80 BS, '86 DVM

## Kevin Barcus

'84 BS, '86 DVM

Bruce Schnabel worked with alumni mentors when he was a student and now, with his partner Kevin Barcus, wants to give others the same opportunity. "It's a way," he says, "for veterinary students to spend some time in a small animal clinic, to see the practical side of things." And he enjoys hearing the latest things about procedures and treatments being tried at the University. Everyone learns.

*Mentoring programs bring together students and professional members of the community in a valuable exchange of advice and ideas. A benefit to both, the mentoring experience fosters a renewed commitment to the University of Minnesota by the professionals and strengthens the career choice of the student.*

— News Briefs, College of Human Ecology

Institute of Technology graduates have been instrumental in the start-up of more than 550 companies worldwide — creating 130,000 jobs and net sales of approximately \$15 billion annually. Two-thirds of the companies are headquartered in Minnesota, with \$10.3 billion in sales and over 85,000 employees.

## Jocelyn Martin Hurd

'53 College of Liberal Arts

As president of the Austin, Texas, alumni chapter Hurd is trying hard to get the new group up and running. She and her husband Richard ('56 PhD) are avid fans and want eventually to go into the high schools and promote the University of Minnesota there. "We feel that once you have been given a good education by an institution you should help other people do the same." She says, "It's a very well thought of University and I think if you're proud of it you should show it. I have University stickers all over my car and I wear a lot of maroon and gold." Hurd says she even flies a Minnesota flag from her balcony.

*"We have the biggest, best institution sitting right here. Why go anywhere else?"*



**Julie Johnson**  
*'81 BS, College of Pharmacy*  
As owner of a pharmacy and as a volunteer mentor, Julie Johnson enjoys the opportunity to help students explore different paths, not only in their education but in their pharmacy careers. "School does an excellent job educating students but it can't give them that real-life, hands-on experience. And students are so hungry for that." Through the mentor program, "students can try out different areas and find out exactly what is out there." These experiences help them make curriculum choices and a decision between the pharmacy bachelor's degree and the doctor of pharmacy degree. "There's nothing like working with a young student who's looking forward to a professional life. It does as much for the mentor as it does for the student," she says. Johnson is the current president of the College of Pharmacy Alumni Society.

### **Ted Tulashie**

*'88 BS, College of Human Ecology*

Ted Tulashie has been active in UMAA since graduation. "I knew I always wanted to be involved in the alumni association because I saw an opportunity for minority representation." In addition to serving as a national board representative and on the finance board of the College of Human Ecology Alumni Society, Tulashie participates in career fairs and panel discussions regarding job searches. "It is rewarding for me to see kids excited about graduating and going on a job search." He uses other membership perks such as library privileges, discount tickets to athletic events, and attends homecoming events to see other alumni.



The University of Minnesota School of Pharmacy is ranked 3rd in the nation.

— *U.S. News & World Report*,  
March 2, 1993

### **Frederick Royal**

*'79 BAS, General College*

When Frederick Royal received a letter a year ago inviting him to an organizational meeting, he was "absolutely elated" to have a chance to be part of the local alumni association. He is now serving on the steering committee to help renew the St. Louis chapter. There are over 1,000 University graduates in the St. Louis area and he has already found four of them in the building where he works. Watch out St. Louis!

Royal's daughter won the Morton Academic Scholarship for Minorities and will be attending the University starting in Fall, 1993. He has assured her that "when you graduate from the University of Minnesota you will be prepared for life."

**Stay connected—there's a little bit of the U where you live!**

*Through its geographic outreach program, the UMAA helps connect the University to alumni in 21 Minnesota areas and 23 cities throughout the rest of the United States. Activities vary from group to group, but may include guest speakers, family picnics, golf tournaments, barn dances, luncheons, and sporting events — including gathering around a local TV to watch the Gophers!*

*Join the UMAA and your local chapter and get back in touch with the University world!*



**Mary Flinn**

'46 BS, *College of Human Ecology*

Mary Flinn and her husband Jim ('48 MD) are both active in the alumni association and are committed to student recruitment. Mary explains, they believe "professional people are very important for the survival of the small towns. As doctors and dentists retire, young people are needed to replace them." Through the alumni association they make arrangements for a speaker and students from the University to meet with area high school students and talk about the University, housing, loans, and, in some cases, about overcoming fears of the University's size.

University of Minnesota Libraries system is the 15th largest in North America, and lends more books and journal articles to other libraries than any other in the nation.  
— Facts published by University Relations, July 1992

Robert Berdahl, president of the University of Texas at Austin, and Robert Rutford, president of the University of Texas at Dallas, are both graduates of the University of Minnesota.

**Robert E. Rofidal**

'69 BA, *College of Liberal Arts*

Robert Rofidal has a long-time association with the University and volunteers his services on the legislative affairs committee as time permits. Many times that means making a phone call or writing a letter to legislators, rallying for the University. He says, "It's a great school. I'm proud to have graduated from it. Times are difficult now and they need our help in financial areas because of budget cutbacks."



**David Haugen**

'91, *MA Humphrey Institute of Public Affairs*

David Haugen is concerned about the changing employment opportunities for today's youth so getting involved with the task force set up by the Humphrey Institute Society to address the issue was a natural fit for him. He enjoys the opportunity to "repay" the Institute. Plus he really appreciates the membership benefit of unlimited access to the University libraries.

As you have seen in these pages, the University of Minnesota has touched many lives in a way unmatched by other life experiences, inspiring spirit, pride and sense of community. The University experience has strengthened the resolve of prisoners of war, forged new friendships in distant cities, motivated hundreds of successful alumni to look back and nurture those who follow.

Please join the Alumni Association now and stay in touch with others who support the University of Minnesota. Your membership makes a difference—because together we can make a world of difference!

1-800-862-5867  
Or 624-2323 from the Twin Cities area

UNIVERSITY OF MINNESOTA  
ALUMNI ASSOCIATION

## Your UMAA membership brings you...

Minnesota magazine with news of the University, alumni, and friends six times a year.

Collegiate alumni societies and geographic chapter outreach programs.

The UMAA Annual Meeting with notable speakers such as Garrison Keillor, Ted Koppel, and Walter Cronkite.

Other UMAA special events and activities such as Homecoming and the Emeriti Reunion.

... and an opportunity to take advantage of many other special benefits!

NEW! Access to E-Mail/Internet system for a small yearly fee.

NEW! Discounts on select Alumni merchandise at the bookstore.

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Borrowing privileges at all Twin Cities campus libraries.

Special Continuing Education and Extension (CEE) opportunities, including \$5 discount on all Independent Study course materials and 15% discount on all Management Advancement Program (MAP) courses.

Discounted prices on individual and season tickets for all main stage University of Minnesota Theatre performances.

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Two-for-one tickets to all women's athletic events.

Reduced green fees and special rates on annual memberships at the University of Minnesota golf course.

Free one-day pass to the University of Minnesota Alumni Club Restaurant at the top of IDS tower in Minneapolis and eligibility to join the club.

Alumni tours to exciting international and domestic destinations.

Better rates on banking and loan services at the University of Minnesota Federal Credit Union.

Special prices on outdoor equipment and apparel at the Outdoor Store on the St. Paul campus.

Term life and accidental death insurance coverages available at group rates.

## UMAA Membership Application

YES! Enroll me as a member in the University of Minnesota Alumni Association!

Indicate your annual membership category:

Single  \$30      Dual/Family  \$40

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Phone \_\_\_\_\_

I am interested in contributing to the University. Please contact me.

If you are currently a member of UMAA, please pass this brochure along to a friend who might be interested.

Any questions, please call the UMAA membership office at 1-800-UM ALUMS (1-800-862-5867) or 624-2323 in the Twin Cities area.

University of Minnesota Alumni Association  
501 Coffman Memorial Union  
300 Washington Ave. SE  
Minneapolis, MN 55455-0369



### Memorial Stadium: 1924-1992

Built in 1924 and dedicated to the veterans of World War I, Memorial Stadium fell victim to the wrecking ball on July, 1992. Over 3,850 bricks were salvaged and sold by UMAA, raising more than \$52,000 for the University general scholarship fund.

*"I fully support this educational library [Andersen Horticultural Library] for its usefulness as a horticultural library. I have an herb farm and need a source for seed and plant materials and have used the catalog section regularly for the past 10 years. It is close to my farm where I can either drive over or pick up the phone and talk to one of the library assistants for help."*

### The Complementary Roles of the Alumni Association and the University Foundation

The University of Minnesota Alumni Association is the independent voice for the alumni that helps shape University policy and set direction. Our goals are to support the tradition of excellence in education and to enhance spirit and community at the University. The primary goal of the University of Minnesota Foundation is to raise private resources to supplement the public funding of University core programs, student scholarships and special projects. Many loyal alumni are both association members and Foundation donors. Please join them by becoming an Alumni Association Member today.

Please detach, enclose your completed membership application with payment, and mail today!



### Charles A. Backman

'70, BS in Mathematics, College of Liberal Arts

After graduation Charles Backman joined the Air Force, served overseas for several years, and eventually lost touch with the University. When his parents moved out of Minnesota, the University lost mail contact with him.

But, it's a small world. In the spring of 1993, Backman's 13-year old daughter attended a music camp where she met the daughter of one of Backman's past band teachers. Through this chance meeting, he learned (one-year late!) about the 1992 Band Centennial Celebration. His experiences as a member of the University marching band are some of the best memories he has of his college years and to have missed such a great event because he was "out of touch" convinced him to get back "in touch".

On a family summer vacation, he visited the campus for the first time since 1970 and stopped at the UMAA office to register as a member. Charles Backman may have missed the 100th Band celebration, but he won't miss news of big events from now on. Welcome back, Charles!

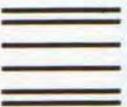
### Staying in Touch

Join your Alumni Association and stay in touch — with your University, your friends, and your memories!

### Staying in Touch

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19. Green marble paperweight featuring Regents Seal. **\$19.50**

20. Gold Regents Seal T-shirt by Champion, 100% cotton. S-XXL **\$15.50**

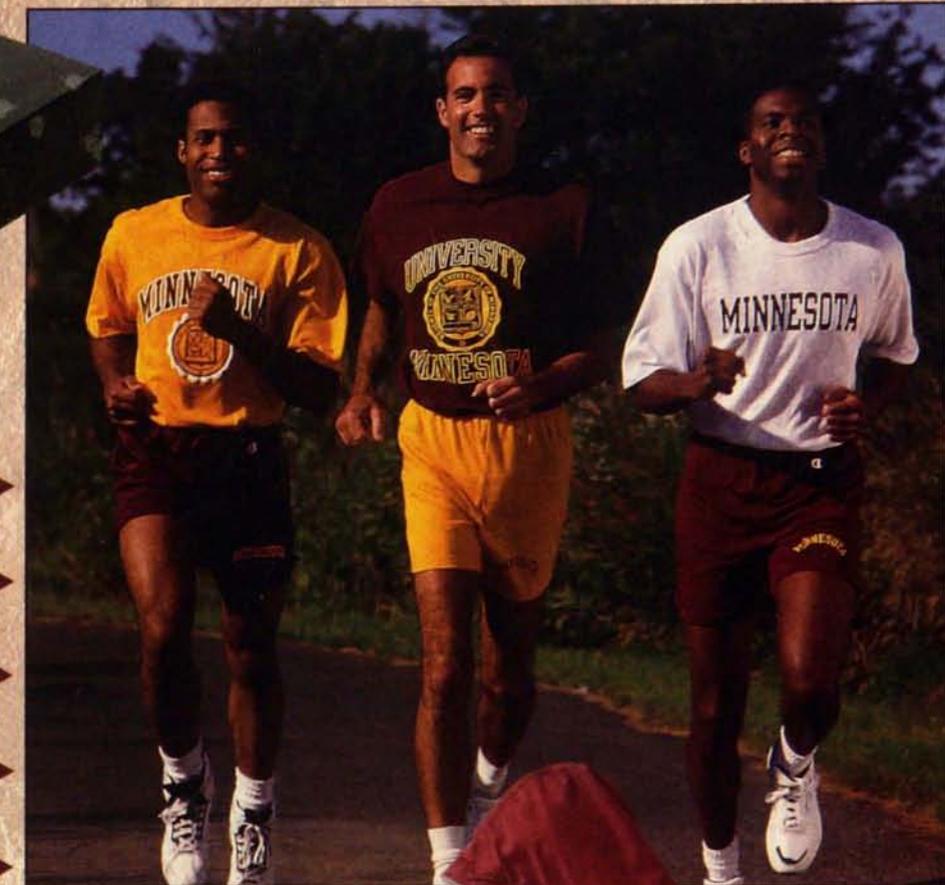
21. Regents Seal T-shirt, in maroon, 100% cotton by Jansport. S-XL **\$11.95**

22. "Minnesota" T-shirt, in ash, 100% cotton by Champion. S-XXL **\$13.95**

23. Mesh Shorts, with "Minnesota" in maroon 100% nylon, by Champion. S-XXL **\$22.95**

24. "Minnesota" Shorts by Champion, in gold or maroon 50% cotton, 50% nylon. S-XL **\$11.95**

25. Jansport Gopher T-shirt, in ash, 100% cotton. S-XL **\$13.50** XXL **\$15.50**



26. Maroon Nylon Hooded Jacket with elegant "University of Minnesota" stitched in gold; nylon shell with ash lining and elastic wrists. S-XL **\$61.95** XXL **\$67.95**

27. "Minnesota XXL Athletics" Champion Sweatshirt, gold on maroon, 90% cotton, 10% polyester, Reverse Weave. S-XXL **\$37.95**

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28. Champion maroon Sweatshirt with "Minnesota" in Tackle Twill, 90% cotton, 10% polyester, Reverse Weave. M-XXL **\$55.95**

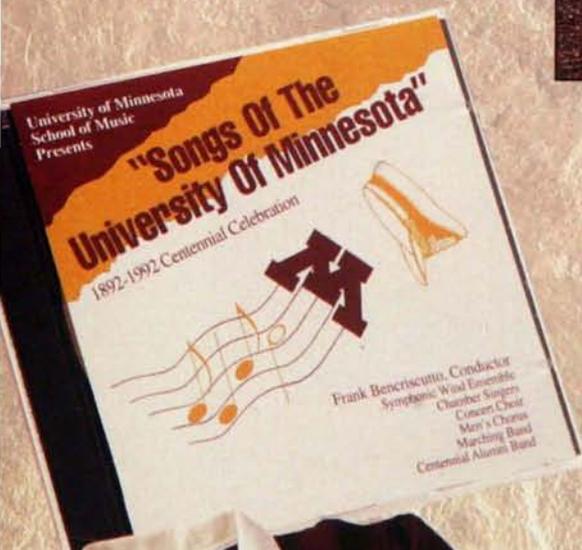
29. "Minnesota" in Tackle Twill on an ash Sweatshirt, 95% cotton, 5% polyester, cross grain, by Jansport. S-XL **\$46.95** XXL **\$50.95**

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30. Minnesota Regents Seal and "Gophers" T-shirt, gray with maroon and gold trim, by Third Street, 100% cotton. Sizes 6M, 12M, 18M, 2T, 4T **\$8.95**

31. "Songs of the University of Minnesota" Compact Disc, performed by the University of Minnesota School of Music during the 1892-1992 Centennial Celebration. **\$13.95**  
Cassette also available. **\$11.95**

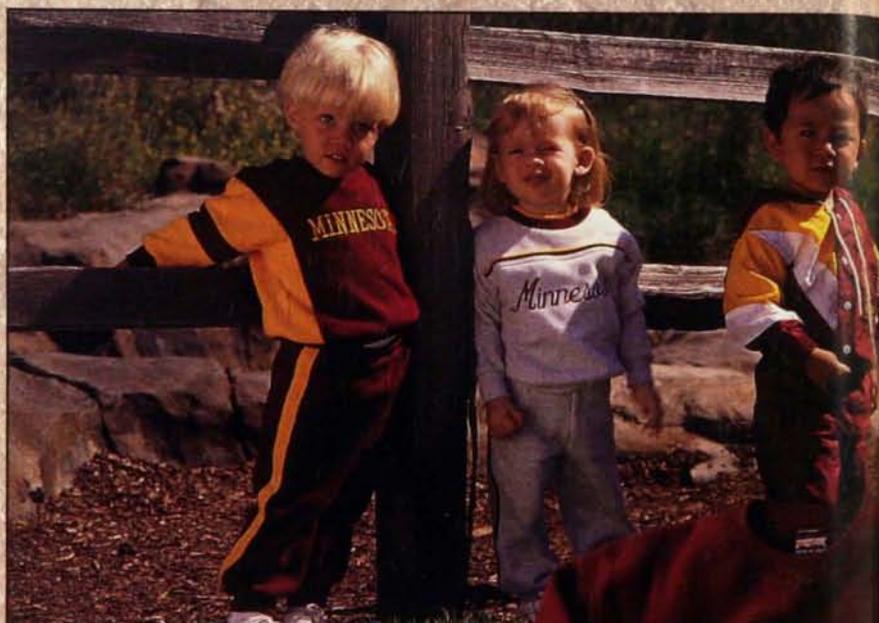


Frank Beniciscutto, Conductor  
Symphonic Wind Ensemble  
Chamber Singers  
Concert Choir  
Men's Chorus  
Marching Band  
Centennial Alumni Band

32. Little King embroidered "Minnesota" Sweatsuit, Maroon/Gold 50% cotton, 50% polyester. Sizes 6M, 12M, 18M, 2T, 4T, 6 **\$20.95**

33. Little King embroidered "Minnesota" Sweatsuit, gray with maroon & gold trim, 50% cotton, 50% polyester. Sizes 12M, 18M, 2T, 4T, 6 **\$19.95**

34. Little King embroidered "Minnesota" Wind Suit, Maroon/Gold/White, 100% nylon. Sizes 2T, 3T, 4, 6 **\$29.95**



35. Tapestry "M" maroon Sweatshirt, 95% cotton, 5% polyester, cross grain, by Jansport. M-XL **\$52.95** XXL **\$55.95**

36. Minnesota Regents Seal Jansport Sweatshirt, ash 95% cotton, 5% polyester, cross grain. S-XL **\$35.50** XXL **\$39.50**

37. Dehen Rugby Shirt, maroon with embroidered "M" and "Minnesota", 100% cotton. S-XL **\$54.50** XXL **\$60.50**

38. Gear "University Minnesota" Sweatshirt, in maroon on 80% "Big Cotton", 20% polyester. M-XL **\$31.50** XXL **\$33.50**



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continued from page 52

out here. We give them a good look at how things operate in a small-animal practice, how we handle certain cases versus how they do it at the University."

One of the differences, Schnabel says, is that the University has a large support staff—a luxury that is often not available in a small practice.

Sophomore Craig Tebeau says that he also found it helpful to be able to ask Schnabel and Barcus about "personal details"—getting a job, paying back student loans, and the like. A native of Seattle, Tebeau considered the veterinary program at Washington State, but the university is in Pullman, a relatively small town, and since he's interested in the small animal field, a larger metropolitan area like the Twin Cities seemed like it would offer more opportunities in the long run.

The mentoring program "is a great thing to have set up," Tebeau says. Any student can call any veterinarian any time to



Bruce Schnabel and Kevin Barcus

ask for information or advice or a clinic tour, he says, but it's a difficult thing to do and it's nothing like having ready access to willing volunteers who, like Barcus and Schnabel, "seem to take students seriously."

#### Institute of Technology:

##### Getting a Start

Art Paulson, B.M.E. '77, senior project engineer at Kroy, a company that makes lettering and labeling machines, has been a mentor to three students. "It has been fun so far,"

he says. "It has worked out well for both sides."

"I come from a nontechnical family, and it's good to tell others how I started out in engineering," says Paulson. Like the students who sit in with Barcus and Schnabel at the veterinary clinic, the prospective engineers who spend some time with Paulson learn a lot just by observing what happens during the course of a normal work day. "I do a lot of different things," he says, "so it's a good education in itself."

Mechanical engineering junior Barb Hall asked to be paired with a mentor for several reasons: to make contacts in the engineering field, to learn about the realities of an engineering job, and to assess the extent to which her course work would be applicable in a job. While as a design engineer Paulson is concerned with products and Hall has her eye on systems engineering—the process by which a product is made—their meetings have been fruitful. "Engineers are idea people," says Hall, who clearly fits the mold herself.

On their tour of the Kroy facilities, Paulson knew the names and histories of all the people on the production line, Hall says, so she was able to ask staff questions as well as technical questions. Paulson also introduced her to the aerospace engineering machine shop on campus, where they looked at graduate students' projects together. They were planning a summer tour of the balloon factory where Hall's husband works.

#### Pharmacy:

##### A Matter of Degrees

Julie Johnson, B.S. '81, president of the Pharmacy Alumni Society and owner of Blomberg Pharmacy in Falcon Heights, Minnesota, has been a volunteer mentor for three years—for freshman students in the University Scholars program as well as five pharmacy students.

Second-year pharmacy students are paired with mentors in different work settings—in community pharmacies, industry, hospitals, HMOs, government agencies—to help them decide between



Art Paulson and Barbara Hall

the pharmacy bachelor's degree and the doctor of pharmacy degree, Johnson says. Their choice of degree in turn determines the courses they must take.

"We get them to different practice sites so they can make curriculum decisions," Johnson says. For the mentors, she says, it's fun getting to know the students and their goals.

Pharmacy senior Kathy Teigen, one of the students who has been paired with Johnson, points out that students often work in pharmacies, where they get not only experience in their field but also resident mentors.

#### College of Liberal Arts:

##### Thanks for the Info

A tribute to the College of Liberal Arts mentoring program arrived in the form of a thank-you letter from student Angie Parris, who plans a career in international business. Mentor Bridget Hanson arranged a meeting between her colleagues in international business and Parris and some other students.

"I learned a great deal . . . about doing business in Southeast Asia," wrote Parris, "including the bloop and blunders of business activity in a foreign country. We often don't learn of these things in the classroom."

As the academic year came to an end, Parris felt that she and Hanson had established a relationship that will continue: "She has given me advice and valuable insight, and I know that I may need additional advice in the future. She has made me feel comfortable in . . . asking for her help, and that, I think, is what the whole [mentoring] program is all about." ◀

# "ROLL OF THE DICE"

*With 40 returning lettermen, will the "Wack attack" be more successful the second time around?*

**T**he 1992 Gopher football team was better than its 2-9 record—as evidenced by the convincing year-end win over bowl-bound Iowa. It's been a long wait "till next year," but the 1993 team's hopes are high.

"We will be a much-improved football team," says head coach Jim Wacker. "It will be the second time around in our system for our veterans and that alone will make us better. The kids are more adapted to the program and understand what we're trying to do a lot better. And we understand them a lot better. We have more returning starters and deeper experience. Those are two key factors. Now we've got to go do it, make it happen. My way of looking at it is don't talk

about it until you've done it. I want the players to do that. They've paid the price, worked extremely hard.

"This is my 33rd season. It's a roll of the dice. No one is more surprised than I am as to how it turns out. All you can go on are your feelings. But it's going to be a fun season."

The biggest question mark is at quarterback, where the Gophers lost Marquel Fleetwood, who graduated, and Rob St. Sauver, named Big Ten offensive player of the week after his performance at last year's Iowa game, who transferred from school for academic reasons. Wacker will be turning to his nephew Tim Schade, who was redshirted last season after transferring from Texas Christian University (TCU), to lead the Gopher one-back set offense.

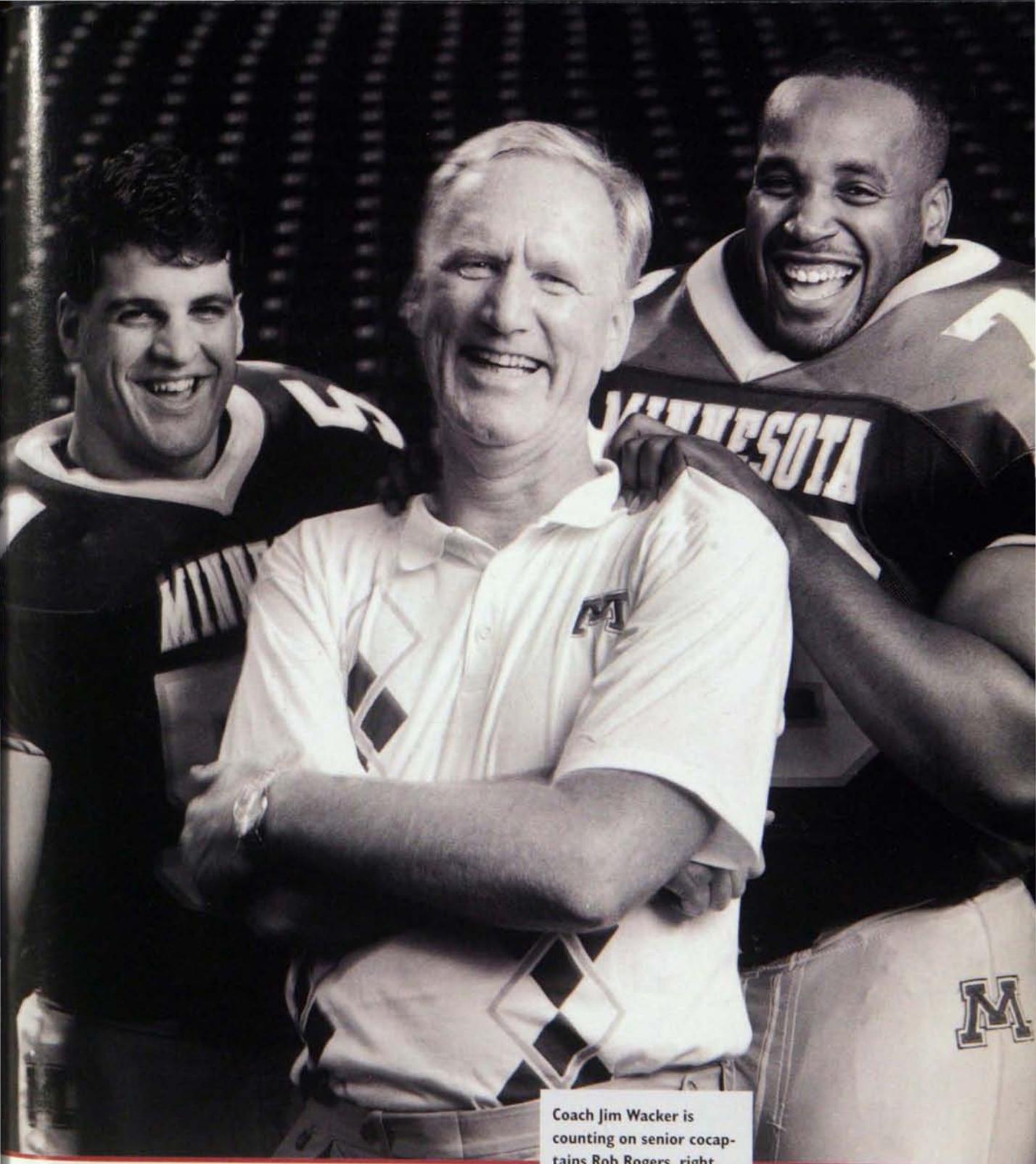
"We've already seen Tim under the gun," says Wacker. "He started five games our last season at TCU. We've

seen him operate the offense under fire, and he did a good job—completed 61 percent of his passes, won three of five games when he was a freshman.

"We also have a freshman coming in [Corey Sauter] who might really make things interesting. He's something special. Everything a coach dreams about."

With three wide receivers, the Gophers will be throwing the ball a majority of the time, requiring a strong-armed quarterback. Schade fits the bill. "It's an offense that suits us well because we don't match up quite yet personnel-wise," says Wacker. "This offense gives you a chance to move the ball in big

BY BRIAN OSBERG



Coach Jim Wacker is counting on senior cocaptains Rob Rogers, right, and Dennis Cappella and 38 returning lettermen to turn in a winning football season. Cappella will be key at defense. Rogers will anchor the defensive line.

chunks and maybe get by if you don't have the really good skill people. We don't like to bounce around with our offense. We wanted to come in, establish something, refine it, keep making it better. If you switch offenses, you're asking for trouble."

Schade will be throwing to slotback Omar Douglas, who set a school single-season record of 61 receptions last year

and is arguably the Gophers' best receiver. Other returning top receivers include Lewis Garrison, Aaron Osterman, and Mike Long. Watch for freshman Rishton Early from Bellaire, Texas, to become a game breaker at flanker. The Gophers are thin at the tight end

the starting tight end.

With only one running back in the Gopher offensive scheme, competition is

spot—senior Steve Cambrice's status is uncertain; he has been suspended pending investigation of an altercation with a police officer. Junior Eric Dalen is expected to be

stiff. Senior cocaptain Antonio Carter, who led the Gophers in rushing the past two years, returns as the starting tailback. Backing Carter up is sophomore Chris Darkins, who showed flashes of brilliance his freshman year, and junior Chuck Rios, who sat out last season with a knee injury.

With the graduation of Prince Pearson, Ted Harrison, and Keith Ballard, perhaps the biggest concern the Gophers have on offense is the interior line. Anchoring the line at guard will be senior cocaptain Rob Rogers; Wacker calls Rogers his best lineman. The most crucial role will be played by senior Neil Fredenburg, who, after two knee surgeries and moving from tackle to guard, is now being asked to take over at center. His ability to stay healthy will be key given his lack of experience at that position. Last year Fredenburg had midseason surgery but didn't miss a game. "That's tough surgery to go through," says Wacker. "But he's doing great, lifting weights, conditioning. His knees are stronger now than they were before he got hurt."

*It's taking the kids to the wall day after day, convincing them that they can go a lot farther than they thought they could go before.*

Wacker believes the team's greatest improvement will be at defense. Eight starters return from last year's lineup, including the entire front four. Leading the strong line is defensive end and cocaptain Dennis Capella, who was named to the all-Big Ten second team last year despite being relatively undersized at 235 pounds. Completing the front four are Ed Hawthorne, Doyle Cockrell, and Andy Kratochvil. "We have a defensive line that's really solid," says Wacker. "Good players are coming back with experience."

The Gophers have a big linebacker

corps, with the starters averaging nearly 240 pounds. Brothers Lance and Todd Wolkow will be called on to stop the run. Senior cocaptain Russ Heath has been moved to middle linebacker from the outside position.

To strengthen the secondary, Wacker turned to the Gopher basketball team and a junior college. Nate Tubbs, who finished his eligibility on the Gopher basketball team, is expected to contribute at free safety, backing up senior Jeff Rosga. At 6'4" and 210 pounds, Tubbs will be a force in the secondary. Tubbs played high school football in Fort Wayne, Indiana, where he was a three-time all-state wide receiver. From the junior college ranks, the Gophers recruited cornerback Andre Jones, who recorded twenty interceptions in two years at Colorado's Snow Community College; a knee injury and mononucleosis will keep him out this season.

"We only saw Nate Tubbs for a week in spring," says Wacker. "We have him listed as one of the top three safeties. It's up to him to do battle. He's worked hard this summer and is big and strong, a

good athlete. Will he be fast enough, adapt quick enough, learn the system? Nobody knows."

The Gophers will have to count on returning players and the Texas connection to improve their weakest link on defense. "We face the same question we faced last year," says Wacker. "How good can we cover the pass? How good can we tackle back there? The secondary is going to be key. The corner spots are vulnerable. Can we cover anybody is a big question."

Drinon Mays will be starting at the left cornerback spot for the third straight year, with junior Dan LiSanti starting at strong safety. The pipeline from Texas

has produced talented sophomore defensive backs Roderick Narcisse and Vincent Hypolite. Hypolite will be pushing LiSanti at the strong safety position, and Narcisse is expected to start at right cornerback.

Seven Texans will be joining the eight Wacker signed his first year after leaving Texas Christian University for Minnesota. Five of the recruits are from the Houston suburb of Sugarland, including defensive back Terrance Blayne, who was rated one of the top 100 national recruits this year. "Sugarland is putting out as many good recruits as any high school in the nation," says Wacker. "We got some good ones this year. When it comes to recruiting, Narcisse is more important than Wacker. He likes it here, and he tells the players. His mom is instrumental, too; she likes having him here.

"We have to play a lot more consistently than we did a year ago," says Wacker. "The good news is that in the freshman class there are three who can play, and they may have to play. Blayne, Crawford Jordan, and Rodney Heath were all highly recruited. Heath was player of the year in greater Cincinnati. They all can run, have good feet, quickness. It's tough to play freshmen but if they're better than what you've got, play them. It's way too early to decide, but the little bit I've seen has been encouraging."

Is Wacker as excited about the Gophers' prospects as he was last year?

"You bet," says Wacker. "Even more so. We're further along. You see where the pieces of the puzzle are starting to fit together. Part of it is developing physical toughness, part of it is developing mental toughness. It's taking the kids to the wall day after day, convincing them that they can go a lot farther than they thought they could go before. They're starting to learn to push themselves to their physical limits. So when we get to third-and-one or fourth quarter we have a much better chance of making it. That's going to pay off for us.

"Do we feel good? Yah. We're going to be a good football team. How many are we going to win? I don't know. But we'll be vastly improved."

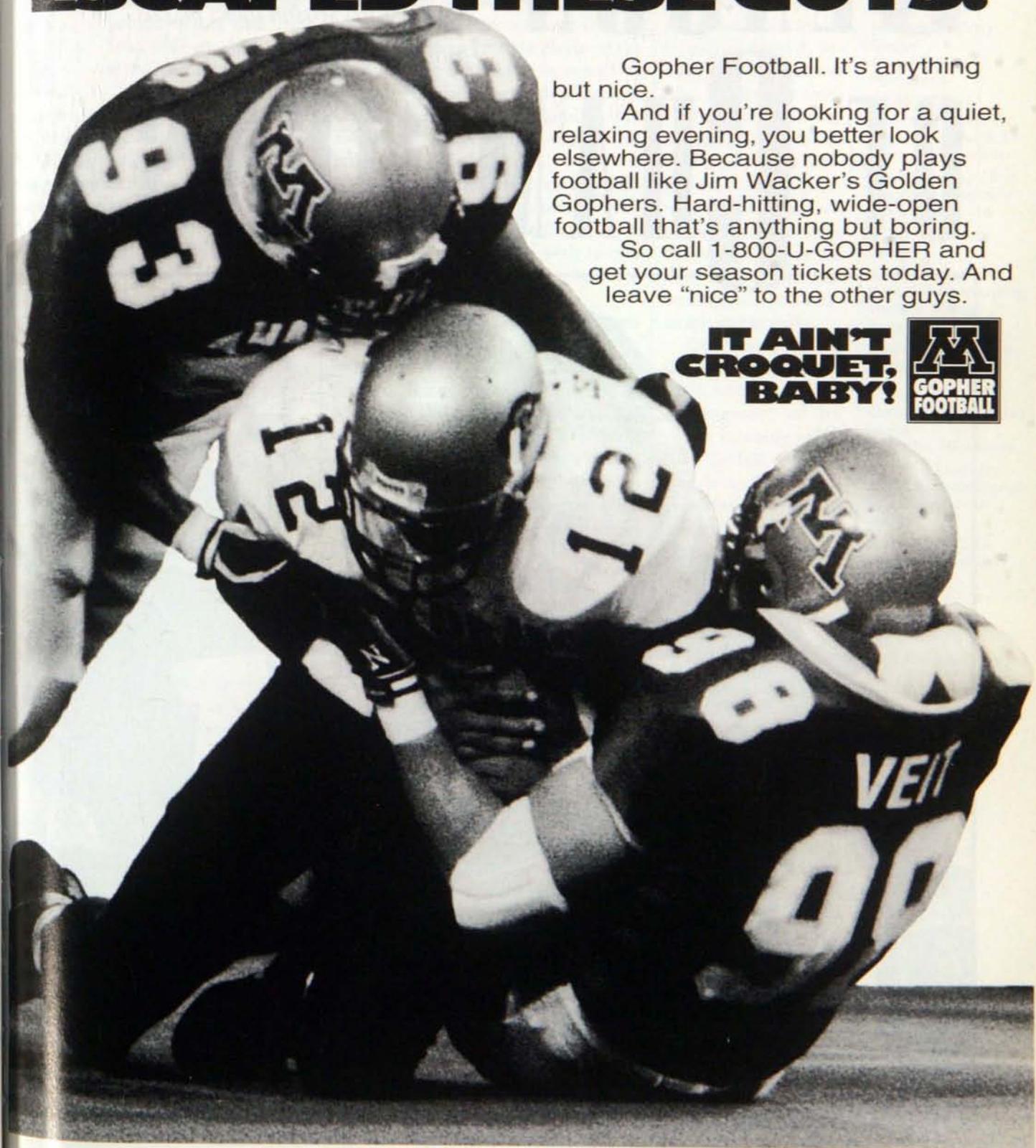
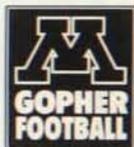
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# SEASON OF CHAMPIONS

*With 3 conference titles, 1 postseason championship, 4 individual national titles, 20 all-Americans, and 55 academic all Big-Ten selections, last season was one for the Gopher record books. This season looks just as promising.*



From the outset, the 1992-93 year was one of the most memorable in the history of the University of Minnesota men's athletic program:

■ The Golden Gophers closed out Jim Wacker's first season as football coach with a come-from-behind victory over rival Iowa before a near-sellout at the Metrodome.

■ The basketball season offered a preview of the renovation of Williams Arena, and Coach Clem Haskins's Gophers staged a remarkable post-season—putting together five consecutive victories en route to the National Invitation Tournament (NIT) championship.

■ In addition to the NIT title, fans were rewarded with three NCAA individual champions. And they said goodbye to some favorites—old Mariucci Arena, gymnast John Roethlisberger, and baseball cocaptain Ryan Lefebvre.

The 1993-94 season should provide its own share of excitement:

■ The Gophers will be the first Big Ten football opponent for Penn State and legendary coach Joe Paterno.

■ The second stage of the Williams Arena renovation is scheduled to be completed in time for the basketball season. With all five starters returning, the Gophers should have another memorable season.

■ Coach Doug Woog's hockey team will move to its new home.

The following is a brief recap of the past season and a preview of what fans can expect from Gopher men's sports in the coming year.

## Basketball

The 1992-93 season offered one of those lessons that coaches are always talking about—turning a negative into a positive. Disappointed after being left out of the NCAA tournament field, the Gophers won five consecutive post-season games (each before a national television audience) en route to the school's first-ever National Invitation Tournament title.

After winning their first three post-season NIT games at home (two at the Target Center and one at the Met Center because of the remodeling of Williams Arena), the Gophers traveled to New York City's Madison Square Garden, where they defeated Providence 76-70 in the semifinals and then outlasted Georgetown 62-61 in the championship game. Guard Voshon Lenard, a second-team all-Big Ten selection from Detroit, was named most valuable player of the NIT tournament, where he scored 99 points in the five games. Arriel McDonald from Raleigh, North Carolina, was also named to the NIT all-tournament team.

The Gophers finished the season with a 22-10 record (more victories than in all but three other years in school history and just the sixth season with twenty wins) and 9-9 in the Big Ten (tied for fifth place).

The loss of seniors Dana Jackson and Nate Tubbs will hurt, but all five starters return—guards Lenard and McDonald, forwards Randy Carter from Memphis and Jayson Walton from Dallas and center Chad Kolander from Owatonna, Minnesota. Last season the starters accounted for 88 percent of the scoring and 83 percent of the rebounding. Minnesota will open the 1993-94 season in the tough preseason NIT.

## Baseball

Stories about the baseball program are beginning to sound like a broken record: The Gophers won 43 regular-season games—in their 31st consecutive winning season. Minnesota has had only three losing seasons since 1935, only one since 1951.

Finishing second in the 1993 Big Ten regular-season standings, the Gophers earned another appearance in the Big Ten postseason tournament—their twelfth appearance in the thirteen years of the tournament. The Gophers went 2-1 at the tournament, held in Battle Creek, Michigan, earning a berth in the NCAA postseason playoffs, their seventh appearance in the past twelve seasons.

Early in the 1993 season, Coach John Anderson won his 400th game. Ander-

son, 37, is one of the youngest coaches in NCAA Division I history to reach the 400-victory plateau. He was honored this summer when he was asked to serve as the head coach for the USA Senior National Team.

Several Gophers left their mark on the Minnesota record book. Senior cocaptain Ryan Lefebvre finished his career as the school's all-time leader in games played, at-bats, runs scored, and hits. Lefebvre, a four-year starter, was in the top ten in eight of ten career offensive categories. Second baseman Mark Merila from Plymouth, Minnesota, batted .408 during the regular season and became the school's all-time leader in walks.

One reason for the Gophers' success in 1993 was the quick development of its young pitching staff. Joe Westfall, a freshman from Marathon, Wisconsin, tossed a no-hitter against Penn State—the first no-hitter by a Minnesota pitcher in 22 years.

## Gymnastics

A golden era in Gopher gymnastics ended in April in Albuquerque, New Mexico.

John Roethlisberger capped one of the most brilliant athletic careers in University of Minnesota history by accomplishing something only two other collegiate gymnasts had managed: a third consecutive NCAA all-around title. The only other gymnasts to win three consecutive all-around titles in the 55-year history of the NCAA championships were Joe Giallombardo of Illinois (1938-40) and Steve Hug of Stanford (1972-74). Roethlisberger also captured the pommel horse title at the NCAA championships and earned four more all-Ameri-

### HOCKEY

**Jeff Neilson (left)**  
Senior  
Grand Rapids,  
Minnesota

■ 1992-93 top returning scorer for the Gophers with 21 goals and 20 assists

■ Ranks in top 10 of returning scorers in the league

■ Olympic camp finalist

■ 1992-93 John Mayasich Outstanding Student Athlete Award

■ 1992-93 academic all-Big Ten team

**Chris McAlpine (right)**  
Senior  
Roseville, Minnesota

■ 1992-93 led the WCHA in goals scored by a defenseman with 14

■ 1992-93 WCHA honorable mention

can certificates—giving him fifteen in his career at Minnesota.

Led by Roethlisberger, the Gophers have finished in the top five at the NCAA meet for five consecutive years.

Several weeks before the NCAA meet, Roethlisberger, a member of the 1992 U.S. Olympic team that competed at Barcelona, Spain, became the first gymnast in the 91-year history of the Big Ten championships to win four all-around titles. Roethlisberger's illustrious collegiate career came to a fitting end when he was selected to receive the Nissen Award, presented to the top collegiate gymnast. Roethlisberger and Tim LaFleur (1978) are the only University of Minnesota gymnasts to win the award.

With the graduation of Roethlisberger and Rob Hanson, who closed out his Minnesota career by earning all-American honors in the pommel horse, Coach Fred Roethlisberger has high expectations this season for juniors Kerry Huston from Spring, Texas, and Brian Yee from Houston. Huston won the floor exercise title at the Big Ten championships and the NCAA East Regional

last season, after being named the Big Ten Freshman of the Year in 1992. Huston was fourth in the all-around at the Big Ten meet. Yee finished second to Huston in the floor exercise and fifth in the all-around at the Big Ten championships (hosted by the University of Minnesota).

## Hockey

Perhaps never has a new hockey season created more excitement than the one that's coming up.

After 31 years in the friendly confines of Mariucci Arena, the Gophers have moved to a new home directly across Fourth Street. The new state-of-the-art Mariucci Arena is arguably the top college hockey arena in the country.

The Gophers and Coach Doug Woog said good-bye to the old arena with a 1-0 victory over St. Cloud State March 5. Championship banners were lowered in farewell ceremonies, to be raised this season in the new arena.

Minnesota went 12-2-2 in its final sixteen games to finish with a 22-12-8 over-

all record and in a second-place tie in the WCHA standings. Under Woog, the Gophers have never finished lower than second in the WCHA regular-season standings.

The Gophers won the school's first-ever WCHA tournament title by defeating Northern Michigan 5-3 in the championship game at the St. Paul Civic Center March 20. Then the Gophers made their twentieth appearance in the NCAA tournament, where they advanced to the quarterfinal round for the ninth consecutive year.

The record is impressive, considering that the team had just three seniors (defenseman Travis Richards—named most valuable player in the WCHA tournament—goalie Tom Newman, and wing John Brill) and that two top players were injured.

Returning this season will be Woog's top two scorers: center Craig Johnson from St. Paul, who led the team with 22 goals and 46 points, and wing Jeff Nielsen from Grand Rapids, Minnesota, who contributed 21 goals and 41 points.

## Swimming and Diving

Heading into the 1992-93 season, Coach Dennis Dale thought he had several freshmen who could have an immediate impact on the Minnesota program—and he was right.

Led by freshmen P. J. Bogart from Mesa, Arizona, and Bernie Zeruhn from Hamburg, Germany, the Gophers finished second at the Big Ten championships for the fourth consecutive year and then finished eleventh at the NCAA championships.

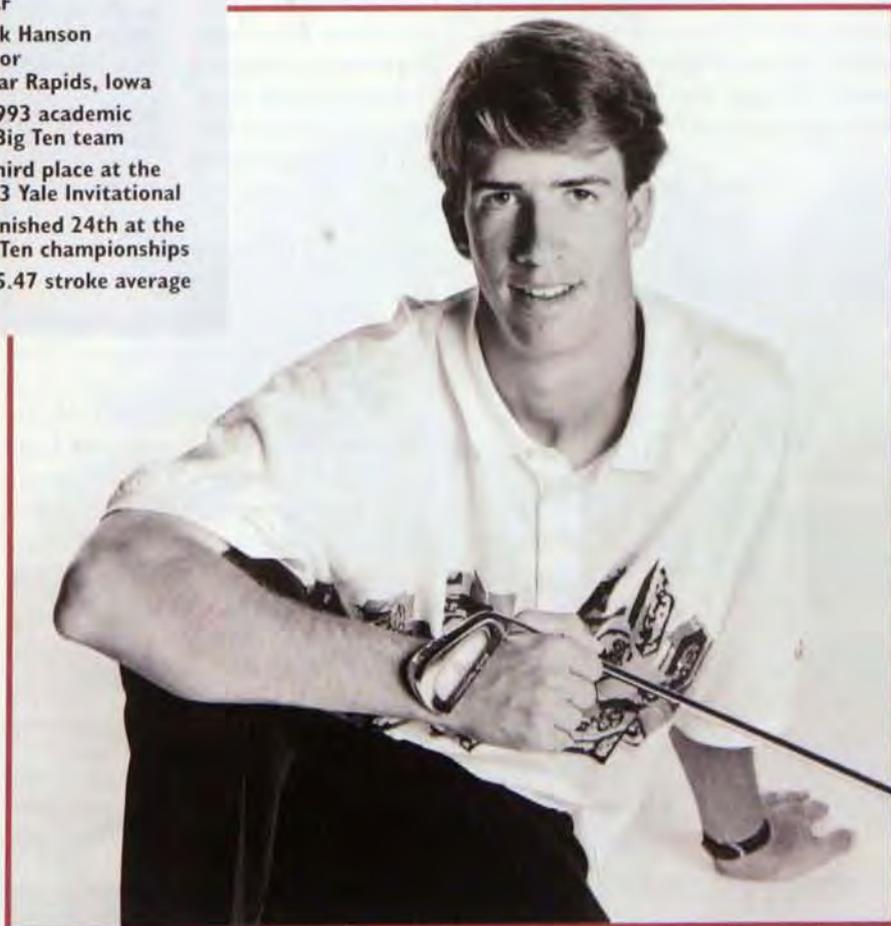
Bogart, who was honored as the Big Ten Diver of the Year, captured the national 10-meter platform diving title to become the University of Minnesota's first NCAA champion in swimming or diving since Craig Lincoln won the 3-meter crown in 1972. Bogart, a member of the senior national diving team, also placed second on the 3-meter and third on the 1-meter boards at the NCAA championships. Zeruhn, who set school records in the 200 and 500 freestyle events while competing at the NCAA meet, also earned all-American honors with an eighth-place finish in the 200 butterfly.

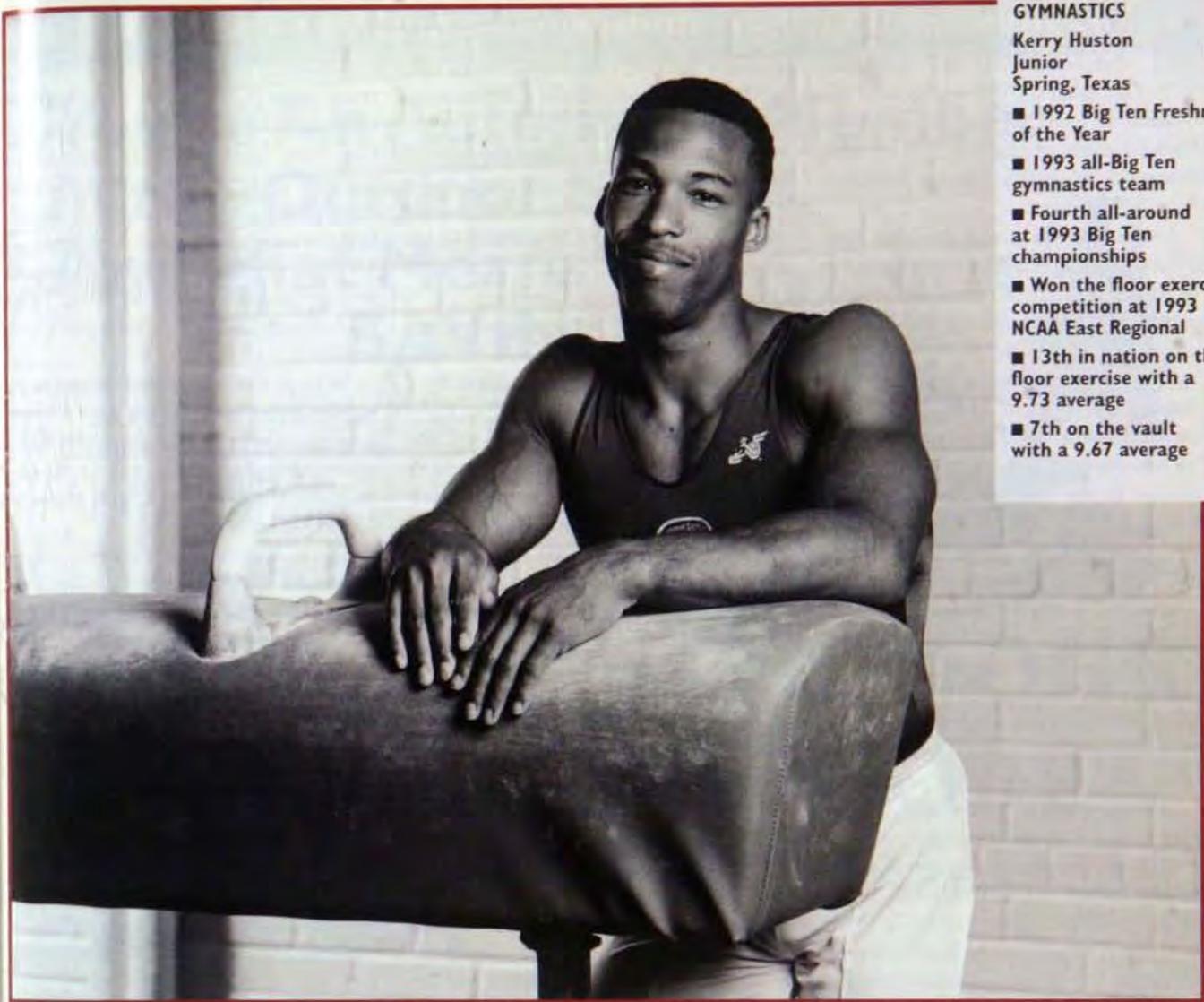
Matt Brown from Beaverton, Ore-

## GOLF

**Mark Hanson**  
Junior  
Cedar Rapids, Iowa

- 1993 academic all-Big Ten team
- Third place at the 1993 Yale Invitational
- Finished 24th at the Big Ten championships
- 75.47 stroke average





#### GYMNASTICS

Kerry Huston  
Junior  
Spring, Texas

- 1992 Big Ten Freshman of the Year
- 1993 all-Big Ten gymnastics team
- Fourth all-around at 1993 Big Ten championships
- Won the floor exercise competition at 1993 NCAA East Regional
- 13th in nation on the floor exercise with a 9.73 average
- 7th on the vault with a 9.67 average

gon, earned all-American honors with an eighth-place finish in the 200 breast-stroke.

Diving coach Doug Shaffer was selected as the NCAA Diving Coach of the Year.

#### Tennis

The Gophers breezed through the 1992-93 Big Ten regular season and tournament undefeated, but for the second consecutive season were left out of the twenty-team NCAA field—despite extending their conference winning streak to 26 matches and compiling a 28-3 record while claiming their sixth conference championship in the past twelve years.

One Gopher who did get to display his talents in the postseason was cocaptain Rick Naumoff, who competed at the NCAA Division I individual champi-

onships—the first Gopher in nine years to receive an NCAA singles bid. Naumoff, one of five seniors who contributed heavily to the Gophers' success, went 36-11 (winning eleven of his final twelve matches) during the regular season. He was the champion at the Spartan Invitational (the Big Ten indoor tournament) at East Lansing, Michigan, and was a consolation finalist at the Rolex National Indoor Tournament, hosted by the University of Minnesota.

Despite the loss of five seniors, Coach David Geatz, who has directed Minnesota to a 107-35 record and three Big Ten titles in five seasons, is undaunted by the challenge of the 1993-94 season. Geatz believes the Gophers will remain competitive with the addition of recruits Eric Morton, a two-time Ohio high school state champion from Beavercreek, and Ben Gabler, the Pennsylvania high school state champion from Chambers-

burg, and the return of players like Jack Enfield from Roseville, California, who was redshirted last season; Erik Donley from Duluth, Minnesota, who contributed ten singles victories and thirteen doubles victories as a true freshman; and Adam Krafft of Saginaw, Michigan, who missed almost all of the 1992-93 season because of an elbow injury after earning all-American honors in 1992 in doubles.

#### Golf

After near misses in each of the previous two seasons, the golf squad capped the 1992-93 season with an NCAA postseason appearance.

The Gophers had missed NCAA postseason berths by two strokes in each of the previous two seasons, but Coach John Means's club, led by preseason all-American Joe Gullion, finished third at the 1993 Big Ten championships and

earned a spot in the NCAA Central Regional at Columbus, Ohio. The post-season appearance was the first since 1972. The Gophers finished fifth in the regional to earn a spot in the NCAA championships at Lexington, Kentucky. Minnesota finished in a tie for twentieth at the NCAA meet.

A senior, Gullion won medalist honors at three tournaments and finished in the top ten in nine of the twelve tournaments he played in during the 1992-93 season. The two-time all-Big Ten selection capped his collegiate career by winning the Les Bolstad Award for the low season average (73.00) in the Big Ten. He was one of only six Division I golfers selected to play for Team USA this summer in the U.S./Japan Collegiate Showcase. Gullion, who earned second-team all-American honors, finished in a tie for 24th at the NCAA meet.

While Gullion's graduation will leave a void, Means will try to continue to build on the Gophers' resurgence with juniors Mark Hanson from Cedar Rapids, Iowa, Phil Ebner from Hudson, Ohio, and Jonathon Kelly from Mankato, Minnesota; and senior Jeff Nielsen from Grand Rapids, Minnesota.

Hanson was the number two golfer during the spring season with a 75.4 stroke average. Nielsen, who is also a member of the Gopher hockey squad, stepped in late in the season and provided a big lift for the team. He competed in three tournaments and shot a final-round 71 at the Wolverine Invitational to help the Gophers earn the postseason berth.

## Wrestling

To say that last season was one of the wrestling program's most successful is something of an understatement. Four Gophers were named all-Americans, matching the 1988-89 season for the most in one season in school history. Seven Gophers qualified for the NCAA championships, the most in the past fourteen seasons and the second-most in school history.

With all four all-Americans and six of the seven wrestlers who competed at last season's NCAA championships returning, Coach J Robinson is modestly hoping his program can reach his ultimate goal—competing for the national championship.

Returning all-Americans are seniors

Willy Short from Inver Grove Heights, Minnesota, who placed third at 150 pounds at the NCAA championships, and Brad Gibson from Chokio, Minnesota, who placed fifth at 177 pounds; sophomore Billy Pierce from Minneapolis, who finished fifth at heavyweight; and junior Tim Harris from St. Louis, Missouri, who placed eighth at 128 pounds. In his seven seasons at Minnesota, Robinson has coached sixteen all-Americans.

The other two returning wrestlers who competed at the NCAA championships are 167-pound sophomore Brett Colombini from Redwood Valley, California, and 142-pound sophomore Chad Carlson from Pennington, Minnesota. The season concluded with a ninth-place finish at the NCAA championships (the program's fourth top ten finish at the NCAA in the past five seasons).

The Gophers opened last season with twelve consecutive victories (the best season start in school history) and won a school-record 21 duals, which raised Robinson's seven-year dual mark to 87-55-1. Led by Pierce, who was redshirted the previous season, the Gophers finished fourth at the Big Ten championships with 80 points—the fourth-highest conference point total in school history. Pierce captured the Big Ten heavyweight championship to become the first Gopher heavyweight since 1953 to win a Big Ten championship and just the third Gopher freshman to win a Big Ten championship. (Colombini, who was 9-0 in Big Ten duals, was the runner-up at 167 pounds.) Pierce finished the season with thirteen pins and a 47-4 record, the fourth-highest single-season victory total in school history. Pierce, who was unranked in the preseason, was number two in the final regular-season individual rankings by *Amateur Wrestling News*.

Senior Michael Marzetta, who was ranked number two for most of the season (number three in the final poll), finished the season with a 40-7 record and a career record of 104-48-1. Marzetta's 104 victories are the tenth most in school history.

## Track and Field/ Cross Country

Last season was one of the most noteworthy in the 30 years Coach Roy Griak has directed the Minnesota track and field program.

Led by Martin Eriksson from Stockholm, Sweden, the Gophers vaulted to a sixth-place finish at the NCAA indoor track championships in March at the Hoosier Dome in Indianapolis, the Gophers' best finish at the indoor national meet. Eriksson won the pole vault with a mark of 18 feet 1/2 inch to become only the second University of Minnesota track and field athlete to win an indoor national title. (Ron Backes won the indoor shot put crown in 1986.)

In June, Eriksson finished third in the pole vault at the NCAA outdoor championships to help the Gophers to a 42nd-place finish. Eriksson's vault at the outdoor meet equaled his school record of 18 feet 1/2 inch.

Chris Murrell from Grand Island, Nebraska, placed second in the high jump at the NCAA indoor meet with a school-record leap of 7 feet 4 1/4 inches. At the outdoor meet, Murrell claimed his fourth all-American certificate with a leap of 7 feet 2 1/4 inches, which earned him a ninth-place finish.

At the Big Ten indoor championships, Eriksson and Matt Burns from Cedar Rapids, Iowa, led the Gophers to a fourth-place finish with a school-record 77 points. Eriksson won the pole vault, while Burns won the high jump event.

At the Jesse Owens Classic at Columbus, Ohio, in May, cocaptain Tyrone Minor from St. Paul equaled his school outdoor record with a long jump of 25 feet 4 1/2 inches. Senior Chad Goldstein won the shot put with a toss of 60 feet 1/2 inch. Goldstein finished fourteenth at the NCAA outdoor meet with a toss of 57 feet 1 inch.

Griak's cross-country squad was hampered by injuries all fall, finishing a disappointing ninth at the Big Ten championships. The Gophers did show improvement two weeks later when they finished twelfth at the NCAA District Four championship at Bloomington, Indiana. Senior Doug Milkowski was the Gophers' top runner, finishing fifteenth at the Big Ten meet and sixteenth at the NCAA District Four meet.

A trio of veteran runners return this fall for Griak—senior Mark Narveson from Mankato, Minnesota, and juniors Jason Rathe from Maple Grove, Minnesota, and Mark Gonzales from La Habra, California.

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UNIVERSITY  
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# STAYING THE COURSE

*The Gopher women continue to make steady progress on and off the field as they climb up the Big Ten ranks*

University of Minnesota women athletes continued their climb up Big Ten ranks in 1992-93. Six of nine teams improved or maintained their conference standings, most notably outdoor track and field (from ninth to fourth) and basketball (from ninth to fifth).

Other highlights:

■ Women student-athletes earned 40 Big Ten academic honors.

■ Several women athletes earned national athletic recognition, including three juniors—diver Laurie Nelson, javelin thrower Heather Berlin, and basketball player Carol Ann Shudlick—and senior swimmer Laura Herman.

■ Minnesota hosted its third national competition in five years when the 1993 NCAA Division I women's swimming and diving championships came to the University Aquatic Center in March.

■ The Big Ten endorsed a gender equity mandate for a 60-40 male-female ratio in athletic participation by 1997. In a step toward that goal, the University of Minnesota is adding varsity soccer to the

Gopher women's athletic program this fall.

## Basketball

The Gophers posted their best record since 1984-85, finishing 14-12 overall and placing fifth in the Big Ten behind Final Four finishers Iowa and Ohio State. Minnesota beat three ranked teams in Williams Arena and set an attendance record when the Gophers played Indiana before more than 6,700 fans. The team won its first Big Ten road game in more than four years by defeating Michigan State and tied its longest conference winning streak with five consecutive wins in January.

Junior forward Carol Ann Shudlick from Apple Valley, Minnesota, was one of 35 players in the nation to be named a Kodak honorable mention all-American. Shudlick, who led the Big Ten in scoring and ranked eighth nationally with an average 22.6 points per game, was the Big Ten Player of the Week a conference-record three times.

Senior Stacy Carver added 10.4 points per game for the Gophers and set a school record for three-point goals in a game with nine, one shy of an NCAA

record. Carver's spot will be filled by freshman recruit Tonia Nelson from New London-Spicer, Minnesota.

Fourth-year coach Linda Hill-MacDonald was elected vice president of the Women's Basketball Coaches Association and led a team of Big Ten all-stars to Austria and Hungary this summer.

## Cross Country/ Track and Field

The Gopher cross-country team narrowly missed qualifying for nationals, posting fifth-place finishes at the Big Ten and regional meets. The team was led by senior transfer Susan Bliss, a four-time all-American, who qualified for nationals in both cross country and track in her final year. This fall, watch for Lori Townsend from Clarksboro, New Jersey, who was named top freshman last season, and junior Angie Abbott from Winona, Minnesota.

After a stint in the Big Ten basement in indoor track and field, Minnesota rebounded for its highest-ever finish, winding up one point out of third place at the outdoor championship meet. Minnesota scored 62 of its 79 points in the field events, led by freshman thrower Dani

BY KAREN ROACH

Parkos from Grand Forks, North Dakota; freshman triple jumper Lori Hardrick from Milwaukee; sophomore high jumper Coralea Brown from Alberta, Canada; and junior javelin thrower Heather Berlin from Liberal, Kansas. A 1992 transfer student, Berlin qualified for the NCAA championships, where she placed third with a school record throw of 181 feet, received her second all-American citation, and eventually earned a spot on the U.S. national team.

Ninth-year coach Gary Wilson attributes the turnaround in the track program in part to a positive attitude in the training room, inspired by trainer Karen Swanson. Minnesota is losing five seniors, but will have most of its jumping and throwing strength back in 1994.

### Golf

The Gophers fired a school record team score of 288 to open the 1993 season (the previous record of 291 was set in 1988). Led by senior Sara Evens and sophomore Stacey Kolb, both from Sioux Falls, South Dakota, the team finished third in the Big Ten, just one stroke shy of another school record.

Evens and Kolb were named to the all-regional team and competed at the NCAA championships, where Minnesota was represented for the first time since 1989. Evens, who posted a 78.42 spring stroke average, earned most valuable honors for the third time in her four years at Minnesota.

Second-year coach Kathy Williams has three top positions to fill in 1993 as she loses Evens, senior leader Kris Leighton, and Kolb, who is transferring. Watch for senior Jana Erdmann from Lewiston, Minnesota; juniors Jenny Kaiser from Richfield, Minnesota, and Amy Schmiesing from Spicer, Minnesota; and freshmen recruits Jenny Trendera from Owatonna, Minnesota, and Maureen Regan from Omaha, Nebraska.

### Volleyball

The volleyball team rallied to its best season since 1989 with a 25-12 overall and fourth-place 13-7 Big Ten ranking, tying a school record for conference wins. Minnesota was one of twenty teams selected to play in the National Invitational Volleyball Cham-

pionship, where the team advanced to tournament semifinals and tied for third. Senior Krista Nevelle from Richland, Michigan, was named to the all-Midwest region second team and all-Big Ten second team.

Twelfth-year coach Stephanie Schleuder loses three starters in 1993, but has signed five "big kids": Katrien DeDecker from Bredene, Belgium; Tara Fiamengo from Long Beach, California; Jamie McKibbin from Hibbing, Minnesota; Sarah Pearman, Metro Player of the Year from Apple Valley, Minnesota; and Conya Wakefield from Las Vegas. Senior cocaptain Sue Jackson from Kalamazoo, Michigan, will return for her fourth season as starting setter for the Gophers.

### Gymnastics

Gopher gymnasts set six school records in 1992-93, including team score (190.35), team score average (186.21), balance beam (47.95), balance beam average (46.50), floor exercise (48.15), and floor exercise average (47.46).

First-year coach Jim Stephenson, who helped coach Utah to two national championships, led the Gopher gymnasts to a sixth-place Big Ten finish. Junior Lori Kindler from Lake Elmo, Minnesota, turned in Minnesota's top individual showing, scoring a career-best 9.775 and tying for fourth in the floor exercise.

The team was led by freshman Susan Castner from Worthington, Ohio, who finished ninth all-around at the Big Ten championships with 37.775 points. As first alternate, she was a replacement competitor in the NCAA regional championship, continuing Minnesota's streak of having at least one regional qualifier since 1982.

The team loses three senior leaders, but watch for freshmen recruits Jonda Hammons of Lodi, California, Lacey Purkat from Annandale, Virginia, Stephanie Polly from Lincoln, Nebraska, and Kristen Vandersall from Plymouth, Minnesota.

### VOLLEYBALL

Sue Jackson  
Senior  
Kalamazoo, Michigan

- Tricaptain
- Best Defense Award 1992
- 1990 Gopher Freshman of the Year
- Made four all-tournament teams
- Missed only one match in first three years



### Softball

Gopher softball season highlights included beating ranked teams Iowa and Long Beach (California) and winning seventeen of eighteen games in

April. Playing with a newly approved optic yellow ball that promised more offensive play, the team moved up one notch for a third-place Big Ten and 32-24 overall finish.

Several seniors made their mark on

Gopher softball history. Infielder Lezlie Weiss from Forest Lake, Minnesota, became the Big Ten's all-time leader with a career 259 hits. A 1992 all-American, Weiss is the only Gopher to record four seasons with more than 50 hits. Mischel

Doerr from Eugene, Oregon, moved into second place with 203 career hits. Doerr had nineteen stolen bases to lead the team for a fourth consecutive year and 81 career stolen bases, more than any Gopher in history. Pitcher Sarah

#### OUTDOOR TRACK AND FIELD

Heather Berlin  
Senior  
Liberal, Kansas

- Two-time all-American javelin thrower
- 1992-93 Big Ten all-academic
- 1993 Big Ten javelin champion and record holder
- Member, 1993 U.S. women's track and field team
- 1993 World University Games
- 1993 U.S. Olympic Festival
- 1993 team most valuable player



Maschka finished third on Minnesota's career list with 41 victories, including twenty shutouts and a record-tying five consecutive shutouts in her senior year. Catcher Lisa Sojka from Frankfort, Illinois, caught every pitch of every game for Minnesota in 1993, and all but two innings in 1992.

Second-year coach Lisa Bernstein's team loses eight players, but she hopes to rebound with help from junior infielder Kiki Romero from Alta Loma, California, sophomore pitcher Jennifer Johnson from Diamond Bar, California, and red-shirted freshman catcher Ann Bartholmey from Austin, Minnesota.

#### Soccer

Minnesota is jumping on the Big Ten bandwagon and adding women's soccer as a varsity sport. (Wiscon-

sin and Michigan State already have teams; Minnesota, Ohio State, and Indiana will add the sport in 1993, followed by Michigan and Iowa in 1994.) Minnesota has signed coach Sue Montagne, a four-year starter at the University of Massachusetts and coach at Colorado College, to launch the Gopher team.

At spring 1993 tryouts, Montagne said she was impressed by the sheer athleticism of signed Minnesota recruits Jennifer Walek from North St. Paul, Erin Hussey from Wayzata, Jami Philip from Little Canada, and Teresa O'Hearn from Champlin.

#### Tennis

The Gophers repeated their seventh-place Big Ten finish, posting a 12-13 overall and a 5-9 Big Ten record. Fourth-year coach Martin Novak was

delighted with the steady improvement of sophomores Susan Culik from Chapin, South Carolina, who finished with a team-high twenty wins in the number one singles position, and Shanna Johnson from Bloomington, Minnesota, who was 10-3 in Big Ten play in the team's number three singles spot. Named the team's most valuable and most improved player, Johnson posted a twelve-match winning streak, the second-longest in school history. The freshman doubles team of Dana Peterson from Apple Valley, Minnesota, and Karin Erlandsson of Mölndal, Sweden, tied a ten-year school record with twelve consecutive wins. Erlandsson was 17-7 as the team's number two singles player.

In 1993-94, watch for leadership from senior captain Jennifer Marques from Laguna Hills, California, and immediate



## Women's Athletics

UNIVERSITY OF MINNESOTA

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Minneapolis, MN 55455

For results and updates, call the

**Pepsi Gopher Sports Hotline** 24 hours-a-day

**626-STAT (7828)**



## University of Minnesota

# 1993 Home Volleyball Schedule

Sept. 17	Fri.	.....	Minnesota Classic	
			Brigham Young	.....8 p.m.
Sept. 18	Sat.	.....	Minnesota Classic	
			Illinois State	.....2 p.m.
			George Washington	.....8 p.m.
Oct. 1	Fri.	.....	Michigan State	.....7:30 p.m.
Oct. 2	Sat.	.....	Michigan	.....7:30 p.m.
Oct. 6	Wed.	.....	Iowa	.....7:30 p.m.
Oct. 8	Fri.	.....	Illinois	.....7:30 p.m.
Oct. 22	Fri.	.....	Purdue	.....7:30 p.m.
Oct. 23	Sat.	.....	Indiana	.....7:30 p.m.
Nov. 12	Fri.	.....	Northwestern	.....7:30 p.m.
Nov. 13	Sat.	.....	Wisconsin	.....7:30 p.m.
Nov. 26	Fri.	.....	Ohio State	.....7:30 p.m.
Nov. 27	Sat.	.....	Penn State	.....7:30 p.m.

All matches are played at Williams Arena,  
University Ave. SE, U of M Campus, Minneapolis



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## University of Minnesota 1993 Home Soccer Schedule

*Join us in our inaugural year!*

Sept. 4	Sat.	.....	Creighton	.....2 p.m.
Sept. 7	Tues.	.....	Macalester	.....4 p.m.
Sept. 18	Sat.	.....	Valparaiso	.....4 p.m.
Sept. 19	Sun.	.....	Indiana	.....3 p.m.
Oct. 10	Sun.	.....	St. Thomas	.....1 p.m.
Oct. 16	Sat.	.....	Ohio State	.....1 p.m.
Oct. 18	Mon.	.....	St. Benedict	.....3 p.m.

All games are played at the Bierman Track and Field Stadium,  
515-15th Ave. SE, U of M Campus, Minneapolis

impact from freshmen recruits Tiffany Gates from Grandville, Michigan, and April Street from Baton Rouge, Louisiana.

### Swimming and Diving

Minnesota received rave reviews as hosts of the NCAA women's swimming and diving championships in March. Twentieth-year head coach Jean Freeman and her team finished 21st nationally and 6th in the Big Ten.

Junior diver Laurie Nelson from Eto-

bicoke, Ontario, Canada, earned 33 of the Gophers' 39 points by placing in all three diving events at nationals, including a third-place finish in the 1-meter with 428 points, a Minnesota school record. Nelson received two all-American and one honorable mention all-American honors and was named Big Ten Diver of the Year. Fifth-year men's and women's diving coach Doug Shaffer was Diving Coach of the Year.

Senior freestyler Laura Herman earned her first honorable mention all-American honor at nationals in an indi-

vidual event. The team's biggest surprise was freshman Leslie Wilcox from Excelsior, Minnesota, who shattered Minnesota's school record with her 2:16.37 third-place Big Ten finish in the 200-yard breaststroke.

Freshman recruits include diver Andrea Berg from Issaquah, Washington; butterflyer Jessica Graf of Knoxville, Tennessee; sprint freestyler Suzie Helvig from Mandan, North Dakota; freestyler Alicia Hicken from Campbellville, Ontario; and butterflyer Tanya Schubert from Lake Elmo, Minnesota.

#### SWIMMING AND DIVING

Laurie Nelson  
Senior  
Etobicoke, Ontario,  
Canada

- 1992-93 Big Ten Diver of the Year
- 1992-93 Big Ten champion (3-meter, 10-meter platform)
- Five-time all-American
- Set two varsity records (3-meter, platform diving)
- 1992-93 NCAA academic all-American
- 1991 Big Ten 1-meter diving champion



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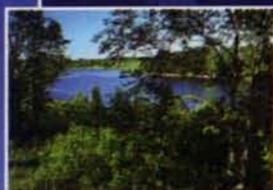
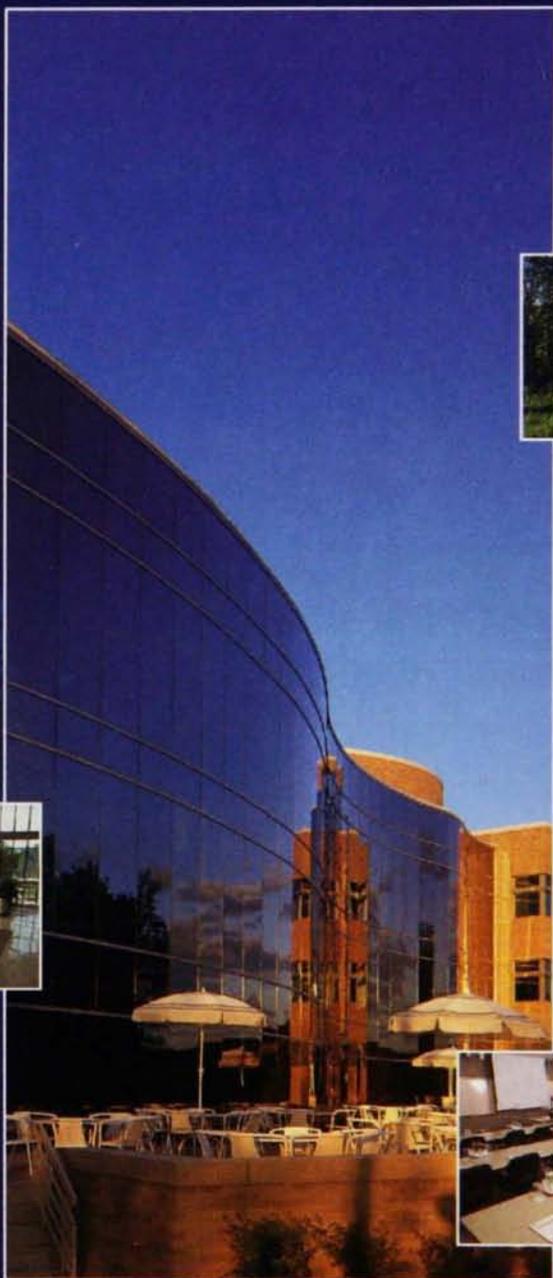
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# CAMPUS • DIGEST

*A compendium of news from around the University—  
research, promotions, program developments, faculty honors*

by Teresa Scalzo and Katie Gundvaldson

## ▶ THE UNIVERSITY CHILD CARE CENTER

**A**t first glance, the University Child Care Center on Rollins Avenue looks like any other red brick building on the Twin Cities campus. But on closer examination, the playfulness and charm of this year-old facility become clear. It has several unique characteristics—inside and out.

**Setting the Stage:** When administrators decided to continue the University's on-site child care program, Patricia Finstad, who has managed the child care center for eleven years, explored either renovating an old building on campus or building a new one. The cost to refurbish a building was prohibitive because of strict building codes for child care centers, so the University hired architect Peter Kramer of the Minneapolis firm Roark Kramer Roscoe Design to create a new building.

**Our Town:** Kramer and Finstad imagined the facility as a group of small houses. The building is actually five "double bungalows" and an administrative wing that surround a center courtyard. The red bungalow on Infant Lane serves 18 infants. Two green bungalows on the building's south side—Toddler Boulevard—house 54 children. And the two blue bungalows on Preschool Parkway can accommodate 68 children.

**Play Castles, Picket Fences,**



**and Porches:** To make the exterior less institutional, Kramer added four "play castles"—triangle-shaped rooms that jut out from the bungalows and are stuccoed in subdued hues of red, green, blue, and yellow. Each age group has its own play yard, which is separated from the others with cheery white picket fences. The bungalows also have porches that open to a mud room so children don't track in dirt.

**Peekaboo, Magic Gates, and the Comforts of Home:** Playful features that maximize health, safety, and privacy include multishaped windows that make it easy to see the children when they're outdoors. Each bungalow boasts a foyer, two classrooms, an office, see-through "magic gates" of Plexiglas, ceramic tile bathrooms appropriately sized for each age group, and sinks operated by stepping on a button on the floor.

**Beyond Stucco, Glass, and Brick:** In the middle of the courtyard are twelve cement pillars that function as a sundial, but also "represent the circle of life and the connectiveness of people working together," says Finstad. Kramer donated a steel sculpture of Day Care Annie, the center's logo, for the courtyard. Annie is a child with a smiley face who is holding on to the sun—a symbol of life and rebirth.

**Who Can Play:** The non-profit center accepts children of University faculty, staff, and students, and Minnesota state employees. It has a sliding fee scale. Currently, there is no waiting list for toddlers and preschoolers, who can begin the program within two to four weeks. Infants can be admitted within one to two months.

## ▶ EDITORS' PICK

**F**or more than a quarter century, Harriet and Vetta Goldstein taught more than 30,000 University of Minnesota students how to discover the art in their everyday lives. Harriet, an art instructor, and her sister had been invited to join the home economics department by then head Josephine Berry.

This fall the Goldstein Gallery, named in their honor, will install its 100th exhibition as the renamed Goldstein Design Museum and launch a year of celebrations paying tribute to the Goldsteins and the Friends of the Goldstein Gallery. Naturally, the organizers have turned to former students to share their memories and anecdotes of the Goldsteins and their impact on the discovery of taken-for-granted art forms. The exhibition opens during Homecoming week on October 23. For hours and other information,

or to relay your anecdote, call 612-624-3294.



Detail from crazy quilt, 1885-1890, Goldstein Gallery

## VITAE: TED MANN CONCERT HALL

**WHAT:** The School of Music's long-awaited Ted Mann Concert Hall, a state-of-the-art performance center with European flair. Its shoe-box design seats up to 1,250. Tiered seating on the main floor and removable chairs in both balconies give patrons a more intimate setting and a close view of performers. The lobby's stunning glass wall offers a view of the Mississippi River. The hall also contains rehearsal rooms, scene shops, dressing rooms, and offices.

**WHERE:** The formal address of the Ted Mann Concert Hall is 2106 Fourth Street South. But in terms of landmarks, you will find the West Bank's newest addition nestled between the mighty Mississippi and Ferguson Hall.

**WHEN:** Ribbon cutting and a dedication concert, planned by Roberta Mann-Benson and alumnus Mary Steinke, took place May 1, but the official grand opening is scheduled for October 9-18 and will include the St. Paul Chamber Orchestra, the



### Ted Mann Concert Hall

Dale Warland Singers, and a variety of shows by the University's many choirs, bands, and orchestras.

**WHY:** This concert hall helps make the School of Music complete. In 1985 Ferguson Hall offered new classrooms and offices, but funding cutbacks forced the shelving of performance center plans. Today students as well as the University Orchestra, Opera Theatre, and many ensembles who relied on outdated facilities at Scott Hall finally have a new laboratory in which to practice and perform.

**HOW:** Funding for the concert hall was a ten-year effort, and the final goal

was achieved because of the hard work and generosity of many supporters. Ted Mann, a former Minnesota resident, theatre owner, and movie producer—for whom the hall is named—donated \$2 million, which helped secure legislative funding for the project.

## THAT WAS THEN/THIS IS NOW: ECOLOGY BUILDING

Many people have heard—or seen for themselves—the legend of the building from hell that once housed the Department of Ecology, Evolution, and Behavior (EEB). EEB joyfully gave up its lease at the Zoology Building this year and headed east for brand-new living quarters. We compared the old and new facilities.

**THEN:** The Zoology Building, located on the corner of Church Street and Washington Avenue in Minneapolis, had been home to EEB since 1975. Faulty and aged utility systems made the building a natural enemy of energy conservation and kept it frigid in the winter and sweltering in the summer. The building itself wasn't inconveniently located, but the location of the department in this building was. EEB is part of the College of Biological Sciences, which is headquartered on the St. Paul campus.

**NOW:** Today, EEB is at home in the Ecology Building—the first of its kind in the country—located at the former site of the old Palmer classroom building on the St. Paul campus. The building was dedicated on April 21. Surrounded by similar sciences and its parent college, EEB now has a better change to collaborate with other disciplines. The Ecology Building is connected to Gortner Lab, Borlaug Hall, and McNeal Hall, homes of biochemistry, agronomy, and human ecology, respectively. Department members will also have easier contact with the entomology, fisheries and wildlife, food science and nutrition, and animal science departments.

EEB didn't make the move alone; researchers from the James



### Ecology Building

Ford Bell Museum of Natural History also moved to the new building, bringing with them their fascinating collections of birds, fish, mammals, reptiles, amphibians, and invertebrates from around the world.

The building, heralded as one of the most energy-efficient on campus, has state-of-the-art lighting and ventilation systems. Trees, plants, shrubs, and flowers native to Minnesota are planted outside. The 100,000 square feet of space includes 20,000 square feet for laboratories, a large rooftop greenhouse, an aquarium room, and a modern computer lab.

The Zoology Building is scheduled for demolition this fall.

We asked students to name their favorite building on the Twin Cities Campus.



**Kavita Jeerage,**  
19, freshman in biomedical engineering. Hometown: New Brighton, Minnesota  
Northrop Auditorium. I like having a cultural center on campus.



**Caryl Powers,**  
29, junior in speech communication. Hometown: Blaine, Minnesota  
The student union on the St. Paul campus because it's quieter than the student union on the Minneapolis campus. It's a little bit cleaner. It has a small-town feel.



**Ian Munar,**  
19, undecided major, Hometown: Manila, Philippines  
Probably Coffman Memorial Union because I'm a com-

muter and there are nice couches in there. Most of my friends are also commuters, and we meet in Coffman and just hang out. It's nice to be there.



**Melanie Hanson,**  
19, undecided major. Hometown: Wayzata, Minnesota  
The new art museum. I've never seen anything like it and it provokes people. They either love it or they hate it.



**Titi Masha,**  
17, freshman in aerospace and mechanical engineering. Hometown: Lagos, Nigeria  
The Civil and Mineral Engineering Building—just the fact that they could build a building seven stories underground.



**Yis Vang,**  
22, senior in design communications. Hometown: Laos  
I like the new art museum. It looks interesting, and it's different. Although it doesn't really have anything to do with all the other buildings [on campus], it sort of plays with the environment, especially [the side] facing the river. And the stainless steel facade is really cool at sunset.

**Michael Andretti,**  
23, sophomore in psychology. Hometown: San Salvador, El Salvador  
(not pictured)  
I like Northrop particularly because of the inscription on it.\* I feel like I'm a part of the University when I look up there and I see why it was founded. And it's a very beautiful building architecturally. Also, I like the art museum. It is very controversial. I like things that are a little deviant.

*\*The University of Minnesota / Founded in the Faith that Men are Ennobled by Understanding / Dedicated to the Advancement of Learning and the Search for Truth / Devoted to the Instruction of Youth and the Welfare of the State.*



**Darivone Manikhong,**  
19, freshman in international marketing. Hometown: Laos  
Coffman Memorial Union because it's really comfortable there, and you can always find a place to have fun or relax [or] find a quiet corner to study. It has pretty much everything I need. It's in a good location because it's [close to] a lot of places.



**Astrid Dalan,**  
29, junior in photojournalism and video documentary. Hometown: Oslo, Norway  
The building that I noticed when I first came here was the Armory. It looks like a medieval castle in the middle of the University of Minnesota campus. I thought, "Where in the world did they get the idea for that kind of architecture here?" It's a building that I didn't expect to see [in Minnesota].

About 1,800 people per day have been using the new University Recreation Center since it opened last March—even though spring and summer are typically the slowest time of the year.

It's easy to see why.

The new center challenges old perceptions of what a university gym might look like. In place of a dingy, grubby weight room filled with overstuffed jocks, the new building features a four-story glass-enclosed atrium. According to Jim Turman, director of recreational sports on the Twin Cities campus, the vertical design is unique among university sports centers.

On the **lower level** of the rec center is the Laboratory of Physiological Hygiene and Exercise, which opened a year ago with a \$10.5 million grant from the National Institutes of Health to study the effects of exercise on health. Also on this level are men's and women's locker rooms complete with steam rooms and sauna, more than 3,000 lockers (4,500 more are on order), and tunnels to Mariucci and Williams arenas, Cooke Hall, and the Fieldhouse. A lounge offers pay phones, a fax machine, and—every student's best friend—an automatic teller machine.

The **ground level** houses five international squash courts and sixteen handball/racquetball courts—two of which can be



#### University Recreation Center

converted to squash courts for tournaments. The courts are all enclosed; a referee can speak on a public address system to players in one

court without disturbing others. Also on this level are one of two 5,000-square-foot fitness centers, a pro shop, and a delicatessen.

The second fitness center is on the **mezzanine level**. Both centers have the same equipment and each can accommodate 100 people. The state-of-the-art exercise equipment includes four stationary bikes with video screens. If you go with a friend, the bikes can be set up to simulate a race. Private rooms are available for consultations with fitness experts and—if you're brave enough—having your body fat analyzed.

The **third level** has two gymnasiums for volleyball and basketball, and the **fourth level** houses all the mechanical systems for the

recreation center and the University Aquatic Center, which is connected.

Other amenities: fourteen television sets that can broadcast sports events or special programming, lounge space on each level, air-conditioning, easy access for disabled people. The facilities are free to students who have paid the student services fee. Faculty and staff pay a "gym privilege fee" of \$180 per year.

### GOPHER FACT FILE: MARIUCCI ARENA

**BUILT:** Construction of the new Mariucci Arena began in April 1992 and was completed in August 1993. The original arena, the first indoor hockey rink on campus, was finished in 1950.

**LOCATION:** Fans will find the new arena on Fourth Street, across the street from Williams Arena.

**SIZE:** The arena can hold up to 9,600 fans—8,500 in seats and an additional 1,100 standing—compared to 6,500 in the former facility.

**COST:** \$20 million.

**FIRST GAME PLAYED:** A special alumni "legends" hockey game featuring former Gopher greats, including all-Americans, Olympians, and those who went on to play professionally. During pregame ceremonies, banners honoring NCAA and WCHA championship years were unveiled by the captains of the championship teams.

**FEATURES:** A portion of the east end of the lobby is constructed of bricks from the now demolished Memorial Stadium, and a display case in the lobby is dedicated to John Mariucci—the building's namesake—to honor the mark he made on Minnesota hockey. An Olympic-sized ice rink measuring 200 by 100 feet will benefit the Gophers' freewheeling style of



#### Mariucci Arena

play. Fans will enjoy the open-bowl seating and some of the best sightlines available on any campus in the country.

**FUNDING:** Norm Green, owner of the former Minnesota North Stars hockey team, pledged \$1 million in proceeds from Gopher games to be played at Met Stadium. When Green departed for

Texas, Target Center agreed to let the Gophers play there under similar arrangements. Most of the funds for the facilities have come from many donors, including people like Jim Johnson, who graduated from the School of Management in 1969 and earned an M.B.A. in 1971. He has dedicated his contribution to the memory of his father, Russell H. (Bucky) Johnson, who lettered in baseball and hockey in the early 1930s. The elder Johnson earned a bachelor of science degree in 1934 and a master's degree in education in 1947 and was an avid supporter of Gopher hockey throughout his life; he died in 1988. Jim Johnson's employer, General Mills, matched his donation.

**SEASON:** The 1993-94 Gopher hockey season will begin October 15, 1993, when the team plays in the Hockey Hall of Fame game against Michigan Tech.

**R**ecycling sometimes works for buildings, too. In 1990, the Board of Regents approved funding for the renovation and remodeling of Williams and Mariucci arenas on the Minneapolis campus to update the home of men's basketball and to make a home for women's athletics.

Williams Arena, which has been called the Wrigley Field of college basketball and one of the toughest arenas for an opponent to play in, was far from dilapidated. Built in 1928 of more than 3,000 tons of steel and nearly 3.5 million

bricks, the structure was sturdy, but little work had been done inside for more than 40 years. In 1950

**Williams  
Arena  
and the  
Sports  
Pavilion**

the facility—then known as the Athletic Field House—underwent a \$950,000 remodeling effort that expanded the basketball court and added the first on-campus indoor hockey rink. At the building's rededication that year, it was renamed Williams Arena in honor of former head football coach Henry Williams.

Features of the "new" Williams include a six-story addition with new weight and locker rooms and a 40 percent increase in the size of the concourse. To add to its reputation as a "tough arena," all student season ticket holders will sit in one section behind the basket on the lower level.

The first game scheduled in the remodeled facility is a preseason National Invitational Tournament game in mid-November. Fans will

remember that the Gophers won the 1992-93 postseason NIT title at Madison Square Garden by defeating the Georgetown Hoyas 62-61.

For more information on tickets and scheduling call 800-U-GOPHER.

#### SPORTS PAVILION

**T**he old Mariucci Arena, which made up half of Williams Arena, is converting nicely into the Sports Pavilion. The Gopher hockey team has headed to its new home across the street, and the University's women athletes finally have a home to call their own.

For years Williams hosted events—women's basketball and volleyball, men's wrestling, and men's and women's gymnastics—in addition to men's basketball. Squeezing in all of those

events made scheduling a sticky situation. Adding to the women's frustrations was the sometimes overwhelming size of Williams.

The Sports Pavilion will change all of that. Now women athletes won't have to worry about scheduling conflicts, and with a capacity of almost 6,000, the pavilion creates a more intimate atmosphere, which will provide a much greater home-court advantage.

Pavilion features include new training and locker rooms, ample practice and competition space, and a new lobby on the west end of the building.

Completion of the Sports Pavilion is scheduled for January 1, 1994. An opening event is expected to take place during the first few months of the new year.



## Artists Aiding Artists

Master of Fine Arts student Eric Skoglund teaches drawing and pursues his own artistic interests, ranging from performance work to sculptural paintings. His most recent art combines experiences traveling in the Dominican Republic and Guatemala with documentation of human rights violations. The resulting commemorative pieces, made primarily of discarded materials with acrylic, gouache, india ink, and oil, are evocative of certain Latin American folk art.



Joseph Brown, Eric Skoglund, and Warren and Nancy MacKenzie

A recipient of the Brown-MacKenzie Scholarship, Skoglund hopes to teach in Latin America after he graduates this fall. The scholarship brings him closer to that dream by reducing his loans and thus increasing career options.

The main contributors to the scholarship are three artists—Warren MacKenzie, Regents' Professor Emeritus of Studio Arts and internationally recognized master potter; Nancy MacKenzie, who recently retired to devote more

time to fiber art; and Joseph Brown, potter, lawyer, gallery owner, and real-estate investor. The three recognize the importance of artists helping artists and the value of an endowment that provides scholarships for many years.

"For the passion for learning and creating to be successfully achieved, it must be nurtured and encouraged by students, teachers, and members of the community who value this passion," says Brown. "Hopefully, by receiving this scholarship, students can

foster that passion to learn and create."

*You can join increasing numbers of donors, like the MacKenzies and Joseph Brown, who are becoming partners in scholarship with the University. Your support is important to help make the University a great school and extraordinary resource that touches many lives. Call the University Foundation at 612-624-3333 or 1-800-775-2187 for further information about giving opportunities.*

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UNIVERSITY OF MINNESOTA  
ALUMNI ASSOCIATION

# 1993-94 U of M Fall Preview Calendar

Throughout the year the University of Minnesota hosts a variety of adventures in music, dance, theater, sports, and learning. Use our calendar as a reference to what's happening on the Twin Cities campus. We've included a list of important phone numbers and addresses.

## WHERE TO GO: MINNEAPOLIS CAMPUS

James Ford Bell Museum of Natural History  
10 Church Street SE  
University Avenue and 17th Street SE  
612-624-1852

Coffman Memorial Union  
300 Washington Avenue SE  
612-625-4177

Health Sciences Bookstore  
Moos Tower  
515 Delaware Street SE  
612-625-8600

Hubert H. Humphrey Institute  
of Public Affairs  
301 19th Avenue S  
612-625-9505

Minnesota Book Center  
Williamson Hall  
231 Pillsbury Drive SE  
612-625-6000

Northrop Memorial Auditorium  
84 Church Street SE  
612-624-2345 (ticket office)

Rarig Center  
330 21st Avenue S  
612-625-4001

Harold D. Smith Bookstore  
Blegen Hall  
259 19th Avenue S  
612-625-3000

University of Minnesota Alumni Association  
501 Coffman Memorial Union  
300 Washington Avenue SE  
612-624-2323

Walter Library  
117 Pleasant Street SE  
612-624-3336

Frederick R. Weisman Art Museum  
333 East River Road  
612-625-9494

West Bank Union  
219 19th Avenue S  
612-624-5200

O. Meredith Wilson Library  
309 19th Avenue S  
612-624-2882

## WHERE TO GO: ST. PAUL CAMPUS

Books Underground  
St. Paul Campus Student Center  
2017 Buford Avenue  
612-624-9200

Earle Brown Continuing Education Center  
1890 Buford Avenue  
612-624-3275

Hubert Raptor Center  
1900 Fitch Avenue  
612-624-4745

Gladstein Gallery

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241 McNeal Hall  
1985 Buford Avenue  
612-624-9700

Paul Whitney Larson Gallery  
St. Paul Campus Student Center  
2017 Buford Avenue  
612-625-0214

St. Paul Campus Library  
1984 Buford Avenue  
612-624-2233

North Hall Theatre  
2005 Buford Avenue  
612-624-7458

Worldspan: A Center for Global Perspective  
St. Paul Campus Student Center  
2017 Buford Avenue  
612-624-3742

## ELSEWHERE

MacPhail Center for the Arts  
1128 LaSalle Avenue, Minneapolis  
612-627-4020

Minnesota Landscape Arboretum  
3675 Arboretum Drive, Chanhassen  
612-443-2460

## SPORTS FACILITIES

Aquatic Center  
Swimming, diving  
1910 University Avenue SE  
Minneapolis campus  
612-626-1352

University Recreation Center  
1900 University Avenue SE  
Minneapolis campus  
612-625-6800

Bierman Field and Athletic Complex  
Softball, baseball, outdoor track and field  
516 15th Avenue SE  
Minneapolis campus

Les Bolstad Golf Course  
Golf, cross-country  
Fulham Street and Larpentour Avenue W  
St. Paul, near campus  
612-627-4000

Hubert H. Humphrey Metrodome  
Football  
Chicago Avenue and Fourth Street  
Minneapolis

Mariucci Arena  
Hockey  
Fourth and Oak Streets  
Minneapolis campus

612-625-6648

Williams Arena  
Basketball, gymnastics, volleyball  
1925 University Avenue SE  
Minneapolis campus  
612-626-0896

Sports Pavilion  
Women's basketball, gymnastics  
1925 University Avenue SE  
Minneapolis campus

University Field House  
Indoor track and field  
1800 University Avenue SE  
Minneapolis campus

## WHERE TO PARK ON THE MINNEAPOLIS CAMPUS

### PUBLIC PARKING

Church Street Garage  
80 Church Street SE  
East River Road Ramp  
355 E River Road  
Fourth Street Ramp  
Fourth Street and 17th Avenue SE

Harvard Street Ramp  
216 Harvard Street SE  
Hospital Parking Ramp  
601 Delaware Street SE

Oak Street Ramp  
401 Oak Street SE  
West Bank Ramp  
400 21st Avenue S

Art Museum Garage  
333 East River Road

### EVENING-ONLY PARKING

Coffman Memorial Union  
300 Washington Avenue SE  
Mayo Memorial Building  
420 Delaware Street SE  
Nolte Center for Continuing Education  
315 Pillsbury Drive SE

# North Words

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## THE GREAT JERUSALEM ARTICHOKE CIRCUS

*The Buying and Selling of the Rural  
American Dream*

Joseph A. Amato

Foreword by Paul Gruchow

In 1981, American Energy Farming Systems of Marshall, Minnesota began to sell and distribute what it deemed a "providential plant" destined to be a new and saving crop—the Jerusalem Artichoke. This volume recounts this story of the bizarre intersection of evangelical Christianity, a mythical belief in the powers of a new crop, and the depression of the U.S. farm economy in the 1980s. "As compelling as a good novel." *David Noble, University of Minnesota*

PAPERBACK ~~\$16.95~~ \$13.56

## ORCHIDS OF MINNESOTA

Welby R. Smith, MN Dept. of Natural Resources

Illustrated by Vera Ming Wong

The first and only fully illustrated field guide to the orchids of Minnesota. Includes a section on the biology of orchids (anatomy, physiology, ecology, and geographical distribution), a key to the orchid genera and a description of each of the 43 orchid species native to Minnesota. Each species is accompanied by a detailed line drawing, a North American range map, and a Minnesota county distribution map.

HARDCOVER ~~\$24.95~~ \$19.96

## PORTAGE LAKE

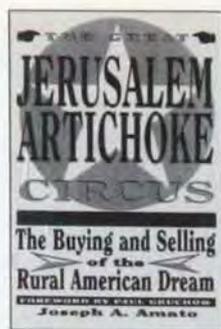
*Memories of an Ojibwe Childhood*

Maude Kegg

Edited and Transcribed by John D. Nichols

A Minnesota Anishinaabe elder of the Mille Lacs Reservation reminisces about her childhood. Building birchbark and reedmat wigwams, boiling maple sap into syrup and harvesting wild rice are related in lyric detail. These stories of traditional Ojibwe life appear in English translation on facing pages with the original Ojibwe text.

PAPERBACK ~~\$16.95~~ \$13.56



## INHERITING THE LAND

*Contemporary Voices from the Midwest*

Mark Vinz and Thom Tamaro, editors

"[This] splendid book collects work by Bill Holm, Leo Dangel, Phil Dacey, Frederick Manfred, Howard Mohr... along with Robert Bly, Herbert Scott, Roland Flint, William Stafford, Garrison Keillor and the equally fine—sometimes astonishingly fine—voices of other Midwestern writers who may be less well known. . . .

The poems, stories, and essays in *Inheriting the Land* are all wonderfully readable." *Minneapolis Star Tribune*

PAPER ~~\$17.95~~ \$14.36

## MINNEAPOLIS-ST. PAUL

*People, Place and Public Life*

John S. Adams and Barbara J. VanDrasek

"Geology, climate, biology, settlement history, sociology, economics, and politics. This amazing book covers all these and more about the place and how it became the Twin Cities of today. Must reading for those who wish to understand where, who, and what we are and why." *Donald M. Fraser, Mayor of Minneapolis*

HARDCOVER ~~\$24.95~~ \$19.96

## A PAINTED HERBARIUM

*The Life and Art of Emily Hitchcock Terry (1838-1921)*

Beatrice Scheer Smith

This exquisite book combines the earliest known illustrations of the flora of Minnesota with the compelling story of a pioneer botanist and artist. Includes 46 color plates.

HARDCOVER ~~\$34.95~~ \$27.96

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1-976-0200

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612-624-0000

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645-6060

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Administration, 612-624-4520

Carlson School of Management  
M.B.A. program, 612-624-0006

Northrop Ticket Office  
612-624-2345

Parking  
612-626-PARK

St. Paul Campus Student Center  
612-625-9794

University Film Society  
612-627-4430

University of Minnesota Alumni Association  
612-624-2323, 800-UM-ALUMS

University of Minnesota Foundation  
612-624-3333

University of Minnesota Hospital and Clinic  
Information, 612-626-3000

Escort Service, 612-626-4005

University Relations  
612-624-6868

## TWIN CITIES CAMPUS

### 1993-94 ACADEMIC CALENDAR

**Fall quarter**, September 23-December 11.  
**Winter quarter**, January 3-March 19.  
**Spring quarter**, March 28-June 11.  
**Summer Session I**, June 13-July 19.  
**Summer Session II**, July 21-August 24.

## SPECIAL EVENTS

**Thank "U" Community Food Drive, Fall 1993**  
Nonperishable food items will be collected during the fall quarter and at the November 13 home football game against Michigan.

**Raptor Center Bird Release**  
September 26, noon to 3:00 p.m., Fort Snelling State Park.

## CLA "Directions" Luncheon Lecture Series

September 29, November 17, and January 26, noon to 1:00 p.m., 50th floor, IDS Tower. "Self-Management of Behavior in the Work Place," "Public Relations and Corporate Communications," and "I'd Rather Die Than Make a Public Speech." Contact the College of Liberal Arts at 612-624-2020 for more information.

## Grace University Lutheran Church 90th Anniversary and Reunion

October 2-3, October 2, 7:00 p.m., informal reunion, Harvard and Delaware Streets SE; October 3, 10:00 a.m., special service followed by a luncheon and program at the Radisson Hotel Metrodome. For more information, call 612-331-8125.

## Ted Mann Concert Hall Grand Opening

October 9, 8:00 p.m. University Symphonic band, Wind Ensemble, Jazz Ensemble, Jazz Singers, Concert Choir, and Chamber Singers.

## "Public Health Nursing Leadership Responds to the Epidemics of the 21st Century"

October 10-12, Radisson Metrodome Hotel. A national conference for alumni and leaders in public health nursing in celebration of the 75th anniversary of the Public Health Nursing Program. Call 612-625-5059.

## Third Annual Robert J. Gorlin Conference on Dysmorphology

October 16 and 17, Radisson Metrodome Hotel. This year's topic is "Craniofacies and the Ear." Call Carol Church at 612-625-6131.

## Career Fair

October 20, noon to 4:00 p.m., St. Paul Student Center, sponsored by the College of Biological Sciences.

## Art in Everyday Life: The Legacy of Harriet and Vetta Goldstein

October 24, public opening 2:00 to 4:00 p.m., lecture 3:00 p.m., Goldstein Gallery. Honoring its namesakes, this 100th exhibition in the Goldstein Gallery will highlight the concepts, still relevant today, that the Goldsteins shared with more than 30,000 students for more than a quarter century. Runs through January 30. For more information, call 612-624-7434.

## School of Dentistry Careers Day

November 13, 9:00 a.m. to noon, 2-650 Moos Tower. Careers in dentistry and dental hygiene.

## Frederick R. Weisman Art Museum Opening

November 21, public open house, 11:00 a.m. to 6:00 p.m. Call 612-624-9876.

## National Conference on the Design of New Museums

December 10-12, Frederick R. Weisman Art Museum. Artists and architects from across the country will participate in this event in conjunction with the opening of the museum. Free and open to the public.

## "Children of the Storm: Children and Neglecting Families"

April 15, Cowles Auditorium, Humphrey Center. A day-long workshop sponsored by the Center for Advanced Child Welfare Studies of the School of Social Work.

## CAMPUS KICKOFF

Formerly known as Welcome Week, Campus Kickoff is organized through the New Student Programs office to involve new students in the Twin Cities campus community during

the first week of fall quarter. Events are free and open to everyone.

## Outdoor Movie Night

September 23, 7:30 to 10 p.m., St. Paul Student Center.

## Paint the Bridge

September 23-24, 9:00 a.m. to 3:00 p.m., Washington Avenue Bridge.

## Music Fest

September 24, 7:00 to 10:00 p.m., St. Paul Student Center plaza. Local bands; sponsored by WMMR radio.

## Movie Night

September 24, 7:30 to 10:00 p.m., grassy area between Studio Arts building and Willey Hall, West Bank.

## Super Block Party

September 25, 10:00 a.m. to 10:00 p.m., Centennial, Territorial, Frontier, and Pioneer Hall mall area. Free food, live music, volleyball, basketball, and lots of games and prizes.

## Community Service Day

September 27, 10:00 a.m. to 2:00 p.m., Williamson Hall plaza. Receive information about volunteering and win free books for winter quarter from University Bookstores.

## UPS Pick a Package

September 28, 10:00 a.m. to 1:00 p.m., Coffman Union Plaza. Win prizes by answering University trivia questions.

## Lunch with Leaders

September 29, 11:00 a.m. to 1:00 p.m., Northrop plaza. University President Nils Hasselmo, regents, and community leaders will serve free lunch to students and others.

## Volleyball Tournament

October 1, 1:00 to 5:00 p.m., Cooke Hall.

## Racquet Ball Challenge

October 1, 3:00 to 7:00 p.m., Recreation Center.

## HOMECOMING 1993

Alumni and students have worked together to make Homecoming an all-out maroon and gold celebration. This year is no exception. The theme is "Spirit of Glory." For information, call 800-UM-ALUMS (624-2323 in the Twin Cities area).

## Campus/Community Service Day

October 16. Volunteers will work on projects at a variety of charitable organizations including the Ronald McDonald House, Habitat for Humanity, and many others. A Minneapolis food shelf will benefit from the food drive throughout the week.

## Homecoming 5K Run/Roll

October 17.

## Kickoff Pepfest

October 18, Northrop plaza, noon. Join Gopher coaches, cheerleaders, the marching band, and University officials as they start the 1993 Homecoming celebration.

## Speaker Series

October 18-22. A different University official speaker each day at various campus locations.

## Commuter Day

October 20. Free breakfast/lunch, entertainment, raffle for free parking and bus rides. Sign a good luck card for Gopher athletes.

# Alumni Achievers

Sometimes  
you find  
just what  
you're  
looking  
for right in  
your own  
backyard.



Dawn Sparby, University of Minnesota, Morris Campus, Class of '89  
Human Resources Specialist at The Hart Press, Inc., Long Prairie, Minnesota

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#### On Challenges:

"As a student, one of the greatest challenges was a class I took my first year. I registered late, so I had to take what was available: an upper level course on Philosophy of Politics. It was hard, challenging...and stimulating. On the job, the most challenging aspect is the same as the most rewarding: dealing with people and helping them solve problems."

#### On Banta:

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**Royalty Coronation and Bonfire**

October 22, Sanford Field. A local band will play and the new Homecoming king and queen will be crowned.

**Homecoming Parade**

October 23, University Avenue, noon. Marching band, floats, cheerleaders, and more!

**Tailgate Party**

October 23. Post-parade celebrations at several sites with easy access to the Hubert H. Humphrey Metrodome.

**Pregame Pepfest**

October 23, Hubert H. Humphrey Metrodome picnic area, 4:00 p.m. Sponsored by the University of Minnesota Alumni Association. Marching band, food, and Goldy Gopher.

**Homecoming Football Game**

October 23, Hubert H. Humphrey Metrodome, 6:00 p.m. Gophers vs. the Wisconsin Badgers.

**DANCE****The Parsons Dance Company**

October 8, 8:00 p.m., Northrop Auditorium. A newly commissioned dance/theater/music work entitled *Ring Around the Rosie*.

**American Indian Dance Theatre**

November 6, 8:00 p.m., Northrop Auditorium. A riveting new repertoire with fabulous costumes and live music: drums, bells, rattles, and flutes.

**Amanda Miller Dance Company**

November 20, 8:00 p.m., Northrop Auditorium. The former resident choreographer of Germany's sensational Frankfurt Ballet debuts her eight-member Pretty Ugly Dance Company and her latest dances.

**The Joffrey Ballet's "Nutcracker"**

December 22-26, Northrop Auditorium. The Joffrey company performs its version of this holiday favorite for the second time in Minnesota.

**Dance Theatre of Harlem**

February 11-12, 8:00 p.m., Northrop Auditorium. Versatile modern/jazz works, often of African American character.

**Principal Dancers of the New York City Ballet**

March 8-9, 8:00 p.m., Northrop Auditorium. One of the classical ballet powers returns to Northrop.

**Bebe Miller Dance Company**

March 19, 8:00 p.m., Northrop Auditorium. New Dance Lab guest artists join Miller's company for the Twin Cities debut of *Nothing Can Happen Only Once*.

**Paul Taylor Dance Company**

March 24, 8:00 p.m., Northrop Auditorium. Featuring *Company B*, a recent Taylor dance labeled an "instant masterpiece" and set to recordings by Minneapolis's own Andrews Sisters.

**Miami City Ballet**

April 12-13, 8:00 p.m., Northrop Auditorium. Latin energy and the flavor of Miami in dances choreographed by Peruvian-born resident Jimmy Gamonet De Los Heros.

**UW-EPCO Spring Concert**

April 14-17, Whiting Proscenium Theatre, Rarig Center. Student dance concert.

**MUSEUMS AND GALLERIES****Vanishing Animals**

Through October 3, Goldstein Gallery, graduate and undergraduate exhibition.

**For Peat's Sake**

Through October 10, Jaques Gallery, Bell Museum of Natural History. Peatland formation and ecology and the surprising diversity of the plant and animal life found in peatlands. Combining photo-murals of peatland scenes with specimens, diagrams, and close-ups of individual plants and animals.

**Jim Brandenburg's Wolves**

October 9 through March 27, ground floor gallery, Bell Museum of Natural History. Highlights of wolves Jim Brandenburg has encountered during his illustrious career as a wildlife and nature photographer for the National Geographic Society.

**Discovery Sundays!**

Beginning October 10, one Sunday a month through March, noon to 3:30 p.m., Bell Museum of Natural History. Lively science demonstrations ranging from projects you can do at home to those scientists do in the lab or field.

**Viewing Nature with Electrons**

November 6 through April 10, Ecology Building lobby. The bizarre, fascinating shapes and textures of microscopic life.

**The Star of Bethlehem**

December 5, 3:00 p.m., Bell Museum of Natural History. Professor Emeritus Karlis Kaufmanis blends great personal charm, showmanship, scholarship, history, and astronomy to explain the origin of the Star of Bethlehem.

**Designer Fashions**

February-April 1994, Goldstein Gallery.

**Wildlife Art in America**

February 26-May 15, west gallery, Bell Museum of Natural History. More than 100 works by North American wildlife artists, including great historical artists, modern masters, and the finest of the present generation.

**MUSIC****Saturday Music Matinees**

Saturdays throughout the school year, 12:30 p.m., MacPhail Center for the Arts. MacPhail Center faculty and students are featured in these fun, informal lobby concerts. Free and open to the public.

**Bach's Lunch**

Wednesdays, September 15-November 3, 12:15 p.m., MacPhail Center for the Arts. MacPhail faculty perform—from jazz guitar to classical piano—over the lunch hour. Free and open to the public.

**Trimpin**

September 22, 23, 24, 8:00 p.m., Hennepin Center for the Arts, Studio 6A. This Seattle-based composer/kinetic sculptor incorporates found objects with traditional instruments in a computer-activated installation. Sponsored by Northrop Auditorium.

**Plymouth Music Series**

October 11, 8:00 p.m., Ted Mann Concert Hall, Benjamin Britten's *Paul Bunyan*.

**Schubert Club Music Series**

October 13, 8:00 p.m., Ted Mann Concert Hall, Libby Larsen, artistic director.

**Casualty "U" St. Paul Chamber Orchestra Series**

October 14, 8:00 p.m., Ted Mann Concert Hall, Hugh Wolff, conductor.

**Dale Warland Singers**

October 15, 8:00 p.m., Ted Mann Concert Hall.

**University Choral and Vocal Showcase**

October 16, 9:00 p.m., Ted Mann Concert Hall.

**Beethoven's Ninth Symphony**

October 18, 8:00 p.m., Ted Mann Concert Hall, University Symphony Orchestra, Murry Sidlin, conductor.

**Dominick Argento's 66th Birthday Concert**

October 27, 8:00 p.m., University Symphony Orchestra, Murry Sidlin, conductor.

**Marching Band Indoor Concert**

October 30-31, 3:00 p.m., Northrop Memorial Auditorium.

**Honors Concerts**

December 13, February 17, April 23, MacPhail Center for the Arts. The most talented MacPhail student soloists, chamber ensembles, and composers perform. Free and open to the public.

**Concerto/Aria Concerts**

January 23, March 13, MacPhail Center for the Arts. MacPhail student soloists accompanied by faculty orchestra.

**Julius Hemphill**

April 6, 8:00 p.m., Ted Mann Concert Hall. World premiere of Hemphill's concert version of *A Bitter Glory*, a multimedia event focusing on the illusion of living in the antebellum South.

**Philip Glass**

April 27, 8:00 p.m., Ted Mann Concert Hall. Glass plays arrangements from his ensemble and operatic compositions in this solo acoustic piano recital.

**THEATER****"The Crucible"**

October 29-31, November 4-7, Whiting Proscenium Theatre, Rarig Center. By Arthur Miller, directed by Lee Adey.

**"Beyond Therapy"**

November 5-6, 12-13, 18-20, 8:00 p.m., Punchinello Players, North Hall Theatre. A hilarious comedy by Christopher Durang, directed by David Ruebhausen.

**"We Won't Pay, We Won't Pay"**

November 12-14, 18-21, Stoll Thrust Theatre, Rarig Center. By Dario Fo, directed by Nic Carter.

**"On the Verge"**

November 30, December 1-3, Arena Theatre, Rarig Center. By Eric Overmeyer, directed by Mary Cummins.

**"And a Nightengale Sang . . ."**

February 4-6, 10-13, Stoll Thrust Theatre, Rarig Center. By C. P. Taylor, directed by Sari Ketter.

**"Two Gentlemen of Verona"**

February 18-20, 24-27, March 3-6, Arena Theatre, Rarig Center. By William Shakespeare, directed by Stephen Kanee.

**"The Time of Your Life"**

February 18-19, 25-26, March 3-5, 8:00 p.m., Punchinello Players, North Hall Theatre.

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The classic comedy by William Saroyan, directed by Tom Johnson.

**"The Dreams of Clytemnestra"**

March 7-11, Experimental Theatre, Rarig Center. By Daria Maraini, directed by Miriam Monasch.

**"Loot"**

April 29-30, May 1, 5-8, Stoll Thrust Theatre, Rarig Center. By Joe Orton, directed by Dels Hennun.

**"Our Town"**

April 29-30, May 6-7, 12-14, 8:00 p.m., Punchinello Players, North Hall Theatre. American classic by Thornton Wilder, directed by William Marchand. Last Punchinello production in North Hall, which is being torn down.

**"A Commissioned New Play"**

May 13-15, 19-22, 26-28, Whiting Proscenium Theatre, Rarig Center. Written and directed by Ping Chong.

**"Hedda Gabler"**

May 24-27, Stoll Thrust Theatre, Rarig Center. By Henrik Ibsen, directed by Sean Kelley-Pegg.

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**Advanced Clinical Studies Program in Social Work**

September-June, Ford Hall.

**Government Communications in the '90s: New Paradigms/Changing Times**

September 28, Earle Brown Center.

**49th Annual Tax Institute**

for Public Accountants  
September 28-29, Thunderbird Hotel, Bloomington.

**24th Annual Chemical Dependency Fall Conference: Transforming Professional Practice**

September 29-October 1, Radisson South Hotel, Bloomington.

**Greek and Roman Books**

September 30-October 2, Nolte Center.

**Violence and Its Prevention: Children as Victims and Perpetrators**

October, November, and December, Earle Brown Center.

**Minnesota Power Systems Conference**

October 5-7, Earle Brown Center.

**Representation in Design Process: Association of Colleges and Schools of Architecture**

West Central Regional Meeting

October 8-10, Nolte Center.

**26th Annual Water Resources Conference**

October 26-27, Earle Brown Center.

**The End of the Cold War and Small European States: European Reintegration and Institution—Building in Austria, Denmark, Estonia, Finland, and Hungary**

October 29-30, Humphrey Center.

**Recent Advances in Parent/Family Skills Training**

November 11, Earle Brown Center.

**School-Based Interventions with ADHD**

**Children in School Settings**

November 12, Earle Brown Center.

**Minnesota Public Works Fall Conference**

November 17-19, Thunderbird Hotel, Bloomington.

**43rd Annual Concrete Conference**

December 9, Earle Brown Center.

**Fourth Annual TEAM Conference: Time for Effective Action on Maltreatment of Minors**

January 1994.

**Art Museums as Space for Critical Thinking and Experience**

February 24.

**The Stranger in Medieval Society**

February 24-26.

**Art and the Environment**

February 25-26.

**Art Museums as Space for Art and Artists**

April 14.

**Knowledges: Production, Distribution, Revision**

April 14-17.

**The Unknown Territory: Art and Architecture of Albania in the Balkan Context**

April 22-24.

**Thinking, Writing, Teaching, Creating Social Justice: Theorizing Female Diversity**

April 22-24.

**Fifth Annual Transportation Research Conference**

May 1994.

**Furnaces, Fires, and Forges**

May 26-29.

**International Trombone Workshop**

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This year's tours take you to various exciting and interesting destinations around the world.

For more information, please return response card to: Jane Hladky, UMAA travel coordinator, 501 Coffman Memorial Union - 300 Washington Ave SE, Minneapolis, MN 55455-0396 or call (612) 624-2323 or 1-800-862-5867.

## Trans-Panama Canal Cruise

January 22 - February 1, 1994  
(INTRAV)

Short of a world cruise, a Panama Canal transit is regarded by many as the ultimate voyage. Cruise aboard the *Royal Princess* from Acapulco, Mexico to Puerto Caldera, Costa Rica; transit the Panama Canal; Cartagena, Colombia; St. Maarten, Netherlands Antilles; St. Thomas, U.S. Virgin Islands and San Juan, Puerto Rico.

Price: From \$2,390

Free or Reduced Airfare from most major cities.

\$150.00 Shipboard Credit

Savings up to \$1,600/per couple for early bird booking.

## Costa Rica & the Galapagos Islands

February 16-27, 1994  
(INTRAV)

Costa Rica and the Galapagos Islands are two rare places on Earth where remarkably pristine environments flourish. Begin with four nights in San Jose, Costa Rica. Stay overnight in Guayaquil, Ecuador, before heading for the Galapagos Islands, 600 miles off the coast of Ecuador. We will have an extraordinarily intimate observation of animals such as seals, rare land and marine iguanas and blue-footed boobies. Nowhere else in the world is the splendor of nature so unspoiled. We fly to the Galapagos Islands, to allow more time for island exploration. Your three-night cruise aboard the M.V. *Santa Cruz* takes you to Bartolome, Tower, Isabela and Fernandina Islands and is completed in Quito, Ecuador. This trip is limited to 38 in conjunction with Galapagos Islands preservation objectives and our commitment to wildlife conservation.

Price: From \$3,695 from Miami

## Australia / New Zealand

MARCH 3-19, 1994  
(INTRAV)

Here is a great new value in travel Down Under: visiting Australia by land and New Zealand by sea. Australia is best seen by land, with all the famous sights spread over long distances, one needs the speed of air travel to combine a visit to Cairns, the Great Barrier Reef and cosmopolitan Sydney. An optional excursion includes Alice Springs and Ayers Rock for those who want to visit Australia's legendary

Outback. We see New Zealand from the sea via a cruise on the M.S. *Marco Polo* - a brand new way to discover this land Down Under. In Christchurch, we begin our 7-night cruise to Dunedin, Dusky, and Marlborough Sounds, Picton, Napier, Tauranga (Rotorua) and Auckland. ALL MEALS INCLUDED on cruise portion. Auckland optional excursion.

Price: From \$3,798 from Los Angeles

## Swiss Escapade

March 7-14, 1994  
(ALUMNI HOLIDAYS)

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\$995

In the heart of Switzerland lies a world renowned resort, nestled between two lakes and surrounded by the grandeur of the Swiss Alps - Interlaken. Non-skiers can choose from an abundance of activities, such as skating, tobogganing, shopping, magnificent winter walks within an unsurpassed mountain panorama and romantic horse-drawn sleigh rides. Or participate in several optional excursions throughout Switzerland to Bern, Lucerne or Montreaux. Interlaken's Casino Kursaal is the site for international music festivals, ballets and theatrical performances. This exceptional value, at \$995/per person from Chicago and based on double occupancy, includes direct flights on Swissair, 6 nights at the Hotel Bellevue Park, full Swiss breakfast daily, and a welcome wine and cheese party. A halfboard supplement, at a cost of \$98/per person, provides full-course dinners each evening. Limited space - book early!

Price: \$995 from Chicago

## Italy's Historic Cities & Countryside

May 3-14, 1994  
(INTRAV)

If you were to paint a tour of Italy in the tradition of great Renaissance masters, how would you compose the canvas? It would have to be a composition like the country itself, both simple and beautiful, sophisticated yet intimate. A solid foundation is Rome, imperial and impressive. The next brush strokes would take in Spoleto and gentle Assisi. The hill towns of Perugia, Gubbio, Siena, and San Gimignano paint a vivid contrast. Then it's on to Florence and Venice, in all their radiant splendor. This new comprehensive and creative itinerary combines it all for you.

Price: \$3,629 from New York

## China / Yangtze River

May 13-29, 1994  
(INTRAV)

This trip to China is an opportunity to experience a social order completely different from that of the West. Our exclusive itinerary features all sightseeing, three nights in Beijing, one night in Chongqing, a three-night Yangtze River cruise, two nights in Xian, two nights in Shanghai, and three nights in Hong Kong. A cruise on the Yangtze River is aboard the *M.S. Three Gorges* and is the most convenient way to see the Chinese landscape and observe a traditional way of life. Guilin optional extension.

Price: From \$4,799 from Los Angeles

## Midnight Sun Express & Alaska Passage

June 20 - July 2, 1994  
(INTRAV)

Our Alaska tour provides the best of Alaska - by land and by sea, the only way to completely experience North America's last great frontier. Plus, we have exclusive space aboard the *Midnight Sun Express* domed train. Begin in Fairbanks. Relax aboard the *Midnight Sun Express* as it whisks you across the countryside to Anchorage, where en route we spend the night in Denali National Park. After Anchorage, transfer to Seward to begin your Inside Passage cruise aboard the *Crown Princess*, while you cruise to Columbia Glacier/College Fjord, Skagway, Juneau, Endicott Arm, Ketchikan, and Vancouver. Vancouver optional extension.

Price: From \$3,099

Early Bird discounts

## Germany / Austria

July 20 - August 2, 1994  
(ALUMNI HOLIDAYS)

Imagine cruising a picturesque inland waterway of Europe through an enchanted world of fairy-tale castles, old world cities and medieval villages, along with a visit to the heartland of the Bavarian Alps. This 14-day adventure includes a leisurely eight-day cruise on the Main-Danube Canal and the Danube River aboard the elegant new *M/S Swiss Pearl*, with opportunities to explore Berchtesgaden, Kelheim, Regensburg, Metten, Passau, Linz, Melk, and Durnstein ... plus travel along the famed "Romantic Road," along with enjoyable stays in the fascinating Bavarian cities of Munich and Nuremberg, together with captivating Vienna!

Price: From \$4,295 from Chicago

## English / French Countryside

September 3-18, 1994  
(INTRAV)

Gardens, castles, cathedrals, and chateaux will grace your route with charm, history, and the ambience of lives lived with medieval valor. Our journey takes you through the charming English countryside to Chester, Wales, Stratford-upon-Avon, Bath, Stonehenge and London, the uniquely English Gardens at Hidcote Manor, the charm of the Cotswolds and Blenheim Palace. Board the new *Eurostar* train in London for a journey via the new Chunnel, the undersea train tunnel that will link England and France for the first time. Paris is an ideal base to begin exploring France. Recall D-Day at the Normandy beaches near Caen - visiting Omaha and Utah beaches. Visit Mont St. Michel before continuing to Chateaux Country seeing Chenonceaux, Cheverny, and Chambord that grace the Loire Valley. One last night at a Paris airport hotel before returning home.

Including ALL SIGHTSEEING + 25 MEALS.

Price: \$3,999 from New York

## Siberia / Mongolia / China

September 16 - October 2, 1994  
(ALUMNI HOLIDAYS)

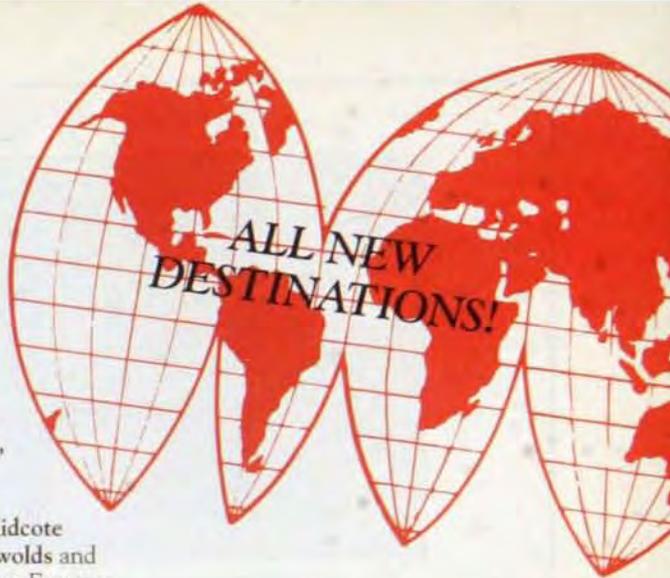
You asked for something different - here it is ...

**Siberia ...** Separated from Alaska by the narrow straits of the Bering Sea and Europe by the Ural Mountains, this "sleeping land" could easily contain the whole of Western Europe! Your trip will be highlighted by three nights on the famed *Trans-Siberian Railway* and a visit to the world's oldest and deepest Lake - Lake Baikal.

**Mongolia ...** In this, the land of Genghis Khan, the Mongolian people still wear the traditional delds, live in tent-like yurts, and milk their mares as their ancestors did before them. Ulan Bator will fascinate you with its many museums and functioning monasteries.

**China ...** Shenyang and Beijing ... these capital cities have much to offer. From the former Manchurian Republic to The Great Wall, these two imperial cities offer their visitors a wealth of enrichment and history. ALL MEALS AND EXCURSIONS ARE INCLUDED in this tour.

Price: \$4,495 from San Francisco



## Autumn on the Chesapeake Bay / Hudson River

September 28 - October 8, 1994  
(CLIPPER CRUISE LINE)

This voyage explores the Hudson River and the Chesapeake Bay during the time of year when autumn begins to brighten the foliage in shades of red and gold and the weather is mellow with days still fairly long. Sail aboard the *M/V Nantucket Clipper* from lower Manhattan, with its incredible skyline proudly guarded by the Statue of Liberty, up the Hudson River. There will be opportunities to visit sites of historic significance in Yorktown, Annapolis, and Washington, D.C.

Cruise Price: From \$2,400

## "Come Back Home" In the Fall

Looking for a reason to come back to the Twin Cities for a little visit. We are planning an itinerary covering the Twin City area perhaps during homecoming week. Check the *Minnesota Magazine* early next year for further information.

Dates may change slightly due to scheduling

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June 19-22.

### Fourth Annual Conference on the Bearing Capacity of Roads and Airfields

July 17-21, Radisson Hotel, Bloomington.

### Compleat Scholar

For more information on Compleat Scholar/Practical Scholar programs, call 612-624-8880.

### From the Playing Fields to the Executive Suite: Lessons to Keep and to Leave Behind as We Shape Our Organizations

September 20, 8:30 to 11:00 a.m., Earle Brown Center. Management Advancement Program no-credit course featuring McKinley Boston, director of men's intercollegiate athletics. Register for MAP 0900, \$49. For information call 612-626-8713.

### Wanda Gag and After:

#### Children's Picture Books

September 28-October 19, Children's Literature Research Collection, Walter Library.

#### "Who Are the People of Minnesota?"

October 4-November 1, Immigration History Research Center. Rudolph Vecoli, professor of history, traces the immigration of diverse people who chose Minnesota as home.

#### A Look at the Supercomputer and Its Uses

October 5-November 9, Minnesota Supercomputer Institute.

#### Birds of Prey: Their Biology and Ecology

October 13-November 3, Gabbert Raptor Center.

#### Memories, Voices, Dreams, Poems (and Trees): A Poetry Workshop with Michael Dennis Browne

October 16, 9:00 a.m. to 4:30 p.m., Minnesota Landscape Arboretum. Michael Dennis Browne, professor of English, leads those who want to uncover, rediscover, and experiment with their capacity for playing with words, rhythms, phrases, and images in writing poetry.

#### Eagles: Their Natural History and Place as a Cultural Icon

January 20-February 3, Gabbert Raptor Center.

#### Frederick R. Weisman Art Museum: Architecture, Institution, Culture, and Context

February 10-March 3, Frederick R. Weisman Art Museum. John Archer, architectural historian and associate professor of cultural studies examines the new museum from a variety of perspectives.

#### Hidden History: Political Activism and Art in the United States, 1900 to the Present

April 19-May 10, Frederick R. Weisman Art Museum. The aesthetic and political inspiration artists derived from political movements. Offered in conjunction with the exhibit *Art as Activist*.

#### Imagining the Holocaust

April 20-May 11, Frederick R. Weisman Art Museum. Stephen Feinstein, adjunct professor of Jewish studies, and Robert O. Fisch, professor of pediatrics, review artistic responses to the Holocaust, including Fisch's exhibit, *The Yellow Star: A Lesson of Love from the Holocaust*.

#### Spring Journal Pilgrimage: A Workshop

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612-698-932  
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with **Phebe Hanson**

April 23, 9:30 a.m. to 4:30 p.m., Minnesota Landscape Arboretum. New ways to write and expanded ideas of what a journal might be.

**Split Rock Arts Program**

July 10-August 20, 1994. More than 50 intensive, week-long residential summer workshops in creative writing, visual arts, fine crafts, and creativity development on the Duluth campus.

**MINNESOTA ELDERHOSTEL**

A program for people 60 and over, Elderhostel combines the best traditions of education and hosteling. Inspired by the youth hostels and folk schools of Europe, Minnesota Elderhostel provides one-week academic experiences for any age-eligible adult who has not finished learning. For additional information, contact Mary Jo Myhre, 612-624-7004.

**What's up, Doc? Current Findings in Health Care and Fitness**

January 9-15, Holiday Inn Metrodome. Experts examine current issues in medicine, health care, nutrition, and fitness. The course includes visits to University of Minnesota health care facilities and to Medtronic.

**City Art and Architecture: Museums, Galleries, Public Places and Spaces**

March 13-19 and March 27-April 2, Holiday Inn Metrodome. This course considers how the values of a city are reflected in its art and architecture; lectures by experts and visits to the Minneapolis Institute of Arts and Walker Art Center.

**UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION**

For more information about these and other events in your area, call the alumni association, 800-UM-ALUMS (624-2323 in the Twin Cities area).

**Pregame Pepfest**

October 16, Chicago. Gophers vs. Northwestern football game.

**Class of 1943 50th Reunion**

October 21-23. The University of Minnesota Alumni Association invites members of the Class of 1943, including those who graduated later because of World War II, to the Emeriti Reunion. Activities include lunch, campus tours, banquet, homecoming brunch, parade, and pepfest.

**College of Human Ecology Homecoming Brunch, Annual Meeting, and Reunions.**

October 23, 9:00 a.m. For information, call 612-624-6762.

**"U of M" Day and Marching Band Concert**

November 4, Rochester, Minnesota.

**School of Dentistry Reception for Alumni and Friends**

November 7, San Francisco Hilton Hotel. The School of Dentistry will host a reception for alumni and friends of the school at the ADA annual meeting. For more information, contact Bonnie McCallum at 612-625-7678.

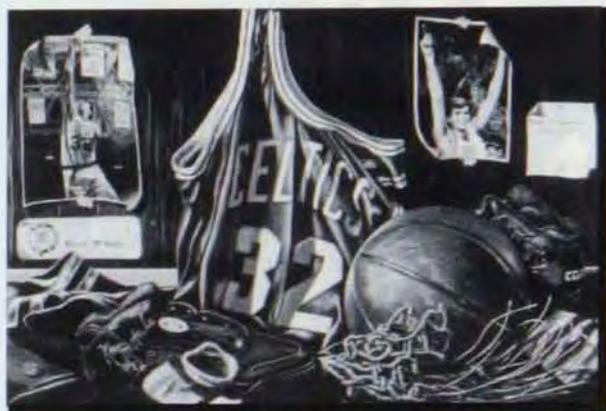
**Leadership Day/National Board Meeting**

November 13, 8:00 to 11:30 a.m., Coffman Union, pregame buffet, Gophers vs. Michigan.

**Star of Bethlehem Lectures**

December 4, Redwood Falls, Minnesota.

Allen Hackney's tribute to... **KEVIN McHALE**



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Allen Hackney is recognized as one of America's top sports artists. Now you can own Allen's tribute to Minnesota alumnus Kevin McHale. "Tribute To Greatness" is a full-color lithograph, strictly limited to 1,000 artist-signed prints. This lithograph is also personally autographed by Kevin McHale. It measures 20" x 30" and sells for \$195.00. In addition, 132 artist proofs are available for \$245.00 each. Call today to receive a full-color brochure or to order your own "Tribute to Greatness."

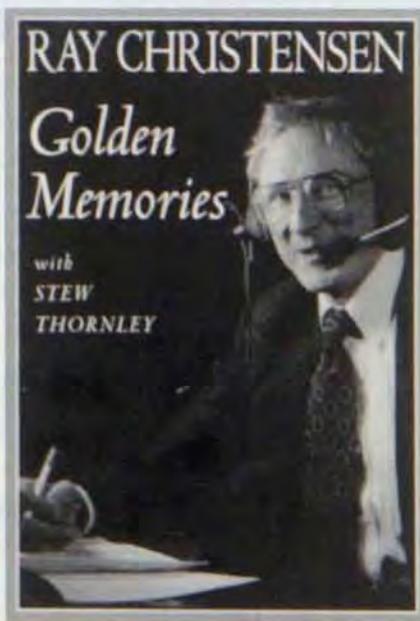
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Miriam Monasch, *Restoration*, by Edward Bond, Spring 1993.

## FALL

**The Crucible**  
by Arthur Miller  
Directed by Lee Adey

**We Won't Pay!**  
**We Won't Pay!**  
by Dario Fo  
Directed by  
Nicolas Carter

**On The Verge**  
*a workshop production*  
by Eric Overmyer  
Directed by  
Mary Cummins

## WINTER

**And A Nightingale Sang...**  
by C. P. Taylor  
Directed by  
Sari Ketter

**Two Gentlemen of Verona**  
by William Shakespeare  
Directed by  
Stephen Kanee

**The Dreams of Clytemnestra**  
*a workshop production*  
by Dacia Maraini  
Directed by  
Miriam Monasch

## SPRING

**URepCo Spring Concert**  
A concert of dance

**Loot**  
by Joe Orton  
Directed by Nels Hennum

**A commissioned new play**  
Written and directed  
by Ping Chong

**Hedda Gabler**  
*a workshop production*  
by Henrik Ibsen  
Directed by Sean Kelley-Pegg

December 6, Grand Rapids, Minnesota.  
 December 11, Fergus Falls, Minnesota.  
 December 13, Austin/Albert Lea, Minnesota.  
 Guest speaker University astronomy professor emeritus Karlis Kaufmanis.

**Holiday Social**  
 December 14, Sun Coast, Florida.

**Museum Tour and Lunch**  
 January 15, Sun Coast, Florida, Museum of Science and Industry.

**Alumni Meeting**  
 January 28, Sun Cities, Arizona.

**Pregame Reception**  
 January 30, New York City. Party with other alumni before the Gopher basketball team plays St. John's at Madison Square Garden.

**Annual Meeting**  
 May 10, Bierman Field Football Complex, Minneapolis campus. Alumni and friends gather to hear this year's speaker—alumnus, best-selling author, and businessman Harvey Mackay.

**MEN'S FOOTBALL**

Vs. Penn State, September 4, noon.  
 Hosts Indiana State, September 11, 6:00 p.m.  
 Hosts Kansas State, September 18, 7:00 p.m.  
 Greater Minnesota Band Night.  
 Vs. San Diego State, September 25, 6:00 p.m.  
 Hosts Indiana, October 2, 7:00 p.m.  
 Hosts Purdue, October 9, 6:00 p.m.  
 Vs. Northwestern, October 16, 1:00 p.m.  
 Hosts Wisconsin, Homecoming Game, October 23, 6:00 p.m.  
 Vs. Illinois, November 6, 1:00 p.m.  
 Hosts Michigan, November 13, 6:00 p.m., Fan Appreciation Night.  
 Vs. Iowa, November 20, 1:00 p.m.

**MEN'S BASKETBALL (Tentative)**

Hosts Preseason NIT Tournament, November 18.  
 Hosts Mississippi Valley State, November 29.  
 Vs. Middle Tennessee State, December 3.  
 Hosts Team Mexico, December 12.  
 Hosts Clemson, December 15.  
 Hosts Baylor, December 18.  
 Vs. San Jose State, December 23.  
 Vs. Virginia, December 28.  
 Hosts James Madison, December 31.  
 Hosts Northeastern Illinois, January 3.  
 Vs. Northwestern, January 8.  
 Hosts Wisconsin, January 12.  
 Vs. Penn State, January 15.  
 Hosts Michigan, January 20.  
 Hosts Michigan State, January 22.  
 Vs. Indiana, January 26.  
 Hosts Purdue, January 29.  
 Vs. St. John's, January 30.  
 Vs. Iowa, February 2.  
 Hosts Northwestern, February 5.  
 Hosts Ohio State, February 9.  
 Vs. Wisconsin, February 12.  
 Hosts Penn State, February 16.  
 Vs. Michigan, February 19.  
 Vs. Michigan State, February 23.  
 Hosts Indiana, February 27.  
 Vs. Purdue, March 3.  
 Hosts Iowa, March 5.  
 Vs. Illinois, March 9.

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 Vs. Colorado College, October 22-23.  
 Vs. U.S. Olympic Team, October 27, at Target Center.  
 Vs. St. Cloud State, October 29.  
 Hosts St. Cloud State, October 30.  
 Vs. Northern Michigan, November 5-6.  
 Vs. Minnesota-Duluth, November 12-13.  
 Hosts Denver, November 19-20.  
 Hosts WCHA-CCHA Challenge, November 26-27.  
 Hosts North Dakota, December 11-12.  
 Vs. Alaska-Anchorage, December 17-18.  
 Hosts Mariucci Classic Tournament, December 31-January 2.  
 Hosts Wisconsin, January 8-9.  
 Hosts Michigan Tech, January 14-15.  
 Vs. Denver, January 21-22.  
 Hosts Northern Michigan, January 28-29.  
 Hosts Minnesota-Duluth, February 4-5.  
 Vs. North Dakota, February 11-12.  
 Hosts Alaska-Anchorage, February 18-19.  
 Vs. Wisconsin, February 25-26.  
 Hosts St. Cloud State, March 4.  
 Vs. St. Cloud State, March 5.

#### Women's Basketball

Hosts International, November 21.  
 Vs. Marquette, November 27.  
 Vs. Georgia Tech, December 1.  
 Hosts Dial Classic, December 11-12.  
 December 11, vs. Chicago State, 8:00 p.m.  
 December 12, consolation, 1:00 p.m.  
 December 12, championship, 3:00 p.m.  
 Hosts Wisconsin-Green Bay, December 14, 7:00 p.m.  
 Pizza Hut Classic, Wichita, Kansas, December 18-19.  
 Hosts Kansas State, December 21, 7:00 p.m.  
 Vs. Northern Iowa, December 30.  
 Vs. Iowa, January 5.  
 Hosts Wisconsin, January 9, 7:00 p.m.  
 Vs. Illinois, January 16.  
 Vs. Purdue, January 21.  
 Vs. Indiana, January 23.  
 Hosts Michigan State, January 28, 7:00 p.m.  
 Hosts Michigan, January 30, 7:00 p.m.  
 Vs. Penn State, February 4.  
 Hosts Northwestern, February 6, 7:00 p.m.  
 Vs. Northwestern, February 13.  
 Hosts Indiana, February 18, 7:00 p.m.  
 Hosts Purdue, February 20, 7:00 p.m.  
 Vs. Michigan, February 25.  
 Vs. Michigan State, February 27.  
 Hosts Ohio State, March 4, 7:00 p.m.  
 Hosts Penn State, March 6, 7:00 p.m.  
 Vs. Wisconsin, March 8.  
 Hosts Iowa, March 11, 7:00 p.m.

#### Women's Volleyball

Vs. Penn State, September 24, 7:30 p.m.  
 Vs. Ohio State, September 25, 7:30 p.m.  
 Hosts Michigan State, October 1, 7:30 p.m.  
 Hosts Michigan, October 2, 7:30 p.m.  
 Hosts Iowa, October 6, 7:30 p.m.  
 Hosts Illinois, October 8, 7:30 p.m.  
 Vs. Wisconsin, October 15, 7:30 p.m.  
 Vs. Northwestern, October 16, 7:30 p.m.  
 Hosts Purdue, October 22, 7:30 p.m.  
 Hosts Indiana, October 23, 7:30 p.m.  
 Vs. Michigan, October 29, 7:30 p.m.  
 Vs. Michigan State, October 30, 7:30 p.m.  
 Vs. Iowa, November 3, 7:30 p.m.

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### ■ Trumpeter's Delight

*Thursday, November 11, 8 pm*  
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### ■ Zukerman Plays Beethoven

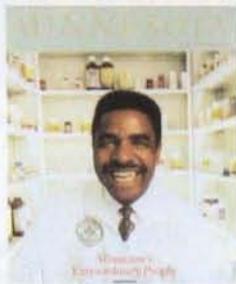
*Thursday, April 21, 8 pm*  
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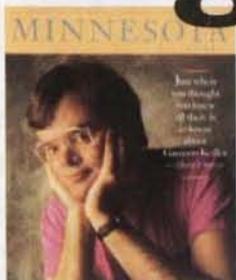
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**Vs. Illinois**, November 6.  
**Hosts Northwestern**, November 12, 7:30 p.m.  
**Hosts Wisconsin**, November 13, 7:30 p.m.  
**Vs. Indiana**, November 19, 7:30 p.m.  
**Vs. Purdue**, November 20, 7:30 p.m.  
**Hosts Ohio State**, November 26, 7:30 p.m.  
**Hosts Penn State**, November 27, 7:30 p.m.  
**NCAA Tournament**, Madison, Wisconsin.  
 First Round, December 1. Second Round,  
 December 4-5. Regionals, December 9 and  
 11. Championship, December 16 and 18.

#### WOMEN'S SOCCER

**Vs. St. Scholastica**, September 21, 4:00 p.m.  
**Michigan State Invitational**, September 24 and  
 26.  
**Vs. Michigan State**, September 24, 4:00 p.m.  
**At Creighton**, October 1-2. October 1, 7:00  
 p.m., vs. Creighton; October 2, 3:00 p.m., vs.  
 Northern Illinois.  
**Vs. Wisconsin-Madison**, October 8, 7:00 p.m.  
**Hosts St. Thomas**, October 10, 1:00 p.m.  
**Hosts Ohio State**, October 16, 1:00 p.m.  
**Hosts St. Benedict**, October 18, 3:00 p.m.  
**Vs. Valparaiso**, October 22, 4:00 p.m.  
**Vs. Indiana**, October 23, 5:00 p.m.  
**Vs. Marquette**, October 30, 1:00 p.m.  
**Vs. Wisconsin-Milwaukee**, October 31, noon.

#### WOMEN'S CROSS COUNTRY

**St. Olaf Invitational**, Northfield, Minnesota,  
 September 25, 10:00 a.m.  
**Hosts Nike Invitational**, October 2. Maroon,  
 10:15 a.m. Gold, noon.  
**Maine Invitational**, Orono, Maine, October 9,  
 11:00 a.m.

**Vs. Wisconsin-La Crosse**, October 16, 10:00 a.m.  
**Hosts Minnesota Open**, October 23, 11:00 a.m.  
**Big Ten Championships**, East Lansing,  
 Michigan, October 30, 11:00 a.m.  
**Region 4 Meet**, Bloomington, Indiana,  
 November 13, 10:00 a.m.  
**NCAA Championships**, Bethlehem,  
 Pennsylvania, November 22, 10:00 a.m.

#### WOMEN'S GOLF

**Michigan State Fall Invitational**, September  
 18-19.  
**Lady Northern**, Columbus, Ohio, October 8-10.  
**Wisconsin Lady Badger**, Madison,  
 October 16-17.  
**Stanford Invitational**, Palo Alto, California,  
 October 22-24.  
**Utah-Dixie Classic**, St. George, Utah,  
 March 7-8.  
**South Florida Invitational**, Tampa, April 8-10.  
**Hosts Minnesota Invitational**, April 23-24.  
**Big Ten Championship**, Columbus, Ohio,  
 May 6-8.

#### WOMEN'S SWIMMING AND DIVING

**Hosts Intrasquad**, October 15, 7:00 p.m.  
**Hosts Alumni Meet**, October 23, 1:00 p.m.  
**Vs. Indiana State**, October 30, 2:00 p.m.  
**Vs. Michigan**, November 13, 2:00 p.m.  
**Hosts Minnesota Invitational**, November 19-  
 21, Iowa, Kansas, Miami, Nebraska.  
**Hosts Penn State**, January 7, 7:00 p.m.  
**Hosts Gold Country Invitational**, January 7,  
 11:00 a.m., Hamline, Macalester, Penn State,  
 St. Cloud State.  
**Vs. Iowa**, January 15, 5:00 p.m.

**Vs. Illinois**, January 29, 2:00 p.m.  
**Hosts Tri Duals**, February 4-5, noon and 6:00  
 p.m., Purdue, Wisconsin.  
**Big Ten Championships**, Indianapolis,  
 February 17-19.  
**Hosts GO-PHER-IT Invitational**, Aquatic  
 Center, February 27, noon.  
**NCAA Zone Diving**, Cleveland, March 11-12.  
**NCAA Championships**, Indianapolis, March  
 17-19.  
**USS Junior Nationals**, Federal Way,  
 Washington, March 20-24.  
**USS Senior Nationals**, Federal Way,  
 Washington, March 30-April 4.  
**Phillips 66 Diving Preliminaries**, April 1-3, to be  
 announced.  
**Hosts Phillips 66 Diving Championships**,  
 Aquatic Center, April 19-23.

#### WOMEN'S TENNIS

**Brown Invitational**, Providence, Rhode  
 Island, October 8-10.  
**Riviera All-American Championships  
 Qualifying**, Pacific Palisades, California,  
 October 19-20.  
**Riviera All-American Championships**, Pacific  
 Palisades, California, October 21-24.  
**Rolex Regional Qualifier**, East Lansing,  
 Michigan, October 28-31.  
**Hosts Minnesota Invitational**, to be  
 announced.  
**Hosts Federated Insurance Court Classic**,  
 January 21-23. January 21, vs. Auburn;  
 January 22, vs. Duke; January 23, vs. Baylor.  
**Vs. Utah**, February 6.  
**Vs. Brigham Young**, February 7, noon.

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Hosts **Iowa State**, Burnsville Racquet Club, February 11, 6:30 p.m.  
 Vs. **North Carolina**, February 19, 10:00 a.m.  
 Vs. **Penn State**, February 27, 9:00 a.m.  
 Hosts **Drake**, 98th Street Racquet Club, March 4, 6:30 p.m.  
 Hosts **Iowa**, Burnsville Racquet Club, March 11, 6:30 p.m.  
 Vs. **Washington**, Tempe, Arizona, March 22.  
 Vs. **Kansas**, Tempe, Arizona, March 23.  
 Hosts **Michigan**, 98th Street Racquet Club, March 25, 6:30 p.m.  
 Hosts **Michigan State**, 98th Street Racquet Club, March 27, 10:00 a.m.  
 Hosts **Wisconsin**, April 8, 2:00 p.m.  
 Hosts **Northwestern**, April 10, 10:00 a.m.  
 Vs. **Illinois**, April 16, 10:00 a.m.  
 Vs. **Purdue**, April 17.  
 Vs. **Indiana**, April 23, 9:00 a.m.  
 Vs. **Ohio State**, April 24, 10:00 a.m.  
**Big Ten Championships**, Iowa City, April 28-May 1.  
**NCAA Championships**, Athens, Georgia, May 11-19.

#### WOMEN'S INDOOR TRACK AND FIELD

Hosts **Northwest Open**, January 15, 9:00 a.m.  
 Hosts **NIKE Invitational**, January 29, 4:00 p.m.  
**World Cross-Country Trials**, Memphis, Tennessee, February 5, 10:00 a.m.  
**Iowa State Invitational**, February 12, 9:00 a.m.  
 Hosts **Minnesota Open**, February 19, 11:00 a.m.  
**Big Ten Indoor Championships**, West Lafayette, Indiana, February 25-26.  
**NCAA Indoor Championships**, Indianapolis,

March 11-12.

#### WOMEN'S GYMNASTICS

Hosts **Minnesota Challenge**, January 15, 7:00 p.m., Gustavus Adolphus, Winona, Hamline.  
 Vs. **Penn State**, January 22.  
 Hosts **Arizona State**, January 29, 7:00 p.m.  
 Vs. **Iowa State**, February 5.  
 Hosts **Minnesota Invitational**, February 12, 7:00 p.m.  
**UCLA Invitational**, Los Angeles, February 19, 7:00 p.m.  
 Vs. **Sanford**, February 25, 7:00 p.m.  
 Vs. **Oregon State**, March 4.  
 Hosts **Utah**, March 19, 7:45 p.m.  
**Big Ten Championships**, University Park, Pennsylvania, March 26.  
**NCAA Central Regional**, April 9, to be announced.  
**NCAA Women's Gymnastics Championships**, Salt Lake City, April 22-24.

#### WOMEN'S SOFTBALL

**San Diego State Tournament**, February 18-20.  
 Vs. **New Mexico**, February 23.  
**New Mexico Tournament**, Albuquerque, February 24-27.  
 Vs. **Southwest Texas State**, March 3.  
**Texas A&M Tournament**, March 4-6.  
 Vs. **California-Santa Barbara**, March 21.  
 Vs. **California Poly Pomona**, March 22.  
**California State-Fullerton Pony Tournament**, Fullerton, March 23-27.  
 Hosts **Mankato State**, April 6, 4:30 p.m.  
 Vs. **Michigan State**, April 8-9.

Hosts **Iowa State**, April 12.  
 Vs. **Ohio State**, April 15-16.  
 Vs. **Iowa State**, April 20.  
 Hosts **Penn State**, April 22, 6:00 p.m.; April 23, 1:00 p.m.  
 Vs. **Iowa**, April 26, 3:00 p.m.  
 Vs. **Indiana**, April 29-30.  
 Hosts **Iowa**, May 3, 3:00 p.m.  
 Hosts **Michigan**, May 6, 6:00 p.m.; May 7, 1:00 p.m.  
 Hosts **Northwestern**, May 13, 6:00 p.m.; May 14, 1:00 p.m.

#### WOMEN'S OUTDOOR TRACK AND FIELD

**Stanford Invitational**, March 25-26.  
**Texas Relays**, Austin, Texas, April 2, 10:00 a.m.  
**Hamline Invitational**, St. Paul, Minnesota, April 9, 10:00 a.m.  
**Nebraska Invitational**, Lincoln, April 9, 10:00 a.m.  
**Mt. Sac Relays**, Walnut, California, April 14-17, 10:00 a.m.  
 Hosts **Minnesota Open**, April 16, 11:00 a.m.  
 Vs. **Brigham Young**, April 22-23, 10:00 a.m.  
**Penn Relays**, University Park, Pennsylvania, April 28-30, 10:00 a.m.  
**Drake Relays**, Des Moines, Iowa, April 29-30, 9:00 a.m.  
**Macalester Invitational**, St. Paul, Minnesota, April 30, 10:00 a.m.  
 Hosts **NIKE Invitational**, May 7, 11:00 a.m.  
 Hosts **Minnesota Open**, May 14, 11:00 a.m.  
**Big Ten Outdoor Championships**, Madison, Wisconsin, May 20-21, 9:00 a.m.  
**NCAA Outdoor Championships**, Boise, Idaho, June 1-4, 9:00 a.m.



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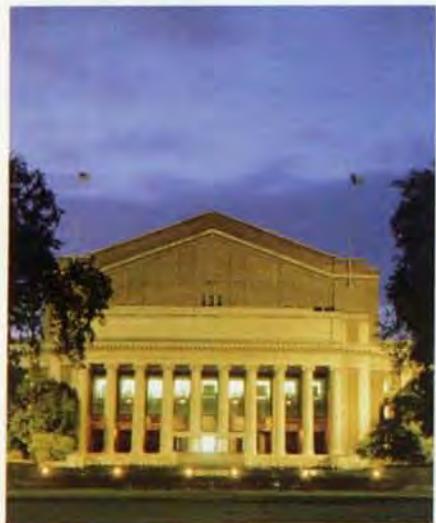
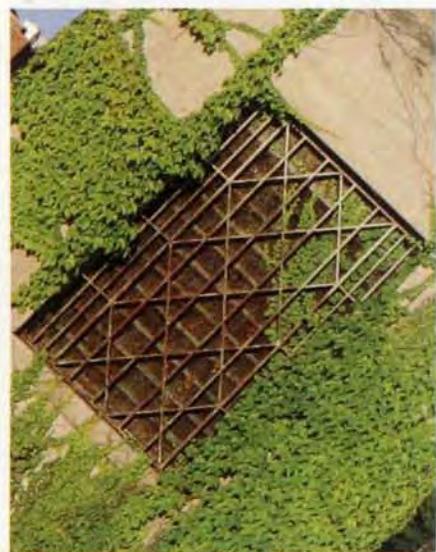
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Another major **restructuring and reallocation plan** is needed for fiscal year 1995 and beyond, University President Nils Hasselmo told the regents in July. He proposed a target for reallocation of no less than \$60 million. Unit closings, consolidation of units, and possible layoffs of hundreds of people "will again be necessary to reallocate the amounts needed to ensure quality in our core functions in teaching, research, and outreach and public service," he said.

The regents approved the **budget for fiscal year 1994**. The budget includes the third installment of the current restructuring and reallocation plan and "keeps us ahead of schedule," Hasselmo told the regents, but it does not include raises for faculty and staff. "I have no intention of ever making that kind of recommendation again," he said.

**Doctors' salaries will be disclosed** under the private practice plan presented to the regents in July. The regents voted to rescind the 1963 policy and direct the president to develop contracts and procedures to implement the new policy. Attorney Clifford Stromberg said the plan "addresses precisely the problems that have been identified" and imposes management controls for each area of concern.

Strengthening the authority of the dean is one of the major recommendations in the **Medical School management review** by Deloitte & Touche, a national management consulting firm. "You shouldn't have a situation where the dean is weak and not able to provide sufficient oversight," consultant Aaron Reynolds told the regents.

**Winston Wallin**, chair of the board and retired CEO of Medtronic, accepted an appointment in June as special assistant to President Hasselmo to "recommend plans to resolve major issues in the health sciences area." At Wallin's insistence, he will work without compensation.

**Shelley Chou**, professor emeritus and former head of neurosurgery, has been named interim dean of the Medical School and deputy vice president for medical affairs. David Brown resigned as dean of the Medical School effective June 30; he remains on the faculty as professor of pediatrics and laboratory medicine and pathology.

**Richard Elzay**, School of Dentistry dean,

has been named interim deputy vice president for health sciences. He has day-to-day administrative responsibilities for most of the health sciences, excluding the Medical School.

The **interim health sciences leadership team**—Wallin, Chou, and Elzay—spoke at a Medical School open forum July 26. Wallin stressed that the team will not be a caretaker group. Major changes are needed, he said. "We simply cannot afford to wait." Consultants from Deloitte & Touche have completed their work, he said; some but not all of their recommendations will be followed.

President Hasselmo was praised and challenged in his annual **performance review** by the regents. He has shown capable leadership, tenacity, and "commitment in grappling with formidable issues," the report says. The board reaffirmed its confidence in Hasselmo, noting his strong support from every group consulted during the review.

The challenges, which Hasselmo said he accepts enthusiastically, are to develop a strategic plan to guide the University into the 21st century, to strengthen and clarify the management infrastructure, to improve the budgeting process so the board's priorities are more readily reflected in the allocation of resources, and to develop an external relations program to secure public support for critical University priorities.

At the June regents' meeting, **Regent Jean Keffeler** was elected chair for 1993-95. Regent Thomas Reagan was elected vice chair.

**Three new Regents' Professors** were named: Willard Hartup, Regents' Professor of Child Development; Benjamin Liu, Regents' Professor of Mechanical Engineering; and Ronald Phillips, Regents' Professor of Agronomy and Plant Genetics.

The **Minnesota Supercomputer Center (MSC)** should continue to be owned by the University of Minnesota Foundation and the University, President Hasselmo told the regents in June. The MSC board was asked to "undertake a timely external review of the center's management, focusing on problems of communication and customer service." The center will provide annually a full confidential disclosure of its financial activities to the president of the University, the chair and vice chair of the regents, and any other regent who requests it.

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**HEART TO HEART**

I ENJOYED the March/April 1993 issue of *Mimesota*. The article "Heart to Heart" was very meaningful to me. During the early days of heart surgery, I received open-heart surgery at Mayo. The year was 1963. Dr. John Kirkland, who was my surgeon, worked with your professors to perfect the surgery. I shall always be grateful to your university for pioneering heart surgery and the part it played in saving my life.

RON PHILLIPS  
Director, Alumni Association  
University of Southern Mississippi  
Hattiesburg, Mississippi

I WAS very much interested in your heart attack articles because I had a heart attack two years ago, and mercifully survived. It didn't come with the crushing pain in the chest that is the stock description. The pain was below the chest and felt as though a fist was in there squeezing me. It was like no other pain I had ever felt. . . . I have adhered to the prescribed diet and regimen and have not had another attack, but had I not had prompt attention, I wouldn't be here now. I just had my 84th birthday, and doctors say there is no reason I should not survive into the next decade.

MRS. G. P. CARPENTER  
Bridgeport, Connecticut

I WRITE TO take issue with the article "Heart to Heart." The milestones described in the article are almost entirely surgical and disregard major medical advances. For example, world-renowned advances in drug therapy of heart failure have been developed at the University during the past twenty years. . . .



The "Alumni Who's Who" is particularly strange. It seems to disregard the fact that many University faculty also are alumni. It then lists alumni honored by *Mpls-St. Paul* magazine and somehow manages to include John Najarian (who is not an alumnus) but leaves out several other faculty (including me) who were listed in the magazine.

The "At the U" list is accurate, but by no means would the cardiologists want to be identified as "following in the tradition of C. Walton Lillehei." To continue to perpetuate the myth that cardiology is a surgical specialty is a disservice to the dedicated medicine faculty who . . . have helped make this institution a world leader in cardiovascular medicine.

JAY N. COHEN, M.D.  
Professor of Medicine  
Head, Cardiovascular Division  
University of Minnesota

**A MALE PERSPECTIVE**

IS IT JUST coincidence that five men wrote to protest "A Matter of Choice" (January/February 1993) Men from the pope to the Rev. Keith Tucci lead and foment mindless pronatalism under the slogan "prolife." I find this curious and disturbing. As a man, my biological role in reproduction is inseminator. If my "value" is not to make unwanted children, I know what not to do. Yet if I make one anyway, my fellow inseminators have made it easy. Just blame the woman and condemn her to pregnancy. Does anyone smell just a little patriarchy here?

Janet Benshoof apparently doesn't believe that the men of America are capable of choosing not to get women pregnant in the first place. Neither do most men, which makes it all the more important to keep blaming women in the name of the male deity. No wonder abortion has become such an issue.

DWIGHT ROBINSON  
St. Paul, Minnesota

**THANKS FOR THE MEMORIES**

THANK YOU for rekindling fond memories of football at Memorial Stadium from 1935 to 1945 ("The Last Hurrah," January/February 1993). My uncle, a cattle dealer, always reserved seats for my father and uncles on or near the 50-yard line in the South St. Paul Hookum Cows section. Although I had my student season ticket, I sat with the family whenever possible.

Not only did I watch great football on Saturdays, but several of the players were in my fall quarter speech class in 1942. We certainly learned some of the finer points of the game in their

speeches.

I, too, loved the marching band. One of highlights was seeing Benny Goodman play during one of the half-time performances.

Good luck to the alumni association in your new quarters at Coffman Memorial Union. Our 1941 University High School graduation took place there shortly after the union opened.

FRAYDA MEYERS COOPER  
Queensland, Australia

IT'S ABOUT TIME that the alumni association receives a thank you for the [Memorial Stadium] brick that was delivered to me last fall. I finally got it cleaned up, and I put it where I can see it. I remember when it was delivered—as I'd forgotten that it was coming. The man handed me the package, and I said "this feels like a brick"—and of course it was. It's fun having it.

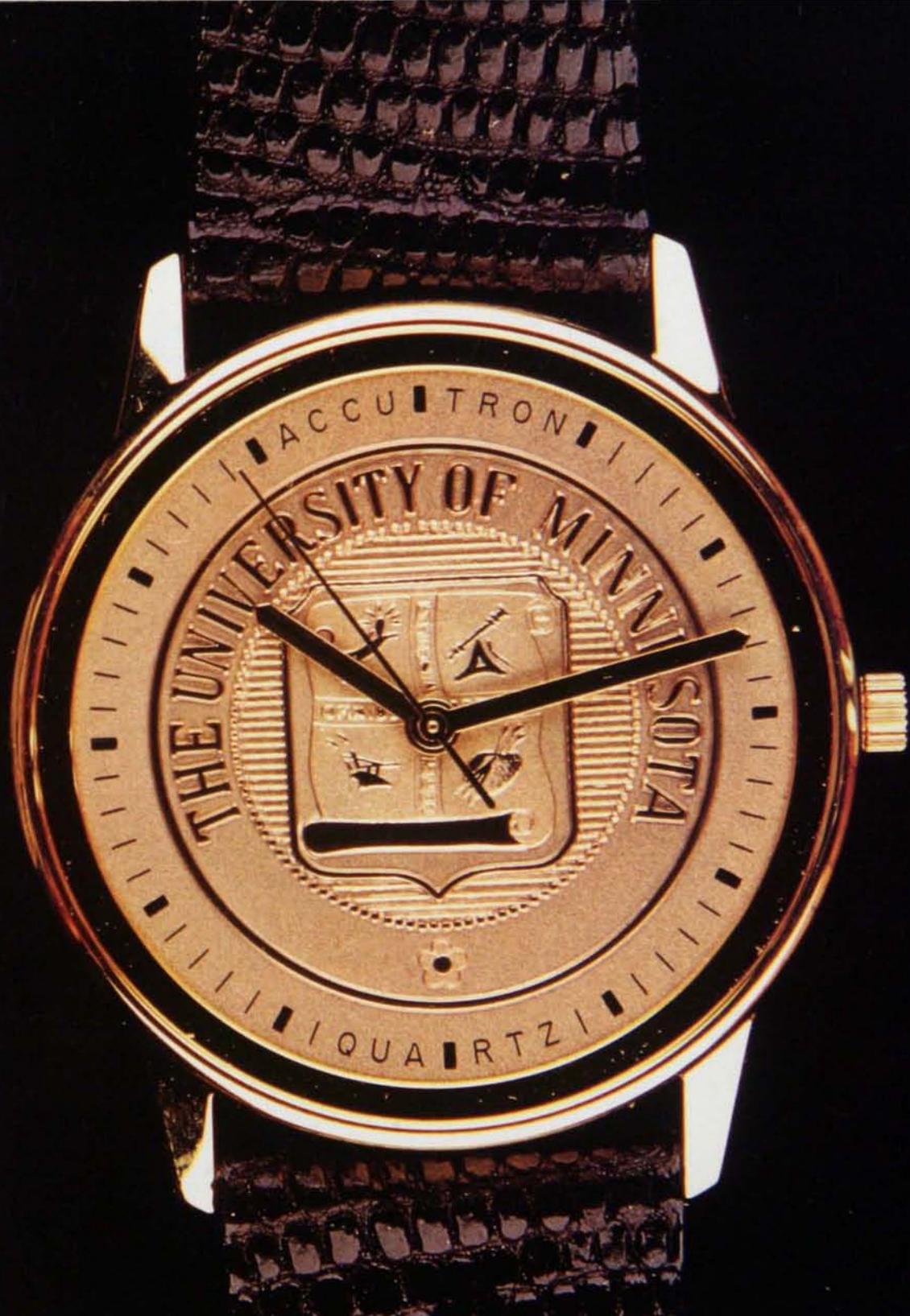
VERNA MIKESH  
St. Paul, Minnesota

**THE ANSWER IS YES**

DO YOU BELIEVE folks of 85 can still enjoy life? I was in the 1931 class at the "U of M." Most of us are gone, I will admit, but I'm still going strong. The best to you in keeping us all informed. Ed Haislet [former alumni association executive director] was such a good friend. Now Harrison Salisbury, Pulitzer Prize winner, is gone too. We graduated from South High in Minneapolis in 1925.

JUANITA ERICKSON, '31  
Venice, Florida

Letters may be edited for style, length, and clarity. Send your letters to the editor, *Mimesota*, 501 Coffman Memorial Union, 300 Washington Avenue SE, Minneapolis, MN 55455-0396.



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# Make the Connection

**T**HE UNIVERSITY is "one of the glories of this state," said alumnus Garrison Keillor at the 1992 University of Minnesota Alumni Association (UMAA) annual meeting. He went on to say that "you can have the biggest mall in America and the Super Bowl and all the glitz and glamour and promotion to go with it, and it isn't worth a hill of beans if you let public education slide."

These moving words were memorialized in a public service campaign in the months following Keillor's remarkable address on the quality of the teachers that he found at the University. Faculty, staff, students, and alumni told me that they walked a little taller because his remarks captured the essence of what is so right about the University—qualities that are seldom acknowledged by the news media. Some of these people went on to say, "I wish I could be as helpful as Keillor." Well, I invite them *and you* to join Keillor as an advocate for our institution through four simple steps.

- **Share your positive story with others.** While most of us do not have Keillor's magical touch with words, each of us has our own remarkable story about how the University changed our lives. Whenever you hear apathetic comments or unfair criticism of the University, ask for 60 seconds to share your observations. If you're like most of our alumni, you place a high value on the education you received here and have something important to say about it. What if nearly half a million other alumni joined Keillor in public support of the University? The cumulative effect of our good-news network would be a verbal landslide in support of the University.
- **Show your pride and spirit.** There is another very simple but important way to be visibly counted among our graduates. If your diploma is not displayed in a prominent place in your office or home, think about dusting it off and putting it in view. If you are introduced to a group, are interviewed by reporters, or are asked about your background for other reasons, mention that you are a University of Minnesota alumnus. Potential stu-

dents and their parents are always interested in institutions with successful graduates. And if you are the type of person to put a University decal on your car or wear Gopher gear, we thank you for being a moving billboard for the "U."

- **Join the alumni association.** The best way to make the connection is by joining the UMAA. The association's twin goals are to support the tradition of excellence in education and to enhance spirit and community at the University. You will be pleased to know that we have begun some new initiatives and programs during the past year, including an enhanced Alumni Legislative Network, an expanded mentoring network, and UMAA member discounts on selected merchandise at Twin Cities campus University bookstores. The benefits—both tangible and intangible—of joining the association are outlined in the brochure in the center of this issue. If you wish to join out of a sense of loyalty, for a chance to help students or provide a service to the University, or because you're interested in the benefits, this is the right connection for you. Your involvement is important, and your membership does make a difference. If you are already a UMAA member, you may want to establish a long-term relationship by becoming a life member.

- **Make a gift to the University.** Most people assume that the University is primarily supported by state tax dollars, but this is not true. Tax dollars provide a critical base of support—27 percent of the University's budget—but the remaining support comes from tuition, grants, and private giving. The University of Minnesota Foundation (UMF) is vigilant in reminding the legislature, the University, and donors that private contributions



Margaret Sughrue Carlson  
University of Minnesota  
'83 Ph.D.

cannot become the base funding for the institution, but that they do provide for the measure of excellence at the University. Through the UMF, you can give directly to fund student scholarships, ongoing collegiate programs, or special projects. There is a wonderful corps of loyal alumni who are both alumni association members and University donors, and I invite you to join them.

When I ask people who they think is most important in determining the fu-

ture of the University of Minnesota, they say the University president, the regents, the faculty, the governor, the state legislature—and in some cases the press—but I like to remind them that all these important and powerful individuals come and go. The permanent stakeholders are you, our alumni. One of the reasons why your membership makes a difference is that alumni like you have a unique University of Minnesota experience and perspective and people listen to you because your commitment comes from the heart. And you don't have to be a celebrity like Keillor. From the day you come to campus, you are family. And as such, you can help us uphold our tradition of excellence in education.

Keillor concluded his remarks at the UMAA annual meeting with this statement: "How lucky were we to come here. And now, in our University's hour of great danger and need, we should do the right thing and stand by her." I couldn't have said it better, so please join me and nearly half a million other alumni in echoing Keillor's sentiments throughout Minnesota and around the world.

*By Margaret Sughrue Carlson*

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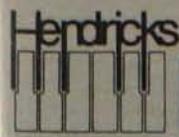
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• Collegiate alumni societies and geographic chapter outreach programs.

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• Other UMAA special events and activities.

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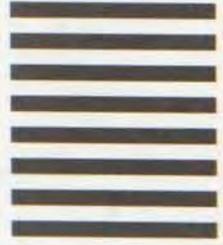


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