

THE MAGAZINE OF THE UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

# MINNESOTA

SEPTEMBER • OCTOBER 1995 \$2.95

## CHRIS DARKINS: Behind the Hype

ALSO INSIDE:

GREAT TEACHERS  
CHINA'S ALUMNI  
NEWS FROM THE U  
1995-96 CALENDAR

FALL PRE  
VIEW '95



## OK, now floor it.

Illogical? Of course. But all too often, organizational change efforts fail to reach much below the management level. So the goal of improved performance is never achieved.

Andersen Consulting can help you

create a seamless linkage of all of the essential enterprise components: strategy, technology, process and people. In this way, the entire organization gains speed and agility.

And a new era is off and running.

**ANDERSEN  
CONSULTING**  
ARTHUR ANDERSEN & CO., S.C.

# MINNESOTA

UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

## FEATURES

<b>Nils Looks Ahead</b> .....	<b>14</b>
University President Nils Hasselmo talks about his decision to retire in 1997, keeping U2000 on track, and his unyielding support for the institution he still loves. <i>As told to Teresa Scalzo</i>	
<b>Lessons in Preferred Maintenance</b> .....	<b>18</b>
When Sue Markham took control of the University's beleaguered physical plant five years ago, some people wondered if it was broken beyond repair. Markham's skill and determination have brought order and accountability where none existed before. <i>By Chuck Benda</i>	
<b>Building Bridges</b> .....	<b>26</b>
Excerpts from <i>Building Bridges: University of Minnesota Alumni in China</i> , a book edited by Professor Emeritus Chun-Jo Liu and published by the China Center on the Twin Cities campus to recognize and honor the Chinese students who have studied at the University of Minnesota during the past 70 years.	
<b>Minnesota's Teachers Hall of Fame</b> .....	<b>32</b>
Alumni honor seven of the University's finest faculty—past and present. <i>By Vicki Stavig</i>	
<b>Running on Faith</b> .....	<b>40</b>
Gopher running back and Heisman Trophy candidate Chris Darkins came from Houston to the University of Minnesota to win. Will his determination pay off? <i>By Brian Osberg</i>	
<b>Ready for Prime Time</b> .....	<b>45</b>
At last season's end, the men's tennis and gymnastics teams had won conference titles and the Gophers had maintained an overall second-place finish in the Big Ten. A sport-by-sport preview of what this season has to offer. <i>By Brad Ruiter</i>	
<b>Behind the Headlines</b> .....	<b>51</b>
Despite a tumultuous year, the women's athletic program broke records in academic standing, corporate sponsorship, and private giving and scored big points by hosting the NCAA basketball Final Four. A recap of last season and a preview of what's to come. <i>By Karen Roach</i>	
<b>Back-to-School Revolution</b> .....	<b>56</b>
Introducing the new and improved Continuing Education and Extension/University College, designed for the 21st century. <i>By Pamela LaVigne</i>	
<b>1995-96 U of M Calendar</b> .....	<b>72</b>
A year-long guide to Twin Cities campus activities and events, including lists of University phone numbers and places to park when you get here.	

## DEPARTMENTS

<b>Contributors</b> .....	<b>10</b>	<b>University of Minnesota</b>
<b>In Focus</b> .....	<b>12</b>	<b>Alumni Association Report</b> ...92
<b>Campus Digest</b> .....	<b>64</b>	<b>National President</b> .....92
<b>In Brief</b> .....	<b>70</b>	<b>Executive Director</b> .....97



Page 26



Page 73



Page 73

COVER: Photograph by Dan Vogel

“  
Quiet.  
Comfortable.  
Urbane.  
”

THE SUITES AT  
THE LUXEFORD  
ARE SPACIOUS,  
COMFORTABLE AND  
SUPREME  
AFFORDABLE.  
THE LUXEFORD,  
OFFERING A GENTLE  
ATMOSPHERE  
IN AN URBANE  
SETTING.



Hotel  
Luxeford  
Suites

In Downtown Minneapolis  
1101 LaSalle Avenue,  
Minneapolis, MN 55403  
Telephone 612-332-6800  
Toll Free 1-800-662-3232



## UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

The University of Minnesota Alumni Association connects alumni to the University, advocating and supporting excellence in education and building pride, spirit, and community.

### NATIONAL BOARD OF DIRECTORS

**Executive Director** Margaret Sughrue Carlson, '83

**National President** Linda Mona, '67

**Vice President** Marvin Trammel, '73

**Second Vice President** Ann Huntrods, '76

**Treasurer** James Stirratt, '66

**Secretary** John Bergstrom, '85

**Past President** Larry Laukka, '58

**At-Large Members** David Beaulieu, '70, '71, '73,  
Steve Couture, '79, Jean Fountain, '74, Curman Gaines, '89,  
Roxann Goertz, '77, Carol Johnson, '69, '80, Jay Kiedrowski, '71, '73,  
Tom Moe, '60, '63, Dale Olseth, '52, Joe Tennyson, '81

**Geographic Representatives** Dan Erkkila, '77, '82, '91,  
Mary Flinn, '46, Joe Gibilisco, '48, '51, Keith Krueger, '79, '81,  
Richard Lindgren, '67, Audrey Kuempel McGregor,  
Kati Sasseville, '73, Richard Whitney, '50

**Collegiate Alumni Society Representatives** Kristine Bettin, '73,  
Mark Bregmann, '78, Concha Brown, '87, M. Elizabeth Craig, '43, '44,  
Mary Craig, '93, Raymond Garland, '59, Curtis Green, '46,  
Bruce Hawkinson, '68, R. C. Johnson, '72, '82, C. David Jones, '61, '70,  
Howard Juni, '71, '74, Mark Lager, '83, Wendy Sharpe, '83,  
Patricia Todd, '90, '92, Ted Tulashie, '88, Anthony Yapel, '67

*Minnesota* is published bimonthly

by the University of Minnesota Alumni Association (UMAA) at  
501 Coffman Memorial Union, 300 Washington Avenue SE,  
Minneapolis, MN 55455-0396.

The UMAA sends *Minnesota* to dues-paying members; of the \$30 annual dues,  
\$4.80 is allocated for a subscription to six issues of the magazine.

Second-class postage pending at Minneapolis, Minnesota,  
and additional mailing offices.

POSTMASTER: Send address corrections to *Minnesota*,  
501 Coffman Memorial Union, 300 Washington Avenue SE,  
Minneapolis, MN 55455-0396.

*The University of Minnesota Alumni Association is committed to demonstrate, through its policies and actions, that all persons shall have equal access to its leadership opportunities, employment, and programs without regard to race, color, creed, religion, national origin, sex, age, marital status, disability, public assistance status, veteran status, or sexual orientation. Minnesota is available in alternative formats upon request.*

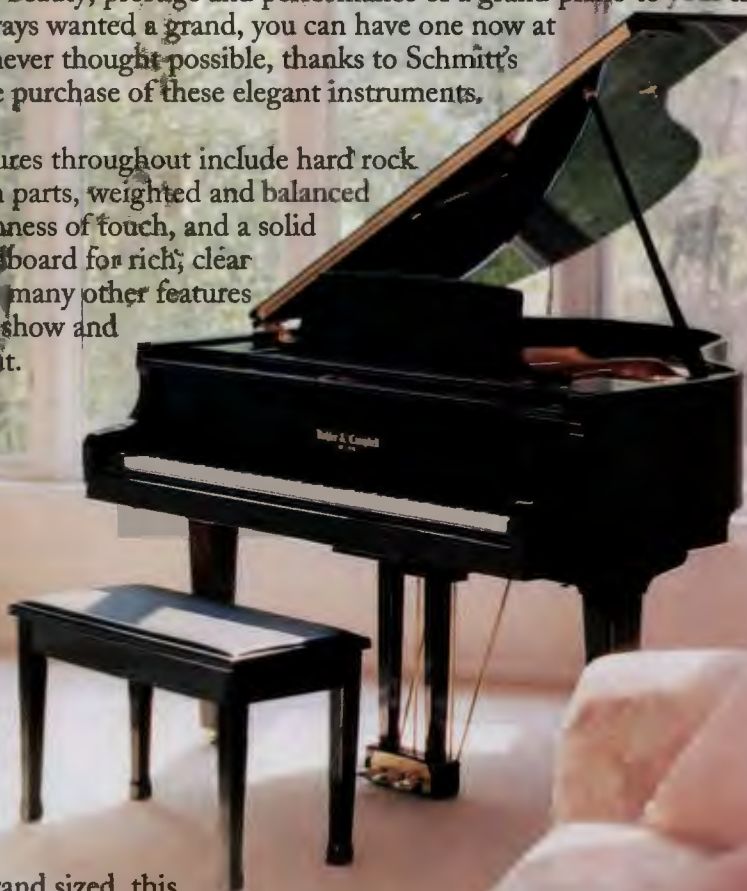
*Please call Pat Aukema at 612-626-4856.*

# Imagine this elegant Kohler & Campbell Grand Piano in your home.

Schmitt's volume purchase of heirloom-quality  
Kohler & Campbell Grands: Just \$5995.

Add the beauty, prestige and performance of a grand piano to your home. If you've always wanted a grand, you can have one now at a price you never thought possible, thanks to Schmitt's huge volume purchase of these elegant instruments.

Quality features throughout include hard rock maple action parts, weighted and balanced keys for evenness of touch, and a solid spruce soundboard for rich, clear sound - plus many other features we'd love to show and tell you about.



Baby grand sized, this piano will fit in almost any room setting. It's a decorator's delight in gleaming high polish ebony - ivory and mahogany priced slightly higher - complete with matching bench.

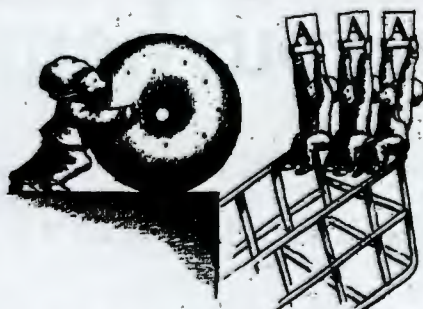
Visit a Schmitt Music Center soon. You'll be as impressed as we are.

*Model Home:  
Novak-Fleck, Inc.,  
Edinburgh USA*

Minneapolis,  
Edina Galleria, Minnetonka,  
Rosedale, Burnsville  
and Brooklyn Center

 schmitt  
music  
centers.

**Our bagels have to  
make the grade before  
they make the basket.**



At Bruegger's, our bagels are made with the freshest ingredients, kettle-boiled, and baked to a golden finish on a real stone hearth. And every single one has to be perfect. Because they're guaranteed. If you don't like them, we eat them ourselves. Not that we mind.

*fresh*  
**BRUEGGER'S BAGEL BAKERY®**  
TOTALLY COMPLETELY OBSESSED WITH FRESHNESS™

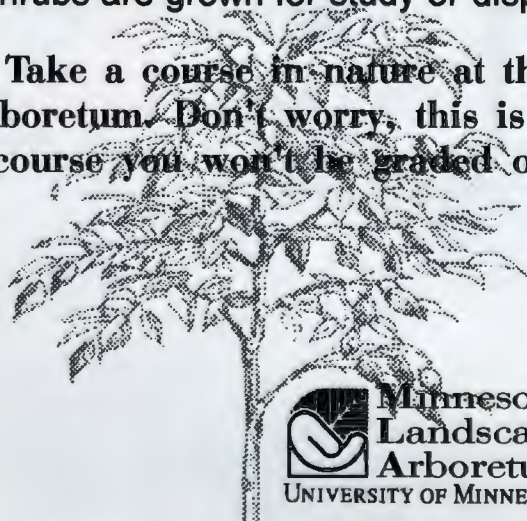
19 Neighborhood locations

**NOW OPEN**

Rochester • 102 Elton Hills Dr. N.W. • (507) 287-6045

**ar-bo-re-tum** n., pl. -tums, -ta [L.] a  
place where many kinds of trees and  
shrubs are grown for study or display

**Take a course in nature at the  
Arboretum. Don't worry, this is one  
course you won't be graded on!**



**Minnesota  
Landscape  
Arboretum**  
UNIVERSITY OF MINNESOTA

Located 9 miles west of 494 on Highway 5 in Chanhassen.  
Call 443-2460 ext. 102 for hours, directions and fees.

# MINNESOTA

THE MAGAZINE OF THE UNIVERSITY  
OF MINNESOTA ALUMNI ASSOCIATION

**Executive Director**  
Margaret Sughrue Carlson

**Editor**  
Jean Marie Hamilton

**Senior Editor**  
Teresa Scalzo

**Contributing Editor**  
Vicki Stavig

**Copy Editor**  
Lynn Marasco

**Production Assistant**  
Pat Aukema

**Student Assistant**  
Sara Hauber

**Design**  
Black Dog Graphics

**Staff Photographer**  
Charlie Gesell

## ADVERTISING

### Advertising

**Account Executives**  
Peggy Duffy Johnson,  
612-626-4886

Molly Conlin, 612-624-8490

### Advertising Coordinator

Pat Aukema, 626-4856

For advertising rates  
and information,  
call 800-UM-ALUMS  
or 612-624-2323;  
fax 612-626-8167.

*Minnesota* is published bimonthly  
by the University of Minnesota  
Alumni Association for its members.

Copyright ©1995 by the  
University of Minnesota  
Alumni Association,

501 Coffman Memorial Union,  
300 Washington Avenue SE,  
Minneapolis, MN 55455-0396;  
800-UM-ALUMS (862-5867),  
612-624-2323; fax 612-626-8167.

**BANTA** Publications Group

100 Banta Road  
Long Prairie, MN 56347-1903  
Printed in the United States



“Whatever  
your style,  
we can  
achieve it.”

**Steve Dawson,**  
Manager of Dayton's Interior Design Studio, invites  
you to talk with a designer.

“The ideal new home will be the result of a partnership between the builder, the designer and you. When you're purchasing through the Studio, the design services are complimentary. Call or visit one of our Interior Design Studios soon.”

**Minneapolis, 612-375-3483**

**Saint Paul, 612-292-5180**

**Southdale Home Store, 612-896-2188**

**Brookdale Home Store, 612-569-6920**

**Rosedale Home Store, 612-639-2055**

*Interior Design*

**S T U D I O**

**DAYTON'S**

# LEARN TO MAKE THE MOST OF YOUR LIFE.



*go for it!*

It's a fact! Your earning potential increases with higher education.\* A University of Minnesota degree, certificate or specialized career training can help position you for a better job and higher income. We're here to help adults like you reach your most ambitious goals, with the right classes, personal counseling and convenient services geared to your busy lifestyle. If you want to make the most of your life, learn more. Call us.

\*Kiplinger's Personal Finance Magazine, 4/95

**Call today for catalogs and to sign up for a free information session!**

**612-626-0822**

Or e-mail us at: [bulletin@mail.cee.umn.edu](mailto:bulletin@mail.cee.umn.edu)

CONTINUING EDUCATION AND EXTENSION / UNIVERSITY COLLEGE

## UNIVERSITY OF MINNESOTA

An equal opportunity educator and employer.  
CEE/UC publications and advertising are supported by tuition and fees paid by participants.



UNIVERSITY OF MINNESOTA  
ALUMNI ASSOCIATION

**COLLEGIATE ALUMNI SOCIETIES**  
Agricultural, Food, and Environmental Sciences; Allied Health (Nurse Anesthetists, Medical Technology, Mortuary Science, Occupational Therapy, Physical Therapy); Architecture and Landscape Architecture; Biological Sciences; Dentistry (Dental Hygiene); Education and Human Development; Human Ecology; Liberal Arts and University College (Band and Journalism and Mass Communication); Carlson School of Management; Medical; Natural Resources; Nursing; Pharmacy; Hubert H. Humphrey Institute of Public Affairs; Public Health; Institute of Technology; Veterinary Medicine

### CHAPTERS

Atlanta, Austin (Texas), Boston, Charlotte, Chicago, Cincinnati, Columbus, Dallas, Dayton, Denver, Des Moines, Detroit, Houston, Kansas City, Los Angeles, Madison, Milwaukee, Naples/Ft. Myers, New York City, Omaha, Philadelphia, Phoenix, Portland, Puget Sound, Raleigh/Durham, San Antonio, San Diego, San Francisco, Spokane, St. Louis, Sun Cities (Arizona), Suncoast (St. Petersburg/Clearwater/Tampa), Tucson/Green Valley, Washington, D.C.

### Minnesota

Austin/Albert Lea, Bemidji, Brainerd, Brown-Nicollet (New Ulm, Sleepy Eye), Fargo/Moorhead, Fergus Falls, Grand Rapids, Lincoln-Lyon (Marshall), Mankato, Martin County (Fairmont, Blue Earth), Red Wing, Redwood Falls, Rice-Steele (Northfield, Owatonna, Faribault), Rochester, St. Cloud, Wadena, Willmar, Wright County (Buffalo, Annandale)

### Make the University of Minnesota Connection

Membership is open to all past and present students, faculty, staff, and other friends of the University of Minnesota.

Annual dues are \$30 single and \$40 dual. Longer term and life memberships are also available.

To renew your membership, for change of address notification, or for more information on member benefits, services, and programs, call, write, or fax:

University of Minnesota  
Alumni Association  
501 Coffman Memorial Union  
300 Washington Avenue SE  
Minneapolis, MN 55455-0396  
800-UM-ALUMS (862-5867),  
612-624-2323 Fax: 612-626-8167



The University of Minnesota  
Alumni Association proudly presents...  
First in a collectible series

## The Official 1995 University of Minnesota Alumni Association Christmas Ornament

- An authentic, nostalgic portrayal of Northrop Auditorium, the cultural heart of the University of Minnesota and one of the most familiar landmarks on campus.
- Accurate in every detail, this outstanding ornament faithfully replicates the distinctive facade, columns and other features that highlight the 4,800-seat Grand Dame of Twin Cities theaters.

• Delicately etched in solid brass, it is finished in sparkling 24kt gold, balancing a special frost gold effect with shining gold reflections to capture every important detail of Northrop.

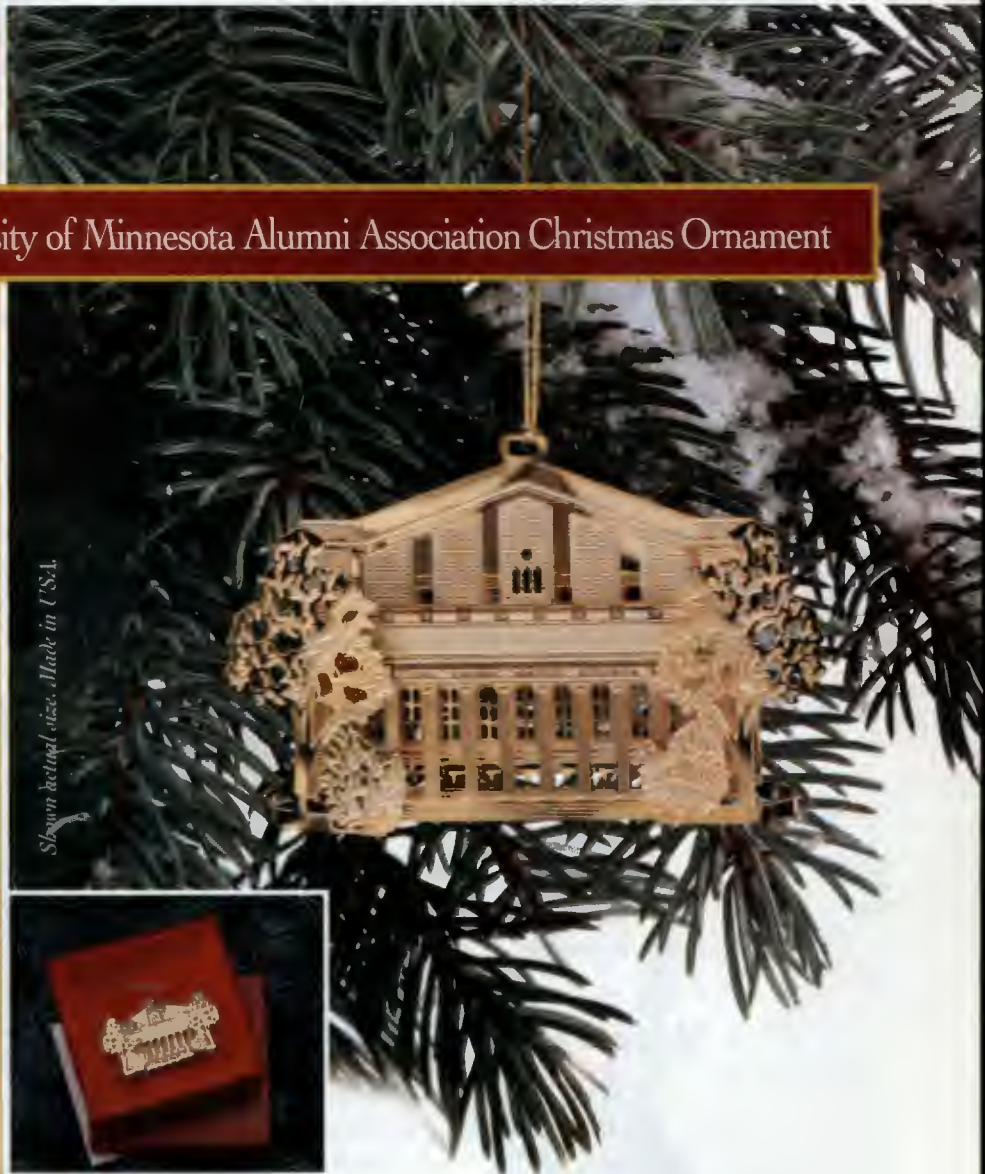
The extraordinary three-piece collectible is carefully hand assembled by skilled craftsmen.

- Perfect for trimming the Christmas tree, this original ornament creation with handsome gift box and descriptive literature is only \$19.95 and is available only through this special offering. To assure Christmas delivery, your order must be post-marked, faxed or telephoned by December 1, 1995.

• Mail Order: Complete Personal Reservation Form below. Make checks payable to Holiday Ornament.

• Call Toll Free: 1-800-889-6423 for credit card orders, weekdays 8am-5pm (ET).

• Fax: 1-401-435-5459 for credit card orders, 24 hours, 7 days a week.



*Shown actual size. Made in USA.*

### PERSONAL RESERVATION FORM

Please accept my order for \_\_\_ 1995 ornament(s) @ \$19.95\* per ornament, plus \$3.00 for shipping and handling per ornament.

\* On shipments to Rhode Island, please add state sales tax of \$1.61 per ornament.

- Enclosed is my check or money order made payable to: Holiday Ornaments.  
 Please charge my credit card on shipment: VISA  MasterCard

Card # \_\_\_\_\_ Exp. Date \_\_\_\_\_

*Please respond by December 1, 1995. Allow 3 to 6 weeks for delivery.*

Signature \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Daytime Telephone \_\_\_\_\_

Mail to: University of Minnesota Alumni Association  
c/o P.O. Box 9464, Providence, RI 02940-9464

*If "Ship To" Address is different from above, please attach correct address to order form.*

**WE MOVE EVERYTHING  
FROM MICE TO  
MASTERPIECES**



*Barrett* Moving & Storage knows how to move everything that's important to you. Whether we're moving your art galleries priceless works of art or your company's valuable computers, Barrett has the right attitude, and the right equipment, to do the job right. Call Barrett Moving & Storage for your next move. (612) 944-6550



**Barrett**  
MASTERS AT THE  
ART OF MOVING

*The U of M  
School of Music presents*

The 1995  
**Marching  
Band  
Indoor  
Concert**

**Eric A. Becher,**  
conductor

**Sunday, November 19  
3:00 p.m.  
Northrop Auditorium**

A rousing concert of Gopher favorites performed with all the flair you've come to expect from the University of Minnesota Marching Band.

Tickets: \$7 adults,  
\$5 ages 12 and under,  
group discounts available

**612/624-2345**



*Contributors*

**Chuck Benda** is a writer based in Hastings, Minnesota, who specializes in business and technology. He is managing editor of *Inventing Tomorrow*, the alumni magazine of the University's Institute of Technology, which recently won a Silver Medal Award from the Council for the Advancement and Support of Education for most improved periodical.

**Doug Knutson** has taken photographs for *Adweek*, *Sports Illustrated*, and *BusinessWeek*. This fall, Luther College in Decorah, Iowa, will exhibit some of Knutson's black and white portraits, whose subjects include Secretary of Health and Human Services Donna Shalala, poet Allen Ginsberg, and actor James Earl Jones.

**Pamela LaVigne** has written about the University of Minnesota for twenty years—first as a staff writer and editor, and now as a freelancer. For the past several years, she has taught a popular copyediting course in the Compleat Scholar division of Continuing Education and Extension.

**Chun-jo Liu**, a professor emeritus in the University's Institute of Languages and Literature, edited *Building Bridges*, a "celebration of the Chinese Students Study Abroad Program, which was proclaimed in a formal decree by Emperor Guangxu on September 17, 1901." Liu worked closely with David Pui, director of the University's China Center, who conceived the idea for the book. "Rather than picturing our alumni in the traditional Chinese imagery as a forest of scholars," says Liu, "we want to see them as builders of bridges—bridges spanning the Pacific, bridges across the mountain streams, and bridges like rainbows girding around the earth."



Left to right, Zhang Yun, Chun-jo Liu, and David Pui



Robert Andrew Parker


**Robert Andrew Parker** is an illustrator who lives in West Cornwall, Connecticut. Critics say he has "raised the simple, childlike scribble to a high form of illustration" and "imbued illustration with a painterly whimsy." While he was a student at the Art Institute of Chicago, Parker says, he would "buy paperbacks that had ugly covers and . . . make my own." His first major exposure was "The Imaginary War," a series of battle pictures originally made for his son, published in *Esquire* in the early 1960s. Parker has taught at art schools in Maine, New York, and Amsterdam, and travels around the world on journalistic assignments. He once described himself as "an expressionist with banana yellow and shrimp pink."

**Brad Ruiter** is a graduate student at the University and an intern in the men's athletics department. He was a media relations assistant for the St. Paul Saints baseball team.

**Brian Osberg**, '73, '86, writes about men's sports for *Minnesota*.

**Maureen Smith** is a writer and editor for University Relations. She edits *Brief*, a weekly news bulletin for all four University campuses, and is co-editor of *Kiosk*, a new publication by and for faculty and staff.

IT DOESN'T TAKE  
**LONG**  
TO LEARN THE  
*Value*  
OF  
**MONEY**



For a lot of us, it started with our allowance. Getting hired to cut the grass. Doing some baby-sitting. Or working a paper route. Before you knew it, you figured out if you managed your money well, you could get the things you wanted. Or at least what your parents wanted you to have. It doesn't take long to learn the value of money. Nobody understands how to help you manage your money better than we do. For the past 100 years, people have been looking to us to help them get the most out of their investments. We can do the same for you.

*Minneapolis*  
612 342-5800 1 800 333-6000

*Bloomington*  
612 921-7900 1 800 444-3810

*St. Paul*  
612 298-1616 1 800 444-0582

PIPER JAFFRAY

LOOKING TOWARD THE FUTURE SINCE 1895™

©1995 Member SIPC, NYSE, Inc.





Supporting "PARTNERS"  
U of M Veterinary  
Teaching Hospital

Together we can make a difference!  
When you sell or buy a home  
through me, I will return a percentage  
of my income to "PARTNERS."

Please call:

**GLORIA BROWNLEE**



Direct Line: 946-1688

Home Office: 941-8900

*25 Years of Experience  
with a Personal Touch*

Leading Edge Society • President's Club  
Circle of Excellence Club



## In Focus

# The Inside Perspective

Welcome to Minnesota's fifth annual Fall Preview Issue highlighting what's new at the University of Minnesota for the coming year. The issue also begins the magazine's 94th year of bringing alumni the inside perspective on the achievements of students and faculty, on issues that are affecting the University and ultimately the value of their degrees, and on how alumni are leading their professions, communities, and the state and speaking out in support of the University.

If there is a theme for this issue, it is a behind-the-scenes look at the people—students,



Jean Marie Hamilton

faculty, and administrators—who make the University what it is today. We have gone beyond the headlines to give you the perspectives of Nils Hasselmo as he wrestles with the decision to retire from the presidency of the university he loves; of facilities management associate vice president Sue Markham, who found herself in the hot seat with the gargantuan task of bringing business sense and practices to an out-of-control physical plant; of women's athletic director Chris Voelz as she makes complicated personnel decisions in the full glare of the media; of a dean and his co-workers as they reinvent Continuing Education and Extension for a new age; of Gopher football running back Chris Darkins and the other men and women student-athletes we turn to make us feel good about the U, to make us proud.

This issue is also a salute to the teachers and mentors who have changed the lives of hundreds of thousands of University alumni from Minnesota to China and places in between. We have once again asked alumni to nominate teachers for our Teachers Hall of Fame. The teachers they have chosen remind us that the best and brightest are not only great teachers, they are outstanding researchers and public servants who bring higher education to life on many levels.

From China come the voices of thousands of alumni who have made the trip to the campuses of the University of Minnesota to study and to learn and returned to their homeland to modernize an ancient land. Their stories have been gathered together by the University's China Center and published in a remarkable little book, *Building Bridges: University of Minnesota Alumni in China*, which President Hasselmo will take with him as he visits China, Taiwan, Japan, and Korea in October. From these world-class scholars, scientists, teachers, and leaders comes an outpouring of thanks to the University faculty members who have been teachers, mentors, and friends. The world is a smaller place because of them.

If you are a member of the University of Minnesota Alumni Association, you receive *Minnesota* six times a year as a benefit of membership. If you are not a member, you are receiving a complimentary copy thanks to alumni and partners from the University and business communities who support the magazine with their membership dues and advertising.

*Minnesota* is a great way to make the University of Minnesota connection. We hope you'll join us—and the association—as we begin our 94th year.

—The Editor

### World-Class Performances Ted Mann Concert Hall

**Keiko Abe**, marimbist, Michigan Chamber Players, & **Fernando Mesa**, percussionist. Sat, Sept. 23, 8 p.m.  
\$15 gen'l adm./\$10 students, seniors

**Christian Lindberg**, trombonist  
Thurs., Sept. 28, 8 p.m.  
\$10 gen'l adm./\$7.50 students, seniors

Works of **David Evan Thomas**, world premiere of *Moonlight on a Midnight Stream*, performed by U of M faculty members. Sun., Oct. 8, 5 p.m. Free.

**Jorma Hynninen**, baritone, Finnish National Opera, soloist, Sun., Oct. 15, 3 p.m. \$10 gen'l adm./\$5 students

Tickets available by calling 612-624-2345. For information on other School of Music events call 626-8742.

UNIVERSITY OF MINNESOTA



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



*Your support*

MAKES

*a difference*

*a* s a high school student I was told I'd never make it in college. Receiving a Nolte Scholarship was the first indication in my life that I was capable of academic success."

Today Patricia Bungert has been accepted into a Ph.D. program in the College of Natural Resources at the University of Minnesota. With the support and encouragement of her daughter Nicole, Patricia recently finished her undergraduate studies through Continuing Education and Extension. Her major was International Relations with an environmental emphasis.



**Jim Campbell, '64**  
1995-96 Annual Fund Chair  
President and CEO,  
Norwest Bank  
Minnesota, N.A.

*Patricia's story is just one of many told by students and faculty at the University of Minnesota who are helped each year through donations from alumni and friends. The Annual Fund drive is a convenient way for you to give. Your gift to the University truly makes a difference — it supports scholarships, facilities and equipment, and special academic programs. You will be contacted by phone*

University of Minnesota  
**FOUNDATION**

University of Minnesota Foundation, 1300 South Second Street, Suite 200  
Minneapolis, MN 55454-1029 or call 612-624-3333 or 800-775-2187

The **U&you**  
You Make the Difference

# Nils Looks Ahead

as told to Teresa Scalzo

**O**n July 14 University President Nils Hasselmo accepted a two-year contract from the Board of Regents, and announced that he would retire on June 30, 1997, the day his contract expires. Minnesota asked President Hasselmo why he decided to retire, what accomplishments he is most proud of, and what he hopes to achieve in the next two years.

I will be 65 when I retire—only a day or two away from being 66, if you're going to be really technical about it. I came to administration [in 1989] from the faculty, and I still regard myself as a faculty member. I am deeply interested in the intellectual agendas of universities. I have been given the opportunity and the responsibility to take on increasingly difficult and responsible administrative assignments, but I feel that in my ninth year, I'm entitled to go on and do some other things.

People ask how I arrived at my decision. Careful thought. I don't mean to sound glib about it, but that's the answer. Many factors affected my decision. In no particular order: family, U2000 [the University's strategic plan] and two years opportunity to work on it, length of time in office, long-held assumptions about a rational retirement age, and my remaining time and energy for other personal and academic interests.

It was certainly a difficult decision to make. It's a decision that affects people, programs, ideas, and a university that I care about deeply. I felt no pressure to retire—except from myself. Contrary to perception, there *are* some decisions that a University of Minnesota president can make without wide and protracted consultation. This was one of them.

Speculation about my retirement came out of the blue in a [Twin Cities] newspaper article in April and, at that time, we were in the midst of a legislative session. Although it was my intention [to retire] and it had been my intention for some time, I didn't feel that this was something I should argue in the news-

paper. This was something I should discuss with the Board of Regents. I felt that it was not the time to make such announcements and that the appropriate time was in connection with the board meeting in July when the regents usually evaluate my performance. At that time, they asked me to stay for another two years instead of offering me the usual one-year arrangement. The fact that the regents have given me a contract that is twice as long as usual strongly reinforces the support that they have consistently given to U2000 and to University reorganization. It was a clear marching order and license to get on with that agenda. At that time, I felt it was appropriate to say simply that yes, I would take on two more years, but that's it. So that's the way it played itself out. There was no change in my plans between April and July. It was simply a matter of timing, and the appropriateness of how you make those announcements.

The media played no role in my decision, other than they reported it. The recent controversies [surrounding the athletic departments, the Medical School, contract buyouts, etc.] played a part only in that they contributed to the general wear and tear.

The presidency is not the world's easiest job. It is both a wonderful and a difficult job, with expectations, demands, and possibilities that compete almost constantly with personal and family considerations. Some days I give three or four speeches and have to be at ceremonial occasions late into the evening. At the same time, management issues arise every day and I have to be involved in addressing those. And then, of course, I have a range



of internal contacts that have to be maintained within the University. It's a full agenda. That's part of the territory. You know that going in, and you accept that competition for time and energy because the work is important and you simply do your best to find some kind of balance that you can live with. After six and a half years of that balancing act, it's comforting to see a definite time ahead when the balance will tip back to family and personal choices.

I had expected that I was going to be in this job for five years, and I find myself in my seventh year. I have extended my tenure in office beyond what I had expected because of the nature of the agenda that we have at the University. And that, of course, is a very comprehensive change in the institution, defining its aspirations to achieve quality in everything we do, narrowing the focus of what the University does, making sure that we have an organization that can function effectively, an administrative structure that can provide leadership at appropriate levels for the institution, and services in place to support the work of the faculty and staff in carrying out the University's research, teaching, and outreach missions. That whole sweep of issues, which are of great magnitude and great complexity, that's the agenda, and I have been working for the past six and a half years to try to shape and implement it. I felt that in another two years I will have done what I can do and it will be time for somebody else to come in and continue because obviously that agenda is never finished.

**I** think it's absolutely essential that a new president want to implement his or her *approach* to strategic planning. There's a difference between that and implementing his or her own strategic plan.

When I became president, I very much wanted to tie into the agenda that [former University President Ken] Keller had established. It was quite clear that we had to go about it in entirely different ways because that agenda had been shot to pieces and was in a shambles, but it was a sound basic agenda and I wanted to pursue it. I had to redo the process, and that took quite a bit of time. And I expect that a new president is going to have to develop his or her own approaches and strategies toward achieving the goals of U2000, but I certainly hope that the new president will be attuned to the basic aims and purposes and aspirations of the agenda that we have established.

It's not a matter of a president imposing his or her vision on the University; the University community has to embrace a vision if it is going to work. And I believe that we have with the faculty a substantial agreement about the vision of this as a leading research university with quality in research, graduate, undergraduate, and professional education, and with a strong outreach function that draws on the research and educational resources of the University. But there are lots of questions that have to be addressed continuously, such as how do you achieve those particular objectives with the kind of diminished public investment in education that we're seeing at both the federal and state level?

**“Y**ou must be able to both tell the time and build the clock. No matter how complex the institution—and its strategic plan—may be, a president must be able to capture and communicate the essentials to audiences whose time and, yes, day to day interest may be very limited.”

So above all, before I retire, I want to make University 2000 an agenda that the University community can rally behind. My main focus over the next two years is to create a sense of understanding within the University community of what U2000 is, to make it an agenda within which people can operate, and to help people see what they do as an integral part of U2000.

Things are being done now that are very much part of U2000, but it is not seen that way. For example, we have made some substantial improvements in undergraduate education. We have reinvested over \$10 million in the undergraduate initiative under very difficult circumstances, but it has paid off very well. Freshmen come to us better prepared. Graduation rates are going up. We have better instructional technology. We have restructured the number of freshman and sophomore courses. All of those things are very much part of U2000. I believe we are on our way to defining a truly outstanding undergraduate experience in the context of a research university and that's the reason applications to the College of Liberal Arts are up by 34 percent. We lead the Big Ten in freshman applications this year. I think that that is directly related to the fact that we have restructured and improved the undergraduate experience, including the recruitment process and the admissions process. We still have many things to do, but that is a very tangible area of improvement.

People recognize that these things have happened. People think they are good, but then they ask, “What is U2000 about?” Well, that's what it's about. That's what it is. I want to help people understand that. It is not something mysterious out there that we can't explain. It's investing in a new building for the Carlson School of Management so that we can make that a prominent business school. It's investing in the basic sciences building to ensure that the health sciences research stays in a national leadership position in selected areas. All of these things are U2000. And I hope that we can communicate that, not because U2000 should be sold at all costs, but because I think we need a sense of unifying principles and goals and aspirations for the institution, and a sense that all of these actions are leading in well-defined and important directions. If we can do that, then I think we will have a foundation for the next president, the next administration, to build on.

**T**he University of Minnesota presidency is a job that requires many things. At different stages in the development of a university, different skills and experiences are useful. I believe that it is very important that university presidents come out of the faculty experience, that they are thoroughly familiar with and embrace the basic values of a university, because universities are not just big, complex corporations delivering products. Universities are at their

essence intellectual communities, and the president has to be comfortable with and understand that. They are also very complicated corporations with a broad spectrum of management challenges: financial, physical facilities, personnel. The president has to understand enough about management to be able to ensure that those concerns are addressed properly as well.

There's a real tension right now between universities as intellectual communities and universities as large, complex corporations, and the Board of Regents must select leadership that can reconcile this tension. But my feeling is that the president has to have a strong foundation on the side of universities as intellectual communities.

A president should also have institutional loyalty, and by that I don't mean alma mater loyalty. You don't have to come from the institution, but you do have to be able to put institutional interests way ahead of personal interests—yours and others'. You have to be able to make decisions that are in the interest of the institution but exceedingly unpopular with powerful interests and individuals.

A president must have the patience of Job. Most candidates already know about this, but job descriptions tend to gloss over the “rain of toads” part.

You must be able to both tell the time and build the clock. No matter how complex the institution—and its strategic plan—may be, a president must be able to capture and communicate the essentials to audiences whose time and, yes, day to day interest may be very limited. Then again, some want to hear about every gear and sprocket.

**O**ne thing that I keep saying is that if all Minnesotans knew everything there is to know about the University of Minnesota, they would be very pleased and satisfied that they have an outstanding university with faculty and staff who are very capable, hardworking, and dedicated to what they do. My deepest regret is that this fact is hidden from view by the problems that we've had. The problems are undeniable. Some of them are longstanding, some are problems that we share with every university in the country, some are of our own making, but they all tend to overshadow what the University really is about and what it really does contribute to the state. It's an outstanding institution. Yes, we have problems, but those problems have been tackled unrelentingly, honestly, and, I think, effectively. If I could get that message to all 4.3 million Minnesotans, I would be very satisfied. And that's one thing I will keep working on.

Above all, I would like to see the broader University community confident that in spite of all the problems facing society and higher education today, the University of Minnesota will be a leading university in the 21st century. ■



Norwest Investment Management and Trust

"If your financial advisor  
doesn't return your  
calls, get yourself  
a new advisor."

*Jan Margotto, C.F.A.  
Portfolio Manager  
Norwest Investment Management and Trust*

# RESPONSIVENESS

*Responsive service is a key to any successful investment relationship. The Norwest Investment Management and Trust businesses have made responsiveness a cornerstone of our investment process for over a century. Today we manage over \$16 billion in assets for investors large and small. Call us today and find out how our investment expertise and responsiveness can help you achieve your financial goals. For more information, call 667-5173.*

---

Norwest Investment Management & Trust

---



To The **N**<sup>th</sup> Degree™

# Lessons in Preferred Maintenance

**Sue Markham** called on business, labor, and candor to turn around the \$3 billion behemoth that is the University of Minnesota physical plant—and nearly buried herself in the process

IN AUGUST 1988, after completing what was then the most extensive audit of a public institution ever conducted in the state of Minnesota, Jim Nobles, the state legislative auditor, delivered a scathing indictment of the University's physical plant operations. Nobles listed problems up and down the line: lack of modern management systems, grossly overpriced services, job planning and tracking systems so antiquated it was almost impossible to calculate the total cost of a renovation project. When the dust settled, University administrators looked long and hard to find a person to serve as head of the physical plant who was both willing and able to jump into the middle of the controversy and put the University's house back in order. They found Sue Markham.

"From reading the auditor's report, it looked like there were significant problems in the organization, but they appeared to be just management-based problems," says Markham, 47, who was working as director of property management for Hennepin County when the University offered her the job as assistant vice president for the physical plant. "I was naive. The troubles were legion. The financial management systems were archaic. There had been no depreciation of buildings on financial

statements, no cost accountability at all. The place was being held together by chewing gum and baling wire."

Markham had learned the business of property management from the bottom up during her eighteen-year tenure with Hennepin County. She had once intended to become a lawyer, having earned a bachelor's degree in political science from the University of Colorado in 1970. She started law school but after a year was offered a job as a public policy planner and coordinator in the Hennepin County criminal justice system. While she was working there, Markham earned a master's degree in teaching from the College of St. Thomas, but she never returned to law school. In 1977 she moved into the property management side of things



at Hennepin County. She learned the business from a number of “terrific mentors” as she made the climb to the top in property management in Hennepin County. Gus Donhowe, then senior vice president for finance, recruited Markham to the University.

“Gus convinced me that the University was a place where my efforts could really make a difference,” Markham says. What Donhowe didn’t tell her—and couldn’t really know—is that the challenges she was about to face might prove to be more than she could handle. “I realized very quickly that this place was so broken I could easily bury myself if I wasn’t careful,” Markham says.

The University posed unique challenges for Markham, despite

her years of experience and success at Hennepin County. The magnitude and scope of the physical plant make it one of the largest in the nation. The University has some \$3 billion worth of physical assets, including more than 19 million square feet of building space on the Twin Cities campus alone (more than all the office space in downtown Minneapolis). Approximately 2.1 million square feet (the equivalent of all the retail space in the Mall of America) are dedicated to laboratories, which are expensive and difficult to maintain. Facilities under Markham’s management range from medical clinics to libraries to high-tech clean rooms with fifteen air exchanges per hour to animal waste dis-

positional facilities on the St. Paul campus. The University has three steam production plants (producing two and a half times the annual energy output of the downtown Minneapolis district energy system) and eleven miles of steam distribution tunnels. There are 46 miles of University-owned sidewalks to shovel in the winter and 9,000 tons of garbage to dispose of every year.

The legislative auditor's report identified many of the problems confronting Markham. "Three things from that report stuck in people's minds," Markham says. "The physical plant had a dys-

## **"I was naive. The troubles were legion. The place was being held together by chewing gum and baling wire."**

functional organizational structure, the cost of maintenance services exceeded industry norms, and the organization lacked appropriate business systems—both in terms of technology such as computerized record-keeping systems and in terms of basic systems and work methods.

"There were multiple central shops: an electrical shop, a pipefitting shop, a carpenter's shop—we even had a shop that just did window shades. And each shop had its own organizational hierarchy. These shops issued paper work orders. A single job might involve several different crafts—plumbers, electricians, carpenters, and so forth—so one job could involve multiple work orders."

The paper blizzard that ensued was nearly indecipherable. It was next to impossible to track the total cost of any job. The organization had no overall financial management system or comprehensive planning. Work was neither planned nor scheduled.

"Work was done on an as-it-came-in basis," says Markham. "In a small environment one could do that, but not in a university where day in and day out there are competing demands for services—and inadequate resources for all the jobs that needed to be done. The only thing that kept this place going was a group of extremely loyal, dedicated employees."

The obvious problems were further complicated by a hidden nightmare—a huge backlog of deferred maintenance. Because the University did not practice "full cost accounting" (programs were not charged the full amount it cost to operate their facilities inclusive of annual depreciation) and because for several years the budget for physical plant operations was not increased to cover the cost of operating new buildings as they were acquired or constructed, the budget was never large enough to cover basic maintenance costs.

"We're talking about the day-to-day activities you need to perform," Markham says. "Oiling a compressor motor, checking belts. Estimates placed the total deferred maintenance at about \$200 million when I signed on but no one really knew. As it turned out, the problem was far worse. Actually it was more than \$800 million in deferred renewal of major building systems and it was growing at about \$20 million a year. Now it stands at \$900 million.

"The motor fails if you don't take care of it and then it has to be replaced," Markham says. "It's one of those situations where you

can pay me now—or you can pay me a lot more later."

Markham dug in with tenacity. One of the first orders of business was to negotiate a labor contract with the skilled tradespeople working in physical plant who represented nineteen different union locals. Since one of the biggest complaints of the auditor's report was that the cost of providing services was too high, Markham knew she would have to negotiate some concessions from the unions to bring costs back in line.

Union representatives may have been skeptical negotiating with a woman in an arena that is so thoroughly dominated by men, but after going eyeball to eyeball with Markham, they agreed some changes were in order. One representative who had described the negotiations as war—promising that "we'll do battle again"—left the negotiations saying he admired Markham. She was able to convince the unions that the University offered workers some advantages they couldn't find

in the regular construction workplace—such as guaranteed 40 hours of work per week, year round—and they agreed to bring costs back in line with industry standards.

With a new labor agreement in place, Markham addressed the more serious administrative and organizational inadequacies. As she has done throughout her career, she sought the advice of other experts.

"We convinced hundreds of businesspeople from the private sector to give us a day of their time, to sit down with us and look at what we were doing and determine what's right and what's wrong with our operation," says Markham. "There was no need for us to reinvent the wheel. All we really had to do is get back to good business practices."

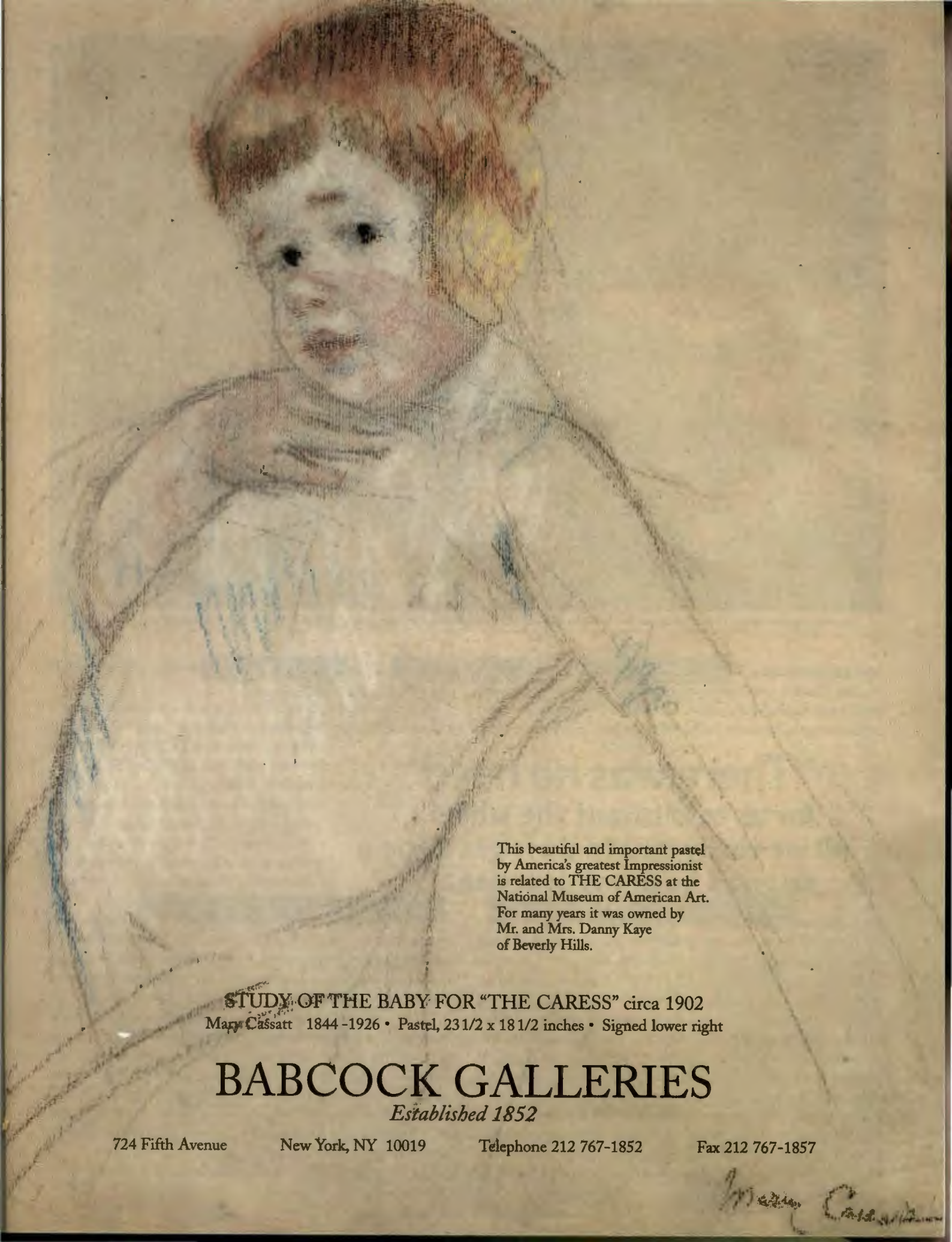
C. Jay Sleiter, '71, was among those who loaned their expertise to the reorganization process. Sleiter is president of BWBR, a St. Paul architecture firm that works with a number of institutional clients, including the University of Minnesota and Hamline University.

"I was very impressed," says Sleiter. "She's a very good listener, and she quickly picked up on those suggestions that were well-suited to her needs. One thing we talked about was the fact that the University used in-house architects and engineers to work with contractors during the construction phase on projects that were designed by outside firms. Every other client we worked with used the services of the design firm through completion of the construction phase. That gives a better product. It's more logical and cost effective."

"We really needed to identify what we did well and what we didn't do well," says Markham. "These people gave us the concept for decentralizing the organizational structure, eliminating the multiple central shops, and dividing the University into service zones organized around our 'customers.'"

Soon after Markham came on board, two departments—Physical Planning, which consisted of the architecture and engineering group, and Physical Plant, which was the operations group—were joined together and renamed Facilities Management. Markham's title was changed to associate vice president for facilities management, but her task was still the same: to gain control of the behemoth that is the University's physical plant.

The simple reorganization that brought the planning and maintenance personnel under one umbrella was relatively painless. The



This beautiful and important pastel  
by America's greatest Impressionist  
is related to THE CARESS at the  
National Museum of American Art.  
For many years it was owned by  
Mr. and Mrs. Danny Kaye  
of Beverly Hills.

**STUDY OF THE BABY FOR "THE CARESS" circa 1902**  
Mary Cassatt 1844 -1926 • Pastel, 23 1/2 x 18 1/2 inches • Signed lower right

**BABCOCK GALLERIES**

*Established 1852*

724 Fifth Avenue

New York, NY 10019

Telephone 212 767-1852

Fax 212 767-1857

*Mary Cassatt*



Sue Markham oversees 19 million square feet of building space on the Twin Cities campus, more than all the office space in downtown Minneapolis.

internal restructuring that ensued was not. Some four years after the fact, Markham still becomes somber when she reflects on the hard decisions she had to make. More than 300 people were laid off, including 65 percent of top-level managers, 35 percent of mid-

## **“There was no need for us to reinvent the wheel. All we really had to do is get back to good business practices.”**

dle-level managers, and 24 percent of on-the-line workers. “It was very painful,” she recalls. “But there was no other option. We had to cut the number of jobs to get things in line.”

Markham worked herself hard to “get things in line,” often spending 60 or 70 or more hours a week at her job. While she made great progress on the job front, she suffered personally and finally had to pull back a little. “The first year I ended up in the hospital [suffering from physical exhaustion],” she says. “There was just so much to do, I ran myself into the ground. I had to learn to set some boundaries and take care of my personal life.”

Perhaps the one thing that enabled her to do that was her belief that, despite the difficulties, the system could be salvaged by a straightforward return to sound basic business practices. Instead of fighting individual brushfires, Markham focused on creating a

healthy organization, believing that the individual problems would get solved in the process.

“First we created a sound foundation in a decentralized organizational structure that reflects our customer base,” she says. The central shops were eliminated and seven service zones—St. Paul, West Bank, health sciences, athletics, College of Liberal Arts, Institute of Technology, and off campus—were created. Each zone has a service desk located centrally within the zone. Customers—faculty, administration, and so forth—who need a plumber or an electrician simply call their service desk.

“Second, we created a sound financial management system where there was none,” Markham says. “Today, we have in place a comprehensive programmatic budget process for our 30 remaining business segments. We issue monthly and quarterly financial statements and engage in five-year budget forecasting.

“Third, we brought the latest tools of technology to our trade, installing automated work management systems, including inventory control and invoicing and payment systems. Now we can bring jobs up on a computer in a manner of seconds and the computer will show the multiple tradespeople working on any given job. It will tell you how many hours were put in by which worker and at what cost—and it will list all of the parts and materials that were ordered for that job.”

To reduce the \$900 million backlog in building renewal, every

# One of the Midwest's Most Successful Investment Firms was Built by Alumni Like You.

## Dain Bosworth

Serving Investors Since 1909 • Member NYSE • SIPC



At Dain Bosworth many of our top local investment professionals are University of Minnesota alumni. Our long-standing reputation for providing quality investment services to a wide range of investors has built Dain Bosworth's level of assets under administration to over \$20 billion.

Sound advice, superior service and timely information are Dain Bosworth's hallmarks. Call one of us today and begin putting the power of Dain Bosworth to work for you.

### Carlson Center

476-3700

Joanne Augst-Johnson  
Peter Carlson  
Jim Dutcher  
Tom Hickman  
Rick Ketcher  
John Qualy  
Curt Wall

### Wayzata

476-0555

Daryl Clark  
Jeff Farni  
David Schonebaum

### St. Paul

228-6900

Patrick Brady  
Patrick Murphy  
Jeff Noble  
Jim Rustad  
Steve Santos  
Chuck Spavin  
Ben Storey, Jr.  
John Thompson

### • Minneapolis •

371-2811

Bill Aaker	Dan Kuechenmeister
Jim Bharmal	Bob Langley
Scott Caverly	Ott Lukk
Noah Eisenberg	Stan Manske
Harry Ervin	Dorothy Marden
Keith Fahnhorst	Craig Olson
Rob Hensel	John Peyton
Roger Herr	Bill Rosso
Greg Idelkope	David Stevenson
Betsy Ingalls	Roger Swanson
Kelly Johnson	Greg Witt

### • Edina •

925-7000

Jan Cornell	John Mayerle
Jim Eckert	Kristin Midelfort
Paul Freeman	Mary Daniels
Roger Gabbert	Dave Peterson
George Hallin	Mark Sherman
Bob Hamlin	Tom Siebold
Bob Hansen	Barbara Simmons
Al Heiam	John Soderlund
Kurt Larson	Richard Thiele
Larry Litt	Jim Zitek

activity is now done as cost-effectively as possible, and energy conservation, maximizing facility use, and taking space "off-line" either through demolition or sale are priorities.

The results of these strategies have been significant: Workers compensation claims have been reduced from \$2.1 million in 1990 to \$400,000 in 1994. Energy conservation efforts have produced savings in steam and electric costs in excess of \$2 million annually. More than 590,000 square feet of building space have been demolished or decommissioned, reducing heating, lighting, and other maintenance costs by more than \$3 million a year. Facilities Management has also completed a study of classroom use.

When she is asked what the key to her success thus far has been,

## **"The reality is that the University overbuilt its physical plant. It can't afford it. . . We must learn to live within our means, and that leaves the administration with a lot of difficult choices to make."**

Markham is quick to point to the Facilities Management employees ("I truly respect the number of people who kept an open mind about change and jumped into the thick of it," she says), to the hundreds of private-sector business partners who helped her brainstorm solutions, to the University administration and the Board of Regents for their support, to union business agents who helped communicate the need for change—and even to Nobles for identifying the problems and drawing a rough blueprint for change.

When she's pressed further, Markham says she has relied on her communication skills, willingness to draw on others' expertise, and a good measure of forthrightness.

"Frankness and honesty have been a cornerstone of making things work here," she says. "If there are going to be layoffs, I'm going to tell you."

Nobles, who has been both a critic and a champion of the University, concurs. "I appreciate Sue's regular communication with my office and with legislators," Nobles says. "It's not just an empty public relations effort, either. She's very candid about problems and what progress has been made. And there's never any sense of putting up a smoke screen."

"She really fits the requirements for what is a very tough job. She's committed to change, to making hard choices. She has a real sense of management systems and modern management techniques. What's more, she understands the human dimension of running an organization."

"It's been very encouraging to see the results so far. Computerization has occurred at a quicker rate than expected—and inventory control is much improved. There's still a lot of work to be done, but we think the right people are in place."

Markham's boss during much of her time at the University was Bob Erickson, former senior vice president for finance, who also believes she has proven to be exceptionally well suited for a most difficult task. "Sue came up through the ranks at Hennepin County, so she understands from many perspectives the complexity of

the task at hand," Erickson says. "She had a vision of what needed to be done. She is bold in her execution and is willing to do what it takes to move the agenda forward. She has assembled a strong team and commands the respect of her co-workers."

Markham has a vision for the future, and it's not all rosy.

"The reality is that the University overbuilt its physical plant," she says. "It can't afford it. Even though we've reduced our annual operating budget shortfall to about \$15 million, by the year 2000, we will have \$1.2 billion in backlog renewal built up. We must learn to live within our means, and that leaves the administration with a lot of difficult choices to make."

At least administrators now have the information they need to make those choices. They didn't before Markham came along. "Information empowers, and that's my job—to be the person who provides accurate information to policymakers so they can make the choices," she says.

The University administration is fast putting that information to work. President Nils Hasselmo recently proposed seven "critical measures" for gauging progress under the University 2000 plan, and one of those measures specifically targets Facilities Management and establishes several goals, including improving the quality, function, and safety of the physical plant; increasing use of existing classrooms; improving overall upkeep; and reducing by half the number of buildings with major deficiencies. By the year 2000, the University also will have completed the first full cycle of a six-year, all-funds capital budgeting and planning process that was designed to correct many of the problems resulting from incomplete cost accounting.

Markham sees a threefold challenge in helping the University meet its goals:

"Clearly, our number one priority is to work in partnership with the administration and the academic side of the University," she says. "We must have a good working relationship with our customers, and they must see that we have some expertise that can contribute to their success."

"Two, we must ensure that our workforce is qualified and remains competitive in terms of both wages and skills. We must be sure we can deliver good service for a fair price."

"Three, we must fully integrate our financial planning efforts with those of the academic administration to ensure that we make the best of our limited resources."

While the difficulty of coping with the challenges of her job has eased considerably, Markham still is careful to take time out for her personal life, spending time with her husband and two sons as often as she can. She also takes to the golf course—when she can find the time—to recharge her batteries.

Mitigating the demands of her job is the enjoyment Markham gets from the progress she sees daily.

"I'm a results-oriented person," she says. "I take tremendous satisfaction from watching the skill levels of my co-workers come up. I like watching a plumber or an electrician go absolutely nuts on a computer and come up with creative new ways to get the job done."

"This job gives you something to grab onto. Fifteen or twenty years from now, I can take my kids past a building and say, 'Your mom had something to do with that.'"



# The Only Person Happier Than Your CEO Will Be Your CPA.



At Commercial Furniture Brokers Inc., you not only get name brand office furniture. You also get it for a fraction of the cost of buying it new. And that's enough to make any VIP happy. To inspect our inventory of top quality, pre-owned office furniture, call 922-6683.

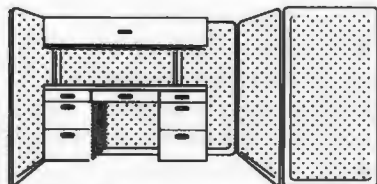
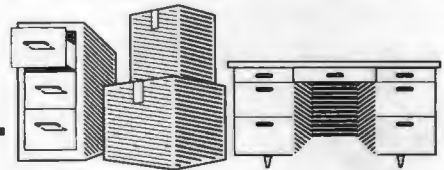


COMMERCIAL FURNITURE BROKERS 4301 HIGHWAY 7, ST. LOUIS PARK

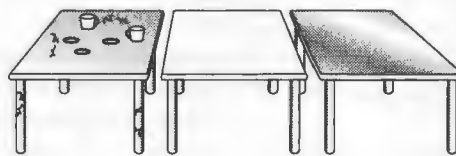
We Inventory It.



We Store It.

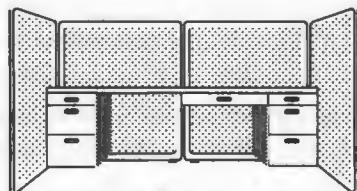


We Install It.

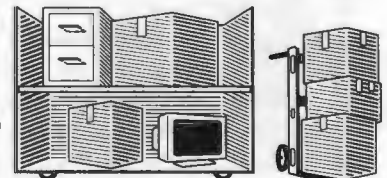


We Maintain It.

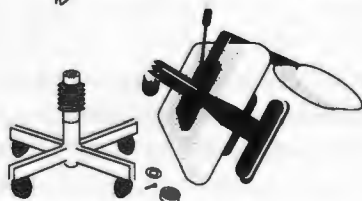
We Reconfigure It.



We Move It.



We Repair It.



We're Commercial Furniture Services, Inc. / Commercial Furniture Movers, Inc. And the only thing we don't do with commercial furniture is build it.

4301 HIGHWAY 7 ST. LOUIS PARK, MINNESOTA 55416 612-922-6683 FAX 612-922-4025



萬  
泉  
橋

## Building Bridges

Reflections from the pages of *Building Bridges: University of Minnesota Alumni in China*, published by the China Center and edited by Chun-Jo Liu

A solitary pool of water,  
Opens like a crystalline mirror,  
Wherein a heavenly light descending,  
Paces up and down with shadows of the roaming clouds  
“What causes the water so clear and pure?”  
“From a fountain head afar  
The living springs do ceaselessly flow.”

—Zhu Xi, translated by Chun-Jo Liu

*Building Bridges* is an attempt to record the influence of the University of Minnesota in the story of twentieth-century Chinese intellectual history—to capture some traces of those who made their pilgrimages to the banks of the Mississippi River and returned to modernize an ancient land. ¶ *Wanquan qiao* (Bridges across 10,000 springs), the Chinese title of the book, evokes the image of the Hundred-Spring Bridge of Xinxiang in China’s Henan Province and refers to a network of bridges that link a hundred wellsprings. It is reported that when they are seen from afar the bridges seem to float like a single thread on the rippling water. ¶ Rather than picturing alumni in the traditional Chinese imagery as a forest of scholars, they are seen as builders of bridges—bridges spanning the Pacific, bridges across the mountain stream, bridges spanning the springs of knowledge of both continents, bridges like rainbows girding the earth. ¶ *Building Bridges* is also a celebration of the Chinese Students Studying Abroad Program, which was proclaimed in a formal decree by Emperor Guangxu on September 17, 1901. The exchanges have helped both Chinese and American participants gain a fuller appreciation of the richness of their cultures and values and added a valuable international dimension to their educational experience, expanding their horizons.

The Wise man delights in water, the Good man delights in mountains. For the Wise move; but the Good stay still. The Wise are happy; but the Good, secure."

—Confucius, The Analects

Throughout the centuries students in China have traveled: to take examinations in their district, their province or regional district, the capital of the empire. Tales of traveling scholars are many. The most famous story is based on the seventh-century Buddhist monk Xuanzang, who went to India in 629 to study an important text in the sacred books of Mahayana Buddhism, returning to China in 647.

The intellectual heritage of Chinese students embraces more than early Confucianism and Buddhism. An important tenet of neo-Confucianism is the idea of "unity of knowledge and acting." In the first book of the Confucian canon, *Great Learning*, annotated by Zhu Xi, a neo-Confucianist, it is stated: One must attain wisdom/knowledge; to attain wisdom/knowledge, one must engage in the investigation of things.

In 1895 Liang Qichao, a leading intellectual, recommended to the emperor a sound Western education program as a foundation for the modernization of China. After China lost a sea battle with Japan, Timothy Richards of England recommended four major areas of reform to the emperor, with education taking the lead, and outlined a study abroad program. After the Chinese lost the Boxer Rebellion in 1900, the United States decided to return an indemnity fund to China to develop education programs and Great Britain followed suit. By 1909 the Chinese Students Studying Abroad Program had become a regular government education policy.

Among the first group of successful candidates was Wang Jin, who came to the United States to study chemical engineering at Lehigh University and the University of Minnesota. The University has no record of his visit, but Chinese students began appearing in Gopher yearbooks in 1915, shortly after the fall of the Qing dynasty and in the early years of the Republic.

Throughout the years the University has hosted thousands of Chinese students, honoring its commitment to international education even during years of global political upheaval. During the first part of the century Chinese students came to study mainly agriculture, but over the years the fields have widened.

More Chinese students are now enrolled at the University than at any comparable institution in the United States. In 1993-94, 828 students from the People's Republic of China were enrolled, along with 127 from Hong Kong and 301 from Taiwan; 337 were enrolled in science, 304 in engineering, 220 in health sciences, 109 in ag, 77 in social science, 215 in other fields.

The University's China Center invited alumni to tell about themselves for *Building Bridges*, and over 230 responded. In April and May editor Chun-Jo Liu and faculty members Hyman Berman and Paul Quie visited with a dozen alumni in their homes in Beijing, Shanghai, Taipei, Xian, and Tianjin. A number of events were hosted by alumni chapters, including the Western Returned Students' Association of China, the Taipei alumni chapter, and the Tsinghua Alumni Association. In Xian, a chapter of the Chinese Alumni Association of the University of Minnesota in China was formed on the spot.

The mosaic of the material collected from the University's Chinese alumni illustrates the long-lasting effect of their experience on the campus and tells stories of the faculty's selfless efforts to disseminate knowledge beyond the campus. In the records of these alumni are the footprints of pioneers who have paved the way for future travelers. Like the wandering scholars of old in search of knowledge, they have transmitted ideas and research methodologies from the campuses of the University of Minnesota to all parts of China.

As we follow the traces of their pilgrimages, we catch a glimpse of the beginning of a new Pacific era of harmonious collaboration. We dare to hope, writes editor Liu, that for years to come alumni who are builders of bridges as well as travelers will usher in a new history in China.

In China it is said that the footprints of the University of Minnesota's oldest known living Chinese alumnus can be found in almost every corner of the country. Jin Shanbao, who celebrated his 101st birthday in July, followed the path of plant genetics to the cultivation of a new strain of wheat, eventually to

the invention of the world famous No. 2419, a variety of wheat extensively grown in the Yangtze River valley for more than 40 years.

Born in Zhuji county in Zhejiang Province, which, he points out, is also the birthplace of the most beautiful woman in Chinese history, Xishi (c. 495 B.C.E.), Jin graduated from Huadong University in 1927, majoring in agronomy. He was selected to intern at an experimental farm funded by Rong Zongjing, whose flour mill industry provided Jin the opportunity to conduct research on wheat. In 1930 he came to the United States to pursue graduate education at Cornell and the University of Minnesota, where Herbert Hayes was conducting groundbreaking research on hard red spring wheat.

Jin returned to China in 1932. He is the honorary president of the Chinese Academy of Agricultural Sciences and the Chinese Association of Agriculture and has served as dean of the Nanjing College of Agriculture, vice mayor of the city of Nanjing, president of the Academy of Agricultural



Jin Shanbao with journalist, Tong Wei

萬  
里  
橋

# 萬 宗 橋

Sciences, delegate to the People's Congress of China sessions one through seven, and academician of the Chinese Academy of Sciences.

His daughter once asked her father why he left Cornell University for the University of Minnesota, and he answered simply that it was "well known."

Respected as the founding father of plant physiology in China, Tang Peisong, an academician of the Chinese Academy of Sciences, has been and still is a role model for the young scientists of China. At 93, he is not the oldest alumnus included in the book, but he is the earliest to study at the University of Minnesota, which he said had one of the best agricultural colleges known to the Chinese at the time. At the University he transferred to the School of Science, Letters, and Arts to get a solid foundation before specialization. He remembers lucid and inspiring lectures by Professor Frank McDougall that sparked his interest in thermodynamics and the energetics of living matter in general. After his return to China, Tang spent most of the war in Kunming. In eight years, his laboratory was bombed out three times and moved to four different locations, the last in the small village of Tapuchi. There the lab served as sanctuary and assembly post for no less than 40 scientists, many of whom attained success in their respective fields but never returned to China. But many did return, writes Tang, and are the backbone of Chinese plant physiology today.

Tang recently delivered an article in Taiwan that was published in the *Chinese Journal of Botany*. The article, which he calls his swan song, concluded with verses 27 and 28 of the *Rubaiyat*, ending with the lines:

With them the seed of wisdom did I sow, and with  
my own hand I labored it to grow; And this was all  
the harvest that I reap'd.

Lu Hefu, 81, received his doctorate in physics from the University in 1941. He is an academician and the foremost theoretical and nuclear physicist in China. His influence is augmented by the prominence of his students, many of whom are significant scholars and leaders in China's academic and scientific enterprises. At a celebration at Fudan University, Fudan president Yang Fujia confided that he considers himself to be an academic grandson of the University of Minnesota since he took his training as a physicist and earned his doctorate with Lu at Fudan.



Lu Hefu

Lu was the only doctoral-degree student in physics at Minnesota in the late 1930s. He remembers his mentors and renowned nuclear physi-



cists Al Nier and John Williams as warm friends and supportive teachers and he wonders if Dinkytown has changed much since he last saw it in 1981. At the end of the evening Lu broke into a chorus of the *Minnesota Rouser*, a hint of mist in his eyes.

Since returning to China, Wu Xiru—visiting scholar, Spediatric neurology, 1979-81; director of child neurology and pediatrics, First Teaching Hospital, Beijing Medical University—has tried her best to contribute what she learned by teaching and training others in her motherland. She has written a "small poem" to her Minnesota tutor and adviser Kenneth F. Swaiman:

Dedicated to child neurology for many years,  
you worked hard to benefit children.  
With disciples all over the world,  
you stand tall  
like the morning glory flowers  
against the morning frost.

"One thinks of the source of the stream as one takes a drink from it," writes Wu Shaokui, '38 Ph.D., plant genetics, who developed the "Three Magic Wands of Wu," a method of increasing corn production through hybridization. Wu also served as provincial representative of Henan Province and as the national representative to the third, fourth, sixth, and seventh sessions of the All China People's Congress.



萬  
眾  
橋

**Z**hu Jingye—visiting scholar, architecture, 1983-84; professor of architecture, Southeast University, and chief director, Society of Architects of Jiangsu Province—has written a poem that compares the ancient city of Nanjing, his hometown, on the bank of the shimmering Yangtze River with the Twin Cities by the beautiful Mississippi. He sees a bridge that connects his home institution with the University of Minnesota and finds in both places well-landscaped campuses, diligent scholars, and the footprints of faculty members of Southeast University.

**L**i Changchun—visiting scholar, mechanical/aerospace engineering, 1984-85; professor of mechanics, Huazhong University of Science and Technology in Wuhan—remembers his days at Minnesota as the fountain of his achievements and success in his many projects. The hope of revisiting the campus that once nurtured his works dwells with him always.

**W**ang Xiaoyang—visiting scholar, food science, 1986; director, Foreign Affairs Office, Jilin Agricultural University. Minnesota, in Wang's memory, is a tone poem in two colors: white and green—the gentle slopes of the green lawn emerging through the melting snow of an early spring. She writes that the

beautiful green lawn of Minnesota and its gladsome vitality will never be forgotten.

**Z**hang Wenlu—visiting scholar, therapeutic radiology, 1983-84; professor and head of therapeutic radiology, Shaanxi Cancer Institute and Hospital—recalls the surprise birthday party—his first ever—the therapeutic radiology



Zhang Wenlu

department gave him at 11:30 a.m. on April 6, 1984. The entire department staff joined in singing "Happy Birthday" when he entered the library. He was given a rose and a cake with five candles on it, and he was asked to cut the cake and give a speech. He expresses gratitude to his mentors Seymour H. Levitt and Chang W. Song and to all the staff and hopes that such beautiful friendships will endure through time.

**T**ang Xinyun—visiting scholar, soil science, 1986-87; associate professor, bioengineering, Anhui Agricultural University in Hefei—wishes that his memories like the surging wave would become part of the endless flowing stream under the "bridge of 10,000 springs."

**Z**hang Zhihui—visiting scholar, chemistry, 1990-92; associate professor of chemistry, Nankai University in

**C**hen Chunting—graduate student, civil engineering, 1948-55; senior engineer, consultant, Institute of Water Conservancy and Hydroelectric Power Research, Chinese Academy of Sciences—remembers the Mississippi River, the gathering of bright young minds in the Twin Cities, and the vision of bridges over 10,000 bubbling springs.

**W**ang Fazheng—visiting scholar, horticultural science, 1981-83; professor and vice president, agricultural college, August Land Reclamation Institute in Heilongjiang Province—has written a poem pondering what his country might need from him since his return from Minnesota with the advice of his mentor and two years of experience in advanced laboratories:



Wang Fazheng

He is not daunted by the snow of the Great Northern Wasteland or the heat of the Island of the Southern Sea. . . . He shuns the easy life and is determined to wake up his good earth, to bury the poor production record and the backwardness. He wants to see the wasteland planted with gourds and fruits and to find flowers blooming wildly along the national border. . . . He sees himself as but a single particle in a multitude in the great tide of a pioneering and reform movement.

# 萬 家 橋

Tianjin—recaptures the golden autumn days in Minnesota in a poem:

She sees in each falling maple leaf memories of a past summer, the hours devoted to master her subject, the exchange of views of people of kindred minds. She hears the singing of the water under the bridge and remembers the long-lasting friendships she found in an alien land.

Wang Dasui—former vice president of Nankai University, helped facilitate the Minnesota-Nankai Summer Institute in 1980, named an honorary alumnus for the role he played—has written a song verse that translates something like this:

Above the jade tower, the glistening snowflakes dance. A pure white dresses the northern country. The University of Minnesota returns in one's memory. Far away, dwelling beyond the horizon, are the friends of old. The happy news of the building of an arch of a bridge of 10,000 springs arrives. Like a rainbow, the structure rises exquisitely. The scholars of China and the United States will long tread their way to bring about the meeting of the East and West. Then day by day the distance of cultural division will diminish.

I was raised in China's urban area and had never been in China's countryside before, but I knew well how poor the Chinese people were, and the Chinese farmers were the poorest of all. When I stayed in one of the University experimental stations in Morris, Minnesota, in the summer of 1945, it was the first time I had worked on a farm.

One day when I was picking weeds by hand from some experimental plots, I found a young boy about twelve years of age working with me side by side. A four-door sedan was parked on the road. I asked, "Is this car owned by your father?" "No," the boy replied, "it is not my father's, but mine." I was surprised. How could a boy as young as he own a car? How much money could the boy make, just by picking weeds by hand?

This question troubled me ever since. It is not a simple question but something related to advanced economics. The value one creates is directly counted by what one actually does. There is a social factor underneath, social productivity. Farm mechanization means farm laborers can handle dozens or hundreds of horsepower to produce millions of kilograms of grain each year. The value of labor surely increases in pace with productivity. . . . I could never forget my talk with the boy because it reminds me always of the importance of agricultural engineering in a nation's economy.

—Tao Dinglai, '47 M.A., agricultural engineering;  
executive president, Chinese Society  
of Agricultural Engineering

Jiang Lijin—'51 Ph.D., pharmaceutical chemistry; professor and academician, Institute of Photographic Chemistry, Chinese Academy of Sciences—writes that the University of Minnesota was a memorable place for her.



Jiang Lijin

Although she was here a short time, the impressions were deeply implanted in her mind: "I liked Minnesota's weather in the summer, nice and cool, with the clear breezes from the 10,000 lakes. Most of all I appreciated my friendships with people, especially Professor Earl B. Fischer and his family. . . . I was always invited to his home to participate and share the holiday happiness with them. So, I never got homesick." ■

Minnesota  
clear water  
blue river  
lakes  
10,000 lakes  
laughing ripples  
smiling birches and maples  
gentle irises and daffodils  
how come  
mother nature  
is so generous  
to you

Lind Hall  
Mayo Memorial  
Wilson Library. . .  
agates, trees, flowers  
of knowledge  
colorful and rich  
sailing in the Mississippi  
of learning  
a student  
a teaching assistant  
a visiting scholar  
over two years  
how can I forget

Perry Place  
Summer Street  
Como Avenue . . .  
brothers, sisters  
teachers, friends  
a Lake Superior  
of warm hearts  
I am not  
what I am  
without you—  
a gardener  
cultivating plants  
—students  
a friend  
searching life and nature  
a bridge  
linking up gaps  
of the two peoples  
Americans and Chinese

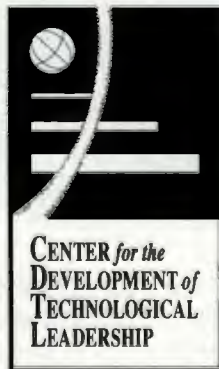
—Zhang Yun, visiting scholar, English, 1984-86;  
Fulbright scholar, Yale;  
professor, Beijing Foreign Studies University;  
author, poet

# What will you be doing when the information highway becomes just another Pony Express?

Within a mere 18 months, all the hoopla over the Pony Express halted as the telegraph system left its competition in the dust. It's just a matter of time before today's advances become tomorrow's relics, too.

Our systems approach to managing technology-based organizations will teach you how to keep you and your organization from becoming history.

**Learn to manage technology,  
not be driven by it.**



UNIVERSITY OF MINNESOTA

## **Management of Technology**

*a master of science program for engineers and scientists  
with at least five years experience*

### **INFORMATION SESSIONS**

Oct. 3 - 5:30 pm	Nov. 2 - 5:30 pm
Oct. 24 - 5:30 pm	Nov. 15 - 5:30 pm

**For more details on the program and upcoming  
information sessions, contact us at (612) 624-5747  
Fax: (612) 624-7510 • E-Mail: MOT@mailbox.cdrl.umn.edu**

The Management of Technology program is offered in partnership by the Institute of Technology and the Carlson School of Management, University of Minnesota.

# MINNESOTA's Teachers Hall of Fame

BY VICKI STAVIG PHOTOGRAPHS BY DAN VOGEL

**M***innesota* is pleased to add seven professors to our Teachers Hall of Fame. As we talked with their former students, we asked what it was that made these teachers so remarkable. We discovered that it is a combination of knowledge, wit, patience, honesty, accessibility, encouragement, values, sense of humor, and ability to listen. We invite you to join us in honoring these distinguished professors. We also invite you to send your nominations (including the college or school the professor taught in) to *Minnesota*, Teachers Hall of Fame, 501 Coffman Memorial Union, 300 Washington Avenue SE, Minneapolis, MN 55455.

---

## SHIRLEY E. BELL

*Assistant professor of anesthesiology and director, baccalaureate program  
for certified registered nurse anesthetists, 1975 to present*

**Highlights:** Helen Lamb Powell Award for excellence in teaching from the American Association of Nurse Anesthetists in 1994. Designed and implemented the University of Minnesota's baccalaureate program for certified registered nurse anesthetists in 1975. Member of the American Association of Nurse Anesthetists and the Minnesota Association of Nurse Anesthetists since 1948, has served as president, vice president, and director of the Minnesota Association of Nurse Anesthetists. Consultant to the Veterans Affairs Hospital in Minneapolis and a community faculty member at Metropolitan State University. Secretary of the United Veteran's Legisla-

tive Council of Minnesota since 1988 and chair of the Neighborhood Revitalization Commission of St. Louis Park since 1991.

**Philosophy:** "I had to address a wide variety of knowledge, abilities, and backgrounds. My main philosophy is individually guided. The students had different interests and things they wanted to do. As they got through the main part of the course requirements, I allowed them to design their own programs. I let them teach themselves. It's the most fun teaching I've ever done in my life. When I first started using this philosophy, I thought, Lord, what will I have when I get through? Some of the students' ideas you





wouldn't believe, but it worked; it was a success. It opened up a whole new world for them. The graduates have all gone in different directions, but they've all stayed academically oriented. I learned more from my students than they ever learned from me. I hear from most of them, and I still counsel them. The students are my peer group, and I want them to be successful, to do whatever they can do, and to do it the best they can. I'm very proud of all of them."

**Kudos:** Concha Brown, '87 B.S., nurse anesthetist, Phillips Eye Institute, Minneapolis: "Her style crossed the different ages of people she encountered. Many of the students were in their six-

ties, fifties, and forties, and some came from St. Cloud and Rochester for her classes. She had the vision that a degree in anesthesia would be needed for nurses to grow, to enhance their practices and their lives, and to become more well-rounded people. We always had a lot of fun with her. She's been a good mentor: Students try to emulate her. She's genuinely interested in her students, even after they have graduated. I've kept in touch with her. She's the type of person you can call if you need to talk about a problem or have a question. It's a special relationship. We call her Ma Bell because you can call her anytime—day, night, or weekend."



---

## ROBERT VENINGA

*Professor of health management and policy,  
1972 to present*

**Highlights:** First recipient of the Leonard M. Schuman Excellence in Teaching Award from the School of Public Health. An award-winning author of four books, including *The Human Side of Health Administration* and *The Gift of Hope: How We Survive Our Tragedies*. Has published more than 60 articles on stress, conflict resolution, and career renewal and is a frequent speaker at national and regional conferences. Listed in *Who's Who in the World*, *Who's Who in Health Care*, and *Who's Who in U.S., Writers, Editors, and Poets*. Consultant to major companies, educational institutions, health care organizations, government agencies, and professional associations.

**Philosophy:** "Learning must begin with the instructor. If the instructor isn't learning along with the students, the classroom is not energized. I look for the best in students and their work. If you focus on the negative, the relationship suffers and the opportunity for learning diminishes. It helps to be an entertainer when you teach. A well-timed joke or a stirring quotation can make the difference between a dull lecture and one that is memorable. Some of the most important work a teacher does occurs in the student union over coffee, for it is an informal setting in which personal questions are asked—questions that really matter in terms of helping students shape their philosophies of life. It is an awe-inspiring task to be a teacher. I am in awe realizing that I might have a small but important role to play in students' lives. In my experience, students look up to you and have high expectations. When those expectations are realized, a strong bond develops between professor and student that is never forgotten."

**Kudos:** Rosemary Moneta, '90 M.A., director, Home Health and Hospice, North Memorial Medical Center, Minneapolis: "I had Dr. Veninga for a professor and worked as his teaching assistant. His message is so clear, so articulate, so poignant. He has a pas-

sion for what he does, and he takes a personal interest in his students that extends beyond graduation. He is a skilled professional who demonstrates the theory he teaches in his professional, civic, and personal life. He is a very special person with a very special talent. Anyone who has been touched by what he has to offer is very fortunate. Dr. Veninga is a true asset and ambassador for the University of Minnesota."

---

## PAUL MURPHY

*Regents' Professor of American History  
and American Studies and adjunct professor of political science,  
1957 to present*

**Highlights:** Named a Regents' Professor in 1990, a Distinguished Adjunct Professor at Hamline University Law School in 1985. Distinguished Teaching Award from the College of Liberal Arts and University College in 1975; 1987 Annual Lecture Award from the Minnesota Humanities Commission. A John Simon Guggenheim Fellow in 1965 and 1966; a Senior Fulbright Lecturer at the University of Lagos, Nigeria, in 1971 and 1972; a fellow of the National Humanities Center in 1981 and 1982. President-elect of the American Society for Legal History, member of the editorial board for the *Encyclopedia of the American Constitution*. Author of several books, including *The Meaning of Freedom of Speech: First Amendment Freedoms from Wilson to FDR*, which won the American Bar Association Gavel Award in 1973.

**Philosophy:** "I feel teaching history, particularly, is a vitally important process, since it involves getting young people to understand the present by understanding the past. It helps them to be better citizens. I continually draw parallels between the past and the present, and they come to quickly understand that there is nothing new



in the world, which helps us to better deal with our problems. I try to teach students *how* to think, not *what* to think, because I don't feel the professor's role is to indoctrinate students to his point of view. I try to give them all points of view and help them to assess them. I've never wanted to have disciples; I want students to develop their own minds."

**Kudos:** Kati Sasseville, '70 B.A., '73 J.D., general counsel for Otter Tail Power Company, Fergus Falls, Minnesota: "In the very finest sense of the phrase, he is a gentleman scholar in that he is gra-



*This Year,  
Have the  
Adventure  
of a Lifetime  
With  
U of M Alumni  
tours*



The University of Minnesota Alumni Association has been offering a variety of international and domestic travel opportunities for over 30 years. Experience the camaraderie of shared discovery while travelling around the country and the world with alumni and friends of the University of Minnesota. Travel preferences, destinations, durations and activity options are available to suit every taste. Learn or lounge, fly or float, the choice is yours. Whether you want to stay for a week or a day, make sure your travel memories last a lifetime. Contact the University of Minnesota Alumni Association to begin your journey of discovery.

UNIVERSITY OF MINNESOTA  
ALUMNI ASSOCIATION

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

Please send a brochure on the following:

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Trans-Panama Canal        | <input type="checkbox"/> South America           | <input type="checkbox"/> Australia/New Zealand            |
| <input type="checkbox"/> Around-the-World (Jet)    | <input type="checkbox"/> Among the Great Whales  | <input type="checkbox"/> Miss. River Cruise (Delta Queen) |
| <input type="checkbox"/> Across the U.S. (Train)   | <input type="checkbox"/> Educational Switzerland | <input type="checkbox"/> Mediterranean Cruise             |
| <input type="checkbox"/> Rhine/Moselle             | <input type="checkbox"/> Russia                  | <input type="checkbox"/> Midnight Sun Express/Alaska      |
| <input type="checkbox"/> Educational Great Britain | <input type="checkbox"/> Scandinavia             | <input type="checkbox"/> Germany Storybook Tour           |
| <input type="checkbox"/> China / Yangtze River     | <input type="checkbox"/> Lewis & Clark Exped.    |   |

RETURN THIS COUPON TO:

Jane Hladky ■ University of MN Alumni Association ■ 501 Coffman Memorial Union  
300 Washington Avenue SE ■ Minneapolis, MN 55455-0396  
or call

(612) 624-2323 or 1-800-862-5867

cious and kindly and has great rapport with his students. He is 'Minnesota nice.' He really inspired us to think deeply about the subjects he taught. I had him for a couple of classes where we studied civil protests and judicial history. He brought the subjects alive and engaged us in the intellectual process."

## GERALD VIZENOR

*Professor of American Indian studies and American studies,  
1977 to 1985*

**Highlights:** Bush Foundation Leadership Fellow in 1974; James J. Hill Visiting Professor at the University in 1977; California Arts Council Artists Fellowship in Literature award in 1989; American Book Award in 1988 and New York Fiction Collective Award in 1986 for *Griever: An American Monkey King in China*; PEN Oakland, Josephine Miles Award in 1990 for *Interior Landscapes: Autobiographical Myths and Metaphors*; David Burr Chair of Letters at the University of Oklahoma in 1990-91. Has lectured at universities throughout the country and was the keynote lecturer at the Emergent Literature Conference at the University in 1992. American Indian Literature and Critical Studies series editor at the University of Oklahoma Press in 1990. Member of the editorial board of the Smithsonian Series of Studies in Native American Literature. Chair from 1988 to 1990 of the chancellor's committee on the status of minorities at the University of California, Santa Cruz, where he established the annual Native American Literature Prize. Proposed and codirects the Native American International Prize in Literature at the University of Oklahoma. Is now professor of Native American studies at the University of California, Berkeley.

**Philosophy:** "I pursue imagination in all connections of literature



and history. We must learn how to fly in the classroom. The appreciation of flying is what makes the difference. It's no less imaginative to consider that birds and humans evolved from the same creation, but we fly differently now. Even the most abstract and comparative information in history and literature must be imagined, and the most memorable consideration that students make later comes from their moments of remembering their own pleasures of imagination. I don't mean invention. Students remember the pleasures of imagination more often than the cold documents in history. For instance, we consider place and landscape in literature and history and yet the way we remember and study a place is never the same. We must imagine the place to give it power and inspiration."

**Kudos:** Dave Wagner, '90 Ph.D., director of the Kentucky Derby Museum at Churchill Downs in Louisville, Kentucky: "I was Professor Vizenor's teaching assistant in 1982. He was a deep thinker but also had a good sense of humor. He was able to penetrate the subconsciousness of his students. I would leave his classroom, and my head would be spinning as he got into your set of values and preexisting ideas and got you to rethink them. He was very clever and very provocative. He was also very personal and gentle. He approached delicate and different subjects in a thoughtful and engaging way. He also was a great writer."

## FRANK "DOC" WHITING

*Director of theater,  
1937 to 1973*

**Highlights:** University of Minnesota John K. Sherman Award for Outstanding Contribution to Minnesota Theater in 1984; American Oil Company Gold Award in 1974; Brigham Young Uni-

versity Distinguished Alumni Service Award in 1979; University of Utah Merit of Honor in 1983. Doc Whiting Day, February 13, 1974, declared by Minnesota governor Rudy Perpich. Wrote *An Introduction to the Theater*, a best-selling textbook; played a major role in bringing the Guthrie Theater to Minneapolis. Frank M Whiting Theatre at the University's Rarig Center was named for him in 1973. Named an honorary fellow by the American Educational Theatre Association. Urged the purchase of the sternwheeler that became the University Showboat and directed more than a hundred of its productions.



versity Distinguished Alumni Service Award in 1979; University of Utah Merit of Honor in 1983. Doc Whiting Day, February 13, 1974, declared by Minnesota governor Rudy Perpich. Wrote *An Introduction to the Theater*, a best-selling textbook; played a major role in bringing the Guthrie Theater to Minneapolis. Frank M Whiting Theatre at the University's Rarig Center was named for him in 1973. Named an honorary fellow by the American Educational Theatre Association. Urged the purchase of the sternwheeler that became the University Showboat and directed more than a hundred of its productions.

**Philosophy:** "I tried to instill in my students a love of theater and of humanity, instead of any great ideas. The theater I love is a theater for art's sake; not a theater for fame's sake or for money's sake, but a theater for humanity's sake. I tried to say to them, 'Fall in love with the company, the job, the play, and let the other things take care of themselves. Don't worry about the money.' The wonderful thing about being a teacher is that the students live on, and you get a lot of credit from them. They were wonderful."



*Long after the toys of childhood are gone,  
the gift of music remains.*

**YAMAHA PIANOS**

*Haugen's*  
P i a n o s

EDINA  
3525 W. 70th Street  
(612) 929-9555

ROSEVILLE  
1909 Highway 36  
(612) 631-0822

**Kudos:** David Feldshuh, '75 Ph.D., '79 M.D., professor of theater and artistic director of the Center for Theater Arts at Cornell University in Ithaca, New York: "Doc is the most memorable person I've ever met. He heightened my awareness of how the things I do affect others and reinforced to me the relative values of theater in society. He was concerned about the big picture. He is a good person with a strong sense of values that puts the person at the center and the ego at the back. He was very impressive, very gracious, gentle, and kind. He was patient and tried to see theater as a humane pursuit as opposed to a narcissistic one. He was a stabilizing force in the sixties. He had a longer and larger perspective."

## ALBUREY CASTELL

*Professor of psychology,  
1932 to 1949*

**Highlights:** Founded the Department of Humanities in 1940 "to document the growing freedom of man." Developed the prelegal sequence that was adopted as a Law School prerequisite. Taught at Columbia University and the University of Washington before coming to Minnesota. Author, lecturer, and literary critic who wrote at least eight books and edited seven and was a frequent contributor to philosophical journals. Named head of the Department of Humanities at the University of Oregon in 1949. Castell died in 1987.

**Kudos:** W. Grant Dahlstrom, '44 B.A., '49 Ph.D., Kenan Pro-



fessor Emeritus, University of North Carolina: "Back in the early 1940s, when all undergraduates were required to complete the year-long sequence on Western civilization, Professor Castell was a shining light in what could have been a bleak prospect of long reading lists and haphazard classroom discussions. His classes sparkled with his wit, moved rapidly along by his precisely timed interjections. He even made acceptable the weekly assignments of brief position papers by means of acerbic comments that were scrawled in the margins when we got them back. Knowledgeable students fought to get into his sections. Were he to be included in

your list of outstanding teachers, it would not be the first time that he earned immortality. The well-known psychologist B. F. Skinner [who also taught at Minnesota] employed Castell as a model for the doubting, skeptical questioner in his novel *Walden Two*. As a foil for Frazier (Skinner himself), the character named Castle brought a wide-ranging perspective on human foibles and frailties to bear upon Frazier's utopian and overly optimistic plans."

## MULFORD Q. SIBLEY

*Professor emeritus of political science and American studies,  
1948 to 1982*

**Highlights:** Minnesota College of Liberal Arts Distinguished Teacher Award in 1961, voted favorite professor in a *Minnesota Daily* student survey in the 1960s. A socialist and one of the University's most controversial faculty members, he wrote many articles, books, and essays, many of which reflected his intense concern about the horrors of war. Visiting professor at Stanford University, Cornell University, and State University of New York at Binghamton. When he retired, students planted an olive tree near the Washington Avenue Bridge to honor him. His last seminar drew scores of students and University officials, many of whom wore red and white "Mulford" buttons. After his retirement from the University, he continued to teach at Hamline University Law School, Macalester College, and Augsburg College.

Sibley died in 1989.

**Philosophy:** "My idea would be not that [students] take my values but that they would consider all value systems and consciously select those values that they deem to be right. Some of the values might be traditional, some might be against tradition. Tradition is not all wrong, but a custom is not to be accepted simply because it's a custom. I don't think we ought to make a custom sacred. It ought to be subjected to rational criticism."

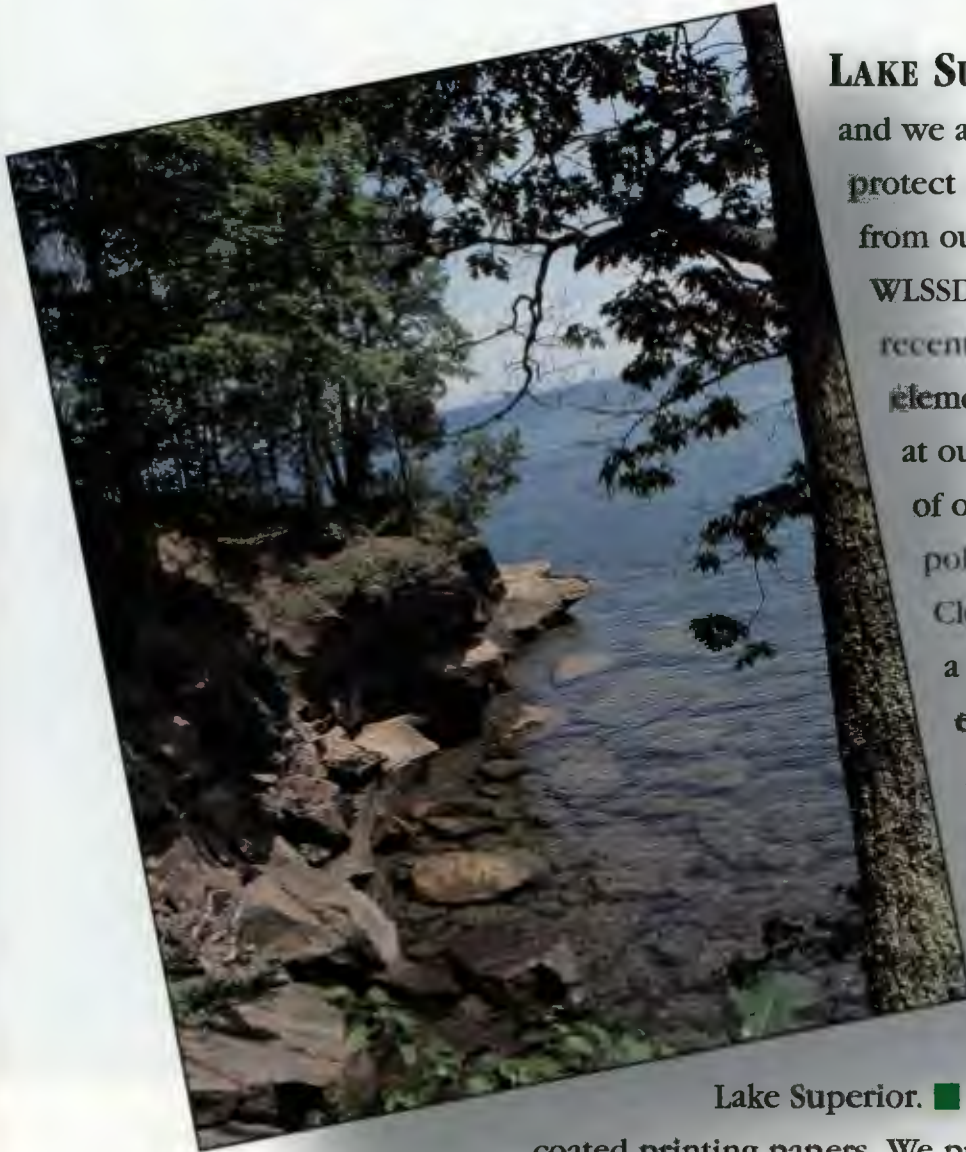


**Kudos:** Joseph Kunke, '80 Ph.D., chair of the political science department at Mankato State University: "The first thing that comes to mind is how accessible Professor Sibley was to every student. Even people from the community who were interested in political ideas and movements were attracted to him. Outside his office there would be a line of people sitting on the floor with their backs against the wall, waiting to see him. When I was starting my grad work at the University, I didn't feel I fit in very well. I was thinking about dropping out and doing something else. Probably because of the attention I got from him, I decided to stick with it. It was a very critical time in my life, and he had a huge impact on me. He was the model of the academic thinker. He was a pacifist and a vegetarian. He wore a suit, a cloth belt, tennis shoes, and, I think, a red tie. Many people have described him as almost a saintly man. He was kind and considerate. People called him an absent-minded professor, and he would say, 'Where *does* the mind go when it is absent?' He also would throw out names of good books to read and say, 'Read this in your future mythical leisure.'" ■



*Potlatch has been sending all of its waste water discharge to the Western Lake Superior Sanitary District in Duluth (WLSSD) since it opened in 1979.*

## Keeping It Clean, Clear, Superior.



**LAKE SUPERIOR** is a precious asset, and we at Potlatch are working to protect it. ■ Since 1979, waste water from our mill has been sent to the WLSSD for treatment. ■ We've recently eliminated the use of elemental chlorine to bleach pulp at our Cloquet mill. This is part of our continuing drive toward pollution prevention. ■ Our Cloquet mill is in the midst of a \$500 million modernization effort. The new mill will be a North American showcase for environmental performance. And our waste water will require less treatment than ever before. ■ That's good news for all of us...and for Lake Superior. ■ We make exceptionally fine coated printing papers. We provide jobs. And we're working at keeping our Great Lake clean, clear, Superior.

**Potlatch**

# Running on Faith

Chris Darkins put everything on the line to play for the Gophers, a coach, and a vision

BY BRIAN OSBERG

if

and when the Gopher football program returns to its winning ways, it is quite possible that its success will be attributed to Chris Darkins, senior running back and cocaptain of this year's team. He came to Minnesota not just to play football, but to be part of building a winning program.

"I had a lot of ideological goals," says Darkins, who as a high school senior was recruited by Bob DeBesse, offensive coordinator at Texas Christian University (TCU), to play football under then head coach Jim Wacker. When Wacker was hired by the University of Minnesota, both Darkins and DeBesse followed him to Minnesota. "I wanted to be a winner. That's why I came here, just for that reason. Coach Wacker proposed a chance for us to make a change. He said, 'Come to Minnesota and do what nobody else thinks you can do because it's never been done.'

"It's simple to go to a winning school and win. That's the easiest thing you can do; it's tradition, it's history. It's supposed to happen so everybody already has a winning attitude. Now, Coach Wacker comes, and he has to sell you on a dream. He says, 'Look, this is what we're going to do. This is what we're trying to do. You're going here for a reason.' So I think it takes a stronger person and somebody who has vision, who can envision things happening and has the will to get them done, to come to a place like



Minnesota at the time that I came."

This philosophy is why the first-team all-Big Ten back from Houston gave little consideration to entering this year's draft despite the projection that he would be selected in the first three rounds. "I wanted to help bring Minnesota back to where it was in the sixties," he says.

"That's one of the reasons why it really wasn't a decision for me whether to stay or to go. I looked at the option just so people would say, 'OK, he thought about it.' I looked at it and made up my mind I was going to stay here because there's something more that I want to do, not just getting my degree. It's just something more."

Darkins is an all-American candidate and a Heisman Trophy hopeful with his strong performance in 1994. He set a single-season school record in rushing with 1,443 yards and tied the record with thirteen touchdowns. Penn State star Ki-jana Carter was the only better back in the Big Ten last year. Darkins ranked seventh in the nation last year with 131.2 rushing yards per game. He was







rated the sixth-highest running back and second-highest senior running back in the nation this year by *Sporting News*.

The great expectations don't seem to faze Darkins, who has bigger aspirations and higher priorities than football. "Professional football never was a childhood dream," he says. "People who ask me 'Who are your role models?' expect me to say Walter Payton or Emmitt Smith, but the people I admire most are the businessmen of the world like the Bob Andersons and John Grundhofers of First Bank or Gene McDowell or Fred McNeill from my church. Those are the people I look up to and admire and want to be like in the future.

"Football, hopefully, is a way for me to make money in the

near future, and to pass up that kind of deal is a bad investment. I will play, but it's not one of my dreams to play professional football. Just like it wasn't one of my dreams to play college football. It's just something that I do, and I play it mainly for the competition. I like to compete and [football] is one of the most competitive games out there.

"A lot of people put football as their life, but if they didn't have football, they would have nothing. I don't want to do that. I don't want to get into a position where I *have* to play.

"I am a Heisman Trophy candidate because I rushed for 1,400 yards. But I didn't rush for 1,400 yards on my own. I had help. People ask if the Heisman Trophy is a lot of pressure. I get a frac-

tion of that pressure, maybe 1 percent. I think that if I don't make the Heisman, people will still have respect for me and still accept me for who I am. I'm comfortable here in Minnesota."

Head coach Jim Wacker sings Darkins's praises as an athlete and a young man. "He has worked very hard academically," says Wacker. "He's not a straight A student by any means, but he's a very solid student, basically, in tough classes," says Wacker, "and he's about as fine a human being as you can find. He's got integrity, he's got character, he's as solid as the day is long. What he says you can count on. He's great."

"Chris is definitely a premier player, and his success is going to depend on the people he's surrounded by," says Wacker. "Defense is critical. We've got to make a quantum leap and get a lot better."

"How good is the line going to be? We graduated a couple of guys there, that's going to be key. The tight ends are all back, that's critical. We've got two new guys at quarterback, sophomore Corey Sauter [from Hutchinson, Minnesota] and junior Jason Murdock [from Merced, California]. How well are they going to throw the ball? That's going to be key. Those are the intangibles, and we feel good about it. I think if we improve in all those areas, that's going to help Chris have a great year."

Wacker intends to keep his offense wide open, featuring the pass. "That's our style; that's what we believe in," he says. "If we go 55 percent pass, 45 percent run, that would be fine. But I don't want to see Chris carry 35 times in a game, either. I want to see him healthy, I want to see him fresh, I want to see him have great games. Obviously, he's going to be the key guy, he's going to get the ball a ton, but again, we want to have the balance. And we do have two very talented quarterbacks. I think we'll be able to establish a good passing game."

"Chris will be mainly the one back and is the guy we're depending on. He's legitimate, he's got great hands, he's a tough kid, he blocks well, he's an all-around football player. He's a fine receiver making about 300 yards last year, in addition to the 1,400 yards in rushing. The main thing is to get the football in his hands and let him do his thing. He's not only an outstanding football player, he's also one of the fastest people in the Big Ten."

Darkins grew up in Houston with his older brother, Gregory, and parents, Claudia and Clarence Darkins. He attended Strake Jesuit College Prep, a private high school. "I have a circle of friends from playing soccer," says Darkins. "Our families got together and formed sort of a parents' council. When we were in junior high, we all went to different schools. The time for high school came around, and my parents decided that maybe the high school I was zoned in wasn't the place for me to be, and their parents decided that their high schools weren't where they wanted them to be. They wanted us to go to high school together since we already spent a lot of time together playing sports."

Because Darkins went to a private school, he received less media attention and wasn't as heavily recruited by football programs, though he was recruited by all of the schools in the Southwestern conference and others, including Syracuse and New Mexico.

Darkins's parents had mixed feelings about his move to Minnesota. "I think my dad thought it was a good idea," he says. "My mom wanted me to go to school at Rice. She didn't want me to go too far away from home. She wanted to be my protector, I guess. My dad wanted me to get out of Houston because a lot of things were going on around me, a lot of crime. He knew it wasn't a place for a young man to be."

Darkins is majoring in political science and wants to combine his liberal arts education with the business experience he has gained through summer internships at local financial institutions, including Dain Bosworth. "You get a taste of a lot of different things, and I don't want to be narrowly focused," says Darkins. "That's why I

really want to get into business. Last quarter I managed the Dinkytown Video store as a small business, and I got to do everything from payroll to hiring and firing. This summer I'm working at Minnesota Business Banking. I get to network a little, to interact with people, so it's a lot easier for me to learn by actually getting hands-on application. I'm not sitting in class saying, 'What am I going to use this for?'"

The same publications that picked Darkins as a top running back rate the Gophers at or near the bottom of the Big Ten this year. But Wacker and Darkins are optimistic. The Gophers have an easier schedule than in the past, playing four of their first five games at home. With the new bowl arrangement, the top five Big Ten teams will probably participate in a postseason bowl. Wacker sees Michigan coming back strong, along with Ohio

State and Penn State.

"This is our best team without a doubt, talentwise," says Wacker. "Two things have to happen. We have to have the athleticism and the speed and quickness. And the juniors and seniors have to mature. That combination comes together and gives you a chance to win football games. Until those two pieces of the puzzle fit together, it doesn't matter who the coach is, it doesn't matter what you do, it just takes time. It's going to be a pretty solid team."

"I think we'll be a much stronger team than in the past few years," says Darkins. "I think we have laid a strong foundation for this team and for the future. I just hope that we can start to build on that foundation, which would be a winning season."

During the first few years at Minnesota, Darkins had some second thoughts. "The first three years have been hard—losing when you think you should have won, giving all that you've got, and playing your hardest and still losing the game, thinking you deserved to win. But it makes you a stronger person," says Darkins.

"The first few years, I thought maybe I had made a mistake, but then I realized I am where I am, I am where I need to be, I am where I am supposed to be. This place has become like a home to me now, and I want to be here. I want to bring pride back to Minnesota. That's one of the driving factors for me deciding to stay another year. I want to play out all my cards. Because ten years from now I'd be saying, 'What if I had stayed? If I had stayed, we could have won.'"

"I think there's something more important about leaving a legacy than just leaving." ■

"I want to bring pride back to Minnesota. That's one of the driving factors for me deciding to stay another year."



# THIS YEAR'S MIDNIGHT MADNESS HAS A TOUCH OF MAGIC!

Friday, October 13

Take a Stand Against AIDS!



**Magic Johnson's Blockbuster Weekend**  
TO FIGHT HIV/AIDS IN MINNESOTA

*presented by*



Friday, October 13th - No Admission Charge  
Midnight Madness with Magic Johnson  
University of Minnesota-Williams Arena

10:00-11:00 pm - Mick Sterling Concert at Williams Arena  
11:00-11:45 pm - Celebrity charity basketball events -  
Magic Johnson and other Twin Cities sports celebrities.  
12:00 midnight - Gopher men's basketball practice begins

**Stand Against AIDS**

The Metrodome — 11:00 am - 12:30 pm

Join us in forming the largest human AIDS ribbon in the world as we wrap the Metrodome, Hand in Hand, Heart to Heart. Registration begins at 9:30 am.

**Saturday, October 14th**

**Blockbuster Block Party**

The Metrodome — 10:00 am - 3:00 pm

- Live Entertainment • Food • Games
- Celebrities • Prizes

**"AIDS is the leading cause of death  
for people aged 25 to 44"**

Join Magic Johnson and other celebrities on Saturday, October 14, at the Metrodome to "Stand against AIDS." Thousands of Minnesotans committed to finding a cure for HIV/AIDS will don red "Stand Against AIDS" shirts and form the world's largest human AIDS ribbon nearly a mile long around the Metrodome.

A Block Party will immediately follow "Stand Against AIDS" and consist of fun, food, games, prizes and more. Proceeds support Minnesota's HIV/AIDS organizations.

For more information about Magic Johnson's Blockbuster Weekend and "Stand Against AIDS", pick up an event brochure at any Blockbuster location.

Registration for the "Stand Against AIDS", event brochures and tickets for the Block Party will be available at any Blockbuster Video store after September 1.

Stand against AIDS is an opportunity for you, your friends, and your family to help bring HIV/AIDS support dollars directly to people and groups who need them in Minnesota.



For information call  
**(612) 625-4879**

**KARE 11**

# Great Stuff for Great Fans!



**Golden Gopher gold hockey jersey**  
All dazzle cloth. Also available in white or maroon. Jerseys have tri-colored trim with tacketwill "M" on front. S-XL \$100.

**Replica Gopher maroon football jersey**  
Mesh jersey with dazzle cloth shoulders and tri-colored neck trim. All jerseys silk screened #44 back and front. M-XL. \$65.

**Minnesota Gopher basketball jersey #5**  
Gold dazzle cloth. Side insert with tri-color trim. Front and back numbering. Also available in maroon. S-XL \$65.

- A Gopher Apex Darts jacket. Full-zip winter-weight polyfill jacket with detachable hood. 100% nylon with diamond quilt lining. M-XL \$115.
- B Beige, heavy twill fabric "M" cap. Relaxed crown with brass eyelets and button. Adjustable fabric backstrap. \$18.
- C Little Gopher infant/toddler sweat outfit in gray. 50/50 silk screened top and matching bottoms. 12, 18, 24 months and 2T, 3T, 4T \$26.
- D Goldy Gopher 100% cotton T-shirt. Available in gray or maroon with either basketball, football or hockey Goldy with "M." S-XL \$15. XXL \$17.

- E Minnesota Gopher 100% cotton denim shirt. Left chest embroidery. M-XL \$44. XXL \$46.
- F U of M authentic basketball warm-up suit from Apex. 100% crinkle nylon, full-zip jersey lined jacket with embroidered "M." Pants are lined, have leg zippers, elastic cuffs, drawstring waist and side pockets. M-XL \$85.
- G Gopher Champion 50/50 sweatshirt, with full-front tacketwill "M." Available in gray or maroon. M-XXL \$45.
- H White Minnesota scribble polo. Embroidered logos on a 100% cotton interlock fabric. Maroon ribbed collar and sleeves. M-XL \$50. XXL \$52.

Item (A-L)	Qty	Color	Size	Price Each	Total Price
				\$	\$
				\$	\$
<b>Subtotal</b>				\$	\$
Shipping & Handling				\$6.00	\$
<b>Total</b>				\$	\$

I New official Minnesota Hockey cap by Zephyr Graf-x. Black, wool cap with front, side and back embroidery. Fitted \$25. Adjustable cap available with black crown and maroon bill. \$21.

Make check payable to: Gold Country. If you do not pay by check - please indicate payment method below.

Name \_\_\_\_\_  
 Address \_\_\_\_\_  
 City \_\_\_\_\_ State \_\_\_\_\_  
 Zip \_\_\_\_\_ Day Phone \_\_\_\_\_

VISA       MasterCard       Discover  
 Card No. \_\_\_\_\_  
 Exp. Date: Mo. \_\_\_\_\_ Yr. \_\_\_\_\_ Amount \$ \_\_\_\_\_  
 Signature \_\_\_\_\_

Phone orders: (612) 551-5228

All credit card orders MUST be signed.

Proceeds to benefit University of Minnesota Men's Athletics. Allow 2-3 weeks for delivery.  
 Mail to: Gold Country, Inc. Attn: Mail Order, 13310 Industrial Park Blvd., Minneapolis, MN 55441



JOHN THOMAS  
AVERAGED 7.3 POINTS AND  
4.6 REBOUNDS PER GAME  
LAST SEASON.

# Ready for Prime Time

BY BRAD RUITER • PHOTOGRAPHS BY DAN VOGEL

**G**opher men's tennis and gymnastics programs brought home conference titles, while the traditionally strong baseball and swimming and diving teams each finished second in the Big Ten. In unofficial 1994-95 all-sport results (based on eleven points for first place, ten for second, nine for third, etc.), the Gophers finished second in total points (85.5) to Michigan (91.5) in the Big Ten. The 1995-96 season promises to be an exciting one for fans as Gopher athletes work to climb to the number one position.

Following are capsules of what to expect from the 1995-96 editions of Gold Country squads, highlighting the top performers in the respective sports.

**Baseball** An enviable problem that successful collegiate baseball programs have at the end of each season is the beast called baseball's amateur draft. Shane Gunderson from Faribault, Minnesota—Big Ten co-MVP and a third team all-American last season after hitting .389 with thirteen home runs and 65 RBIs—was drafted and signed by the hometown Minnesota Twins. Three other Gophers (Wes Denning, Andy Hammer-

schmidt, and Brian Mensink) were also chosen by major league organizations, bringing to nine the number of Gophers drafted over the last two years. But a strong nucleus of pitchers and hitters returns from the 1995 squad, which posted the school's 33rd consecutive winning season (31-28 overall, 16-12 in the Big Ten), the longest current streak of any sports program on campus.

Senior Joe Westfall from Marathon, Wisconsin, junior Justin Pederson from Chippewa Falls, Wisconsin, senior Brian Mensink from Rochester, Minnesota, and senior Brad Kearin from Minnetonka, Minnesota, combined for nearly 60 percent of the Gophers' mound victories and strikeouts last season and will anchor a solid group on the mound in 1996. Pederson, a righthander who split time between the bullpen and starting rotation his first two seasons, was honored as a second team all-Big Ten relief pitcher last season. Westfall led the squad in ERA (4.09) and victories (six) and was a member of the all-Big Ten third team.

Senior first baseman Rob Smith from Menomonie, Wisconsin, emerged as a solid performer last season (.318, eight home runs, 35 RBIs) and will be part of a veteran infield that returns three starters. Junior second baseman Bob Keeney from Burnsville, Minnesota, came on strong during the latter portion of the season, hitting .369 after his last 27 games. Slick-fielding junior shortstop Steve Huls from Cold Spring, Minnesota, is the third returning member of the infield.

Gunderson and third baseman Tony Bender, who has graduated, were named as first team all-Big Ten selections. Bender, a four-year starter at the hot corner from Rock Island, Illinois, will be missed both offensively and defensively in the Gopher lineup.

An eighteenth Big Ten title, 35th consecutive winning season, and fifth NCAA appearance in the past six years all look to be realistic goals for head coach John Anderson (500-319-3) as he enters his fifteenth campaign working toward the ultimate goal—the College World Series.

**Basketball** Despite the loss of five seniors from last season's NCAA tournament team, the future of Gopher basketball looks bright heading into its second century. The 1994-95 team finished 19-11 overall and 10-8 in the Big Ten, and won the Great Alaska Shootout championship.

Sophomore Sam Jacobson from Cottage Grove, Minnesota, a much-heralded guard who averaged 7.2 points and 4.4 rebounds a game, will have a chance to assume a leadership role after showing signs of brilliance in his first season. Jacobson made his presence felt immediately on a veteran squad last season, posting conference season highs of fourteen points and seven rebounds in his first-ever Big Ten game, a 69-67 win over Penn State at Williams Arena.

Junior John Thomas, a graduate of Minneapolis Roosevelt High School, leads the way in the front court. Solidly built at 6 feet 9 inches and 265 pounds, Thomas was fifth on the team with a 7.3-points-per-game average and third in snaring 4.6 rebounds per contest. An emerging force in the paint, Thomas will be in the running for individual Big Ten honors entering his third season.

Once again senior leadership will be a key to success, with the majority of the responsibility falling on the shoulders of forward David Grim. The senior from Massillon, Ohio, has been a regular off the bench the past two seasons and started six games during the 1994-95 season, with a high of thirteen points in Minnesota's 79-74 win over Brigham Young in the championship game of the Great Alaska Shootout. Grim also is a solid performer

in the classroom, earning academic all-Big Ten honors for the third straight year. Junior center Trevor Winter from Slayton, Minnesota, was named to the academic all-Big Ten team as well.

Perhaps the biggest reason for optimism in the hoops camp stems from an outstanding recruiting class, ranked twelfth in the nation by Gibbons' Scouting Service. Junior college transfers Bobby Jackson from Salisbury, North Carolina, and Mark Jones from Milwaukee were both coveted by some of the top programs in the country, and incoming freshmen Quincy Lewis from Little Rock, Arkansas, Courtney James from Indianapolis, Charles Thomas from Harlan, Kentucky, and Miles Tarver from Alameda, California, add young talent to blend with the veteran group.

Jackson, a point guard from Western Nebraska Community College, Jones, a shooting guard from Anderson College in South Carolina, and James, a 6-foot 8-inch forward, are all expected to challenge for starting roles.

A run at an upper-division finish in the Big Ten and another NCAA tournament appearance are not unrealistic goals for head coach Clem Haskins, who will be entering his ninth season at the helm of the Gopher program. The University of Minnesota will host the NCAA Midwest Regional Finals at the Metrodome March 21-23, 1996.

**Hockey** Boasting a returning lineup that features Hobey Baker Award candidate Brian Bonin, the Gophers will take another shot at the NCAA championship in 1995-96. The Gophers reached college hockey's Final Four for the second consecutive season in 1994-95, bowing to eventual champion Boston University 7-3 in the semifinals.

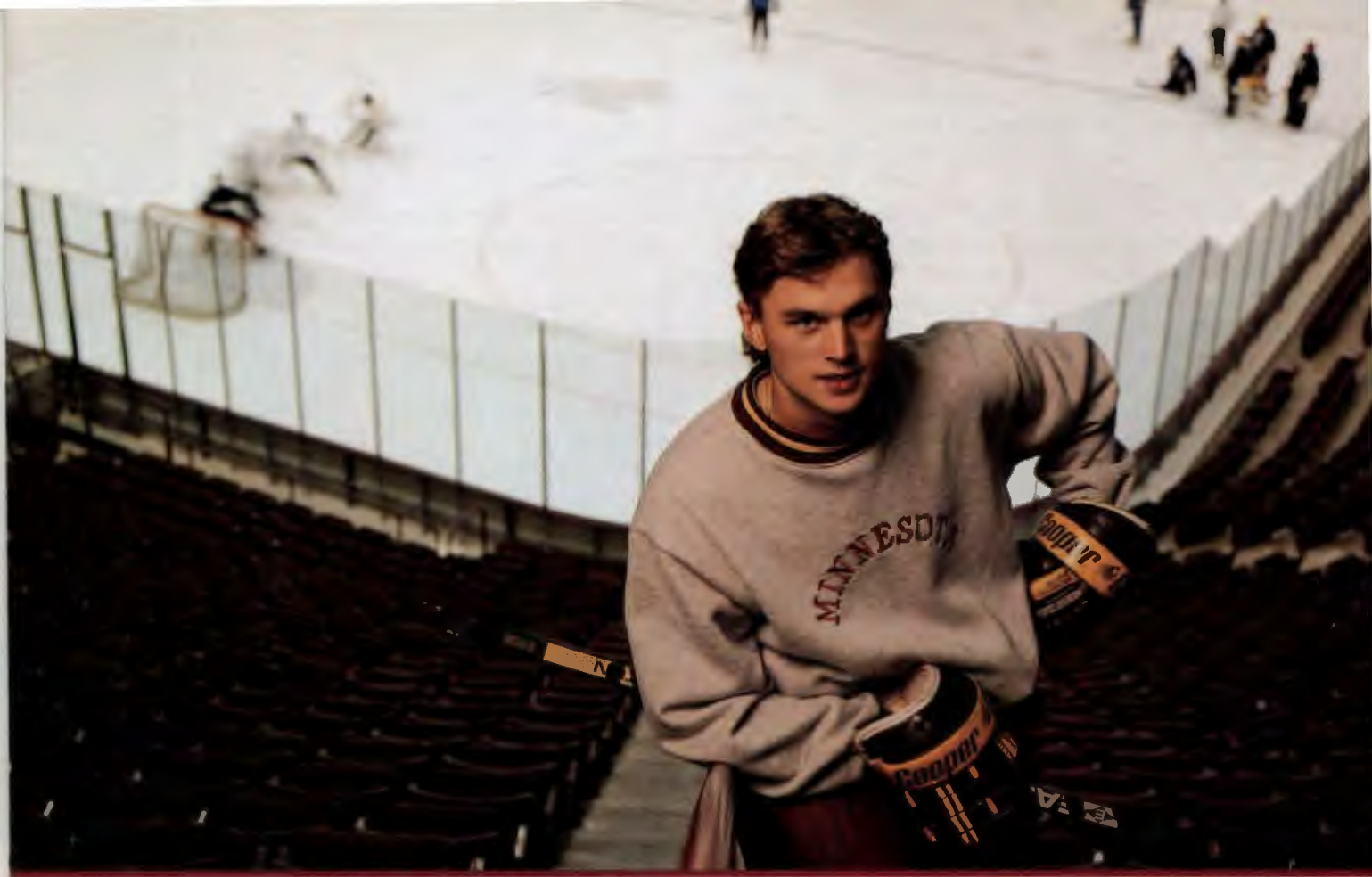
Bonin, a senior center from White Bear Lake, Minnesota, led the team in scoring last season with 32 goals and 31 assists. He was named a finalist for the Hobey Baker Award, hockey's equivalent of the Heisman Trophy, was selected a first-team all-American, was named the WCHA Player of the Year, and was the WCHA scoring champion. In addition, Bonin was one of seven Gophers named to the academic all-Big Ten team.

Sophomore defenseman Mike Crowley from Bloomington, Minnesota, was named the WCHA Freshman of the Year and earned all-WCHA honorable mention for his 38-point season (eleven goals, 27 assists) in 1994-95. Another outstanding talent who will be returning is sophomore center Ryan Kraft. The native of Moorhead, Minnesota, was second to Bonin on the team in scoring (thirteen goals, 33 assists) while also leading all WCHA freshmen in scoring and being honored on the WCHA all-rookie team and the WCHA Final Five all-tournament team.

Joining Crowley and Kraft with a successful rookie campaign was wing Casey Hankinson from Edina, Minnesota. Hankinson emerged as a big-game player with two game-winning goals in the playoff run a year ago. Senior defenseman Dan Trebil from Bloomington, Minnesota, provides invaluable senior leadership along with the stick that led all WCHA defensemen in scoring last season (ten goals, 33 assists).

Goaltenders Jeff Moen, a senior from Roseville, Minnesota, and Steve DeBus, a sophomore from Rochester, Minnesota, look to be the front-runners for time in the nets this season. Other leaders returning are junior center/wing Nick Checco from Bloomington, Minnesota (fourteen goals, eleven assists in 1994-95); junior wing Dan Woog from South St. Paul, Minnesota (five goals,





WITH ELEVEN GOALS AND 27 ASSISTS, MIKE CROWLEY WAS NAMED WCHA FRESHMAN OF THE YEAR.

sixteen assists); senior center/wing Andy Brink from Bemidji, Minnesota (three goals, fifteen assists); and senior wing Dave Larson from South St. Paul, Minnesota (nine goals, seven assists).

Doug Woog notched his 300th career win as Gopher head coach last season and has more than successfully maintained the excellence of one of the top collegiate hockey programs in the nation with ten straight NCAA tournament appearances, nine of them under his leadership.

With one of the top players in the country leading the way, the new season looks to be filled with excitement at Mariucci Arena. The team has its sights set on the crown jewel of college hockey—the NCAA championship.

**Wrestling** One of the keys to a successful dual meet team is a dependable heavyweight who comes through when the match is on the line. For the past three seasons, the Gophers have had one of the best anchors in the country in heavyweight Billy Pierce from Minneapolis.

Pierce, a two-time all-American who has racked up 116 victories and 43 pins in his first three seasons, will be back for his final campaign to become just the third Gopher grappler to earn all-American status a third time. He is coming off a 35-8 season and will challenge to become Minnesota's all-time leader in victories and pins.

Leading off the dual meet lineup with a solid performer is also vital, and the Gophers have one of the best around in junior 118-pounder Brandon Paulson from Anoka, Minnesota. Last season Paulson was 31-9, finished third in the Big Ten, and was named to the academic all-Big Ten team for the second consecutive year.

Also returning is Zac Taylor, who is recovering from off-season knee surgery. The 167-pound junior from Sandpoint, Idaho, followed up a 34-9 freshman season with a 32-6 overall record in 1994-95. A tenacious wrestler, Taylor suffered his injury late in the season, hampering his performance in the postseason matches.

Boasting an outstanding recruiting class once again, head coach J Robinson enters his tenth season at Minnesota with renewed optimism that his team can challenge perennial conference and national power Iowa for honors. The Gophers will host the NCAA championships at the Target Center in Minneapolis March 21-23, 1996.

**Golf** A core of veteran performers returns to the traditionally strong Gopher golf program for the 1995-96 season.

Named team captain is senior Aaron Barber from New London, Minnesota. Last season Barber led the team with seven top ten finishes, was second with a 74.6-stroke average and was named District IV all-American and team MVP. Barber and junior Mark Halvorson were named to the academic all-Big Ten squad. Halvorson, who hails from Fargo, North Dakota, finished with a 76.4-stroke average and a top individual placing of seventh at the nineteen-team Kent Invitational in late April. Sophomore Jeff Barney of Appleton, Minnesota, stepped in as a freshman last season and performed well, posting a 77.2-stroke average and finishing fourth at the Adams Cup of Newport.

A talented group of redshirt and incoming freshmen will be vying for the fourth and fifth spots in the lineup, as the Gophers work to improve on a sixth-place finish in the Big Ten tournament and gain a return invitation to the NCAA regionals. Last

season Minnesota made its third consecutive appearance in the NCAA tournament, placing fourteenth in the Central Regional in Houston. That score fell just eight strokes short of qualifying for the NCAA championships.

Head coach John Means enters his fifth season at Minnesota with reason to smile as his student-athletes have achieved a high level of success both on the golf course and in the classroom to build a program that is looked on with respect throughout the country.

**Gymnastics** With a Big Ten championship and a sixth-place finish at the NCAA championships, it will be difficult to improve on the Gopher men's gymnastics 1994-95 season, but that's the task at hand. The team will return six of seven regulars, although the void left by Minnesota's 1995 Big Ten Conference Medal of Honor winner and all-American Brian Yee will be difficult to fill.

Sophomore Colby Van Cleave from Houston is a returning all-American on the vault, placing fifth in the event at the 1995 national championships. Van Cleave and Yee tied for top honors in the vault at the Big Ten championships. Heath Wall, a junior from Sterling Heights, Michigan, is particularly strong on the rings and parallel bars. He took home two first-place finishes on the rings last season while placing third in the Big Ten meet in the parallel bars.

Senior Andrew Weaver from Albuquerque, New Mexico, hopes to raise his fifth-place finish in the Big Ten all-around from last season. He finished eighth in the conference meet individually on the high bar. Juniors Frank Ticknor from Milwaukee and Chris Harrington from Brookfield, Wisconsin, each gained NCAA experience last season, competing on the high bar and rings respectively. Harrington was named to the academic all-Big Ten team along with teammate Ryan Carns, a junior from Grafton, Wisconsin.

The 1994-95 Big Ten title was the 21st overall for the men's gymnastics program and the eleventh under the direction of head coach Fred Roethlisberger. The 1995 Big Ten Coach of the Year has a 164-60 dual meet record in his tenure at Minnesota.

**Tennis** The Gopher men's tennis team continues its winning ways: winning four consecutive Big Ten titles, making back-to-back NCAA tournament appearances, and winning 117 of 141 matches the past five seasons. In 1995-96 the netters expect to carry on this tradition of excellence.

Junior Lars Hjarrand from Oslo, Norway, who has clinched the past two Big Ten team crowns for the Gophers, finished 1995 with a flourish by winning his last eight matches. Hjarrand was named to the all-Big Ten team and was named Big Ten Player of the Month in April 1995. He paired with senior Erik Donley of Duluth, Minnesota, to win the regional championships. Donley finished last season with a 33-10 overall record.

Other returnees who will be key players in the upcoming season are junior brothers Ben and Matt Gabler from Chambersburg, Pennsylvania, and junior Robin Rutili from Uppsala, Sweden. Ben Gabler finished last season with an impressive 27-9 singles record and combined with Matt to post a 10-5 mark as doubles partners. Rutili helped solidify the number-three doubles position down the stretch last season and will have an expanded role in 1995-96.

The team was also representative of the Gophers' outstanding season in the classroom as Matt Gabler was honored on the aca-

ademic all-Big Ten team.

The man orchestrating this Big Ten dynasty is head coach David Gaetz, who also boasts an excellent recruiting class of new freshmen for the 1995-96 season. Gaetz, who has been named Big Ten Coach of the Year three times in the 1990s, has guided the Gophers to five Big Ten titles overall in his seven seasons at the helm.

**Cross Country** The Gopher cross-country team took two steps forward and one step back, as inexperience and injury dogged a season that saw excellent individual performances in most meets. With a new season ahead of them and much-needed experience behind them, the Gophers have renewed optimism for 1995.

Senior Jason Boon from Cottage Grove, Minnesota, who finished 24th at the Big Ten meet a year ago, emerged last season with a personal-best time of 25:21 and a fifth-place finish at the Central Collegiate championships in East Lansing, Michigan.

Junior Rick Obleman from Regina, Saskatchewan, completed a solid second season with a 22nd-place finish at the conference meet, leading the Gophers to a sixth-place team finish. Senior Paul Michalek, a middle-distance track man from Bloomington, Minnesota, who stepped in to provide solid performances throughout the season in 1994, is a veteran capable of excellent performance.

Sophomore Allen Broderius from Duluth, Minnesota, completed a successful freshman season with strong performances late in the season. Sophomore Tony Riter from Shoreview, Minnesota, is the other returning letter winner.

Head coach Roy Griak continued to lead his peers not only in experience, but also in the production of fine student-athletes. Six runners were named to the academic all-Big Ten last season. With a year of Division I cross-country experience and improved times, there is reason to believe that the young Gophers will break into the upper half of the conference in 1996.

**Swimming and Diving** Already one of the nation's top ten programs, the Gopher swimming and diving team returns a pool full of veterans after winning its sixth consecutive second-place finish in the Big Ten.

Senior diver P. J. Bogart from Mesa, Arizona, who won the NCAA championship on the ten-meter platform as a freshman, added the NCAA one-meter springboard title to his trophy case last season. Bogart was named National Diver of the Year for those efforts plus a second-place finish nationally on the three-meter springboard and a fourth-place effort on the ten-meter platform. He also swept crowns in all three diving events at the Big Ten meet.

Senior Bernie Zeruhn of Hamburg, Germany, was a three-time all-American in the water and was honored as an academic all-American. In all, twelve Gopher swimmers and divers were named to the academic all-Big Ten team.

Senior Derek Williams from Lansdale, Pennsylvania, set a Big Ten record in the 100 fly on his way to winning the event at the conference meet. He earned all-American honors by finishing fifth in the event at the NCAA championships. Other Gopher returnees who will lead the way in 1995-96 are senior Duane Dobko from Ajax, Ontario; sophomore Manolis Lentaris from Hania, Crete, Greece; junior Matt Schlessman from Avon, Ohio; and sophomore Jon McLeod from Regina, Saskatchewan.







DISTRICT IV ALL-AMERICAN GOLFER AARON BARBER HAS A 74.6-STROKE AVERAGE.

Dobko was a member of the 200-medley relay and 400-medley relay units, both of which earned all-American honorable mention honors. Lentaris was an all-American in both the 500 freestyle as an individual (seventh) and as a member of the eighth-place 200 free team, which also included Schlessman, McLeod, and Zeruhn. McLeod received honorable mention all-American recognition in the 400 intermediate with a ninth-place finish and is just one of a handful of talented young swimmers ready to burst onto the national scene.

Head swimming coach Dennis Dale and head diving coach Doug Shaffer have all the pieces in place in 1995-96 to make a serious run at the Michigan Wolverines, conference powerhouses of the past ten years.

**Track and Field** The 1994-95 track and field team offered a good mix of veteran leadership and emerging stars to propel the Gophers to their eighth straight upper-division finish in the Big Ten outdoor meet, hosted in May by the University. With many team members returning, the tracksters will be expecting no less than upper echelon performances and improvement on a fourth-place conference finish.

Junior Tye Harvey from Jamestown, California, has established himself as one of the premier pole vaulters both in the conference and in the nation. Harvey climbed to seventeen feet, six and a half inches last season, which is the second-best vault in school history, and finished third at both the Big Ten indoor and outdoor meets and gained all-American status with an eighth-place finish at the NCAA championships.

Senior Paul Michalek from Bloomington, Minnesota, finished

second in both the 800 and the 1,500 at the Big Ten outdoor meet, earning him an at-large all-Big Ten nomination. Michalek will be one of three members of the 4 x 800-meter relay team returning in 1995-96 after posting the second-fastest clocking in school history (7:24.63) last season at the Drake Relays.

Junior Seth Mischke from Worland, Wyoming, is coming off a record-setting season in the indoor heptathlon, an event in which he placed sixth at the conference meet. Mischke set the school record in that event and the decathlon last season. Junior Eric Stommes from Foley, Minnesota, is back after setting the school indoor record in the 200-meter dash last season and is part of the Gophers' 4 x 100-meter relay team, which posted the second-best time in school history (40.68) a year ago.

Sophomore Wil Kurth from Rochester, Minnesota, whose peak high jump of seven feet, three inches at the Big Ten outdoor meet earned him third place, brings the potential for high team scoring in the field events. Junior Rick Obleman from Regina, Saskatchewan, also posted a personal best when it mattered most as he led the conference steeplechase heading into the final lap before falling back to a respectable seventh-place finish.

The 1995-96 track and field season will be the first time in 33 years that Roy Griak will not be the head coach. Griak retired as the track and field head man after last season, but will remain as head cross-country coach and will serve as an administrative assistant to the track and field team. He leaves behind a great deal of talent for his successor, Phil Lundin, who has master's and Ph.D. degrees from the University. Lundin learned from the best; he served as assistant coach under Griak for twelve years. ■

# Without help, it won't fly.



Power lines. Poison. Gunshot. Auto accidents. Each year they take their toll on countless eagles, falcons, osprey and other magnificent birds of prey. They have no insurance. But for hundreds, help is available.

The Raptor Center, part of the University's College of Veterinary Medicine, is the only facility of its kind in the world. Last year alone we treated more than 700 injured raptors from 24 states and two countries. The Center has

pioneered and perfected surgical techniques that are now used worldwide, and is a valued consultant for veterinarians, zoos and wildlife experts.

The birds depend on us. And we depend on you. The Raptor Center is funded almost entirely by private donations. Without help, we can't continue to operate this premier medical facility. Please become a member today. Together, we can make it fly.

## Mail this today. It's the gift of flight.

Here is my gift for the support of birds treated at The Raptor Center:

\$1,000+    \$500    \$250    \$125    \$50    \$35  
 Visa    MasterCard    Discover

Account Number \_\_\_\_\_ Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

Name \_\_\_\_\_ Phone \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**THE RAPTOR CENTER**  
*at the*  
**UNIVERSITY OF MINNESOTA**

MAIL TO: 1920 Fitch Avenue, St. Paul, MN 55108, (612) 624-4745  
An equal opportunity educator and employer.

# Behind the Headlines

Chris Voelz speaks out on the best of times, the worst of times. Plus a sport-by-sport preview

BY KAREN ROACH

t

he past year was a dichotomy for the women's intercollegiate athletics department. Hosting the 1995 NCAA women's basketball Final Four attracted corporate sponsors and media that brought the Twin Cities into the national spotlight. As the department competed for higher athletic and academic rankings, however, it also battled in the courtroom, with lawsuits involving the gymnastics and volleyball programs.

The year's complexities will never be known by the public, says women's athletic director Chris Voelz. Certainly the most publicized was Voelz's nonrenewal of thirteen-year volleyball coach Stephanie Schleuder's contract. The ensuing dispute was fueled by the media, and there was a public outcry of support—both for Schleuder and for Voelz. Schleuder sued, then settled out of court for \$300,000; an interim coach has been hired. Meanwhile, the University won its eighth and final lawsuit on the gymnastics program.

Voelz backs the outcome and her decisions regarding both programs but concedes that the timing has been hard on the volleyball team. She is dismayed that so much publicity has been directed at these events rather than the story of the student-athlete experience. "The turmoil that may have been depicted in the media is reflective of society," she says. "There is a massive reluc-

tance to accept women in the sports field; it's one of the last bastions."

The exception was the women's Final Four, which captured the hearts of Twin Citians and drew the second-highest attendance in the history of the event. Journalists noted it as the pinnacle event that it was for the women's athletic department, which has hosted four national championships in seven years.

"I will never stop learning, and I am committed to learning. But I was forced to learn in a very public forum," says Voelz of the lawsuits. "I reaf-

firmed the value of knowing myself, because often, not only last year, what was portrayed was not the person I know, not the person my friends or my family or most of my colleagues know. . . . Our department has not lost its vision. As a matter of fact, we have all-time highs in everything."

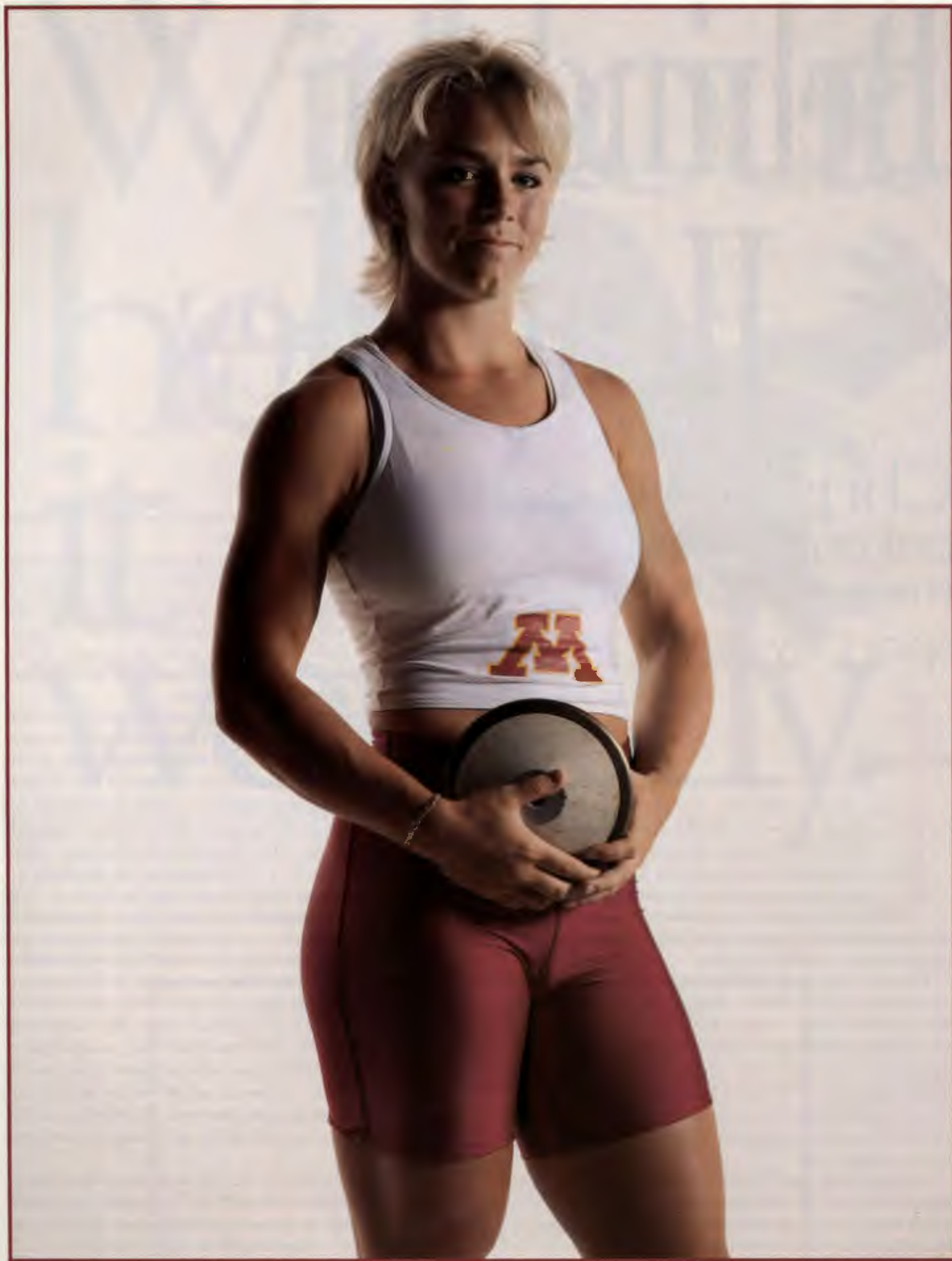
In 1994-95 those all-time highs included academic standing, attendance, corporate sponsorship, and private giving. Other highlights were the first-ever sellout at the Sports Pavilion and the highest number of minority student-athletes to sign tenders to attend the University. Five teams equaled or bettered their conference rankings, and the University boasted a half dozen all-Americans. And Minnesota continued to attract the brightest as well as the best: For the third consecutive year, women student-athletes earned cumulative grade point averages higher than 3.0.

Despite the accomplishments, gender and pay equity—and separate athletic departments—continue to be ongoing issues. In 1994, women athletes numbered 104, a 177 percent increase over 47 in 1988.

"Not only are we alive and well, but we are charging and changing," says Voelz, "and when you charge and change, you move at a rapid pace to make up for some past indifference. And when you dare to change, it's uncomfortable for many around you."

Each year, says Voelz, she gives the senior student-athletes a salute: "You've been given a good foundation and you've been





JUNIOR DANI PARKOS HAS A PERSONAL-BEST DISCUS TOSS OF 166 FEET 4 INCHES.

---

wonderful for the University of Minnesota. It doesn't stop now. Come back often, and give back to your school and to your sport in resources, time, and energy."

"And they do," says Voelz. "We go back many years, but we've only had twenty years of true athletic department alums. We are

now reaching out to those women and saying you still belong to us, you are us, you are our roots."

As the department marks its twentieth anniversary this year, more and more Gopher women will be saluting and supporting their legacy.

## FOLLOWING ARE SPORT-BY-SPORT HIGHLIGHTS OF THE 1994-95 SEASON AND A BRIEF OUTLOOK FOR 1995-96.

**Volleyball** The Gophers dropped a few notches to sixth in the conference, posting a 21-15 overall, 10-10 Big Ten record. They made their second trip to the National Invitational Volleyball Championship (NIVC), their fourth postseason appearance during Stephanie Schleuder's thirteen years as coach.

Senior Jean Schintz from White Bear Lake, Minnesota, was named to the NIVC all-tournament team and closed out her four-year career with a handful of marks in the record books, including her fifth-place tie with 1,250 kills. Senior Gretchen Dahl from Prior Lake, Minnesota, added two records, including a second-place finish in block assists with 365.

Interim coach Pam Miller-Dombick will look to the following team leaders this season: senior Heidi Olhausen from Apple Valley, Minnesota, who last year broke Dahl's record by one, with 126 block assists in a single season; junior Katrien DeDecker from Bredene, Belgium, who has moved into tenth place with 991 career kills; and sophomore setter Becky Bauer from Bloomington, Minnesota, who is fourth in career assists after just one season as a Gopher.

**Cross Country** The Gopher harriers finished sixth at the 1994 Big Ten championships, their lowest finish since 1986, and sixth at the regional championships. The team was led by junior all-American Lori Townsend from Clarksboro, New Jersey, who placed fifth in the 5,000 meters at the Big Ten meet and fifth at the regional meet with a personal-best time of 17:25 minutes. Townsend was named all-Big Ten and was the team's sole runner to advance to the NCAA championships.

Coach Gary Wilson, who loses several top runners to graduation, hopes to build his twelfth season with Townsend and three Minnesotans: sophomore Lisa Aro from Hanover, junior Karen Kleindl from Graceville, and junior Keri Zweig from Excelsior.

**Soccer** Coach Sue Montagne and the Gopher women's soccer team made history as they competed in the first Big Ten championship. The team finished the season 10-6-4 overall, ranked ninth in the Central Region.

The team was led by first-team all-conference selection sophomore Jennifer Walek from Lake Elmo, Minnesota, and Big Ten Freshman of the Year Jennifer McElmury from White Bear Lake, Minnesota. Walek finished the season with fourteen goals and six assists for 34 points, while McElmury added eleven goals and six assists for 28 points. Named to the conference second team was sophomore Mikki Denney from Omaha, Nebraska, a defender who transferred to Minnesota from the University of North Carolina.

This season the team hopes to earn an NCAA tournament bid and rank in the nation's top 25. The Gophers should benefit from

strong freshman recruits, including Corinne Bolder and Vanessa Touset, both from Woodbridge, Virginia; Jaime O'Gara from Omaha, Nebraska; and Noelle Papenhausen from Burnsville, Minnesota.

**Gymnastics** After breaking eight Gopher records and compiling a 7-0 undefeated home record in 1995, the gymnastics team finished fourth at the Big Ten championship. Third-year coach Jim Stephenson was named co-Big Ten Coach of the Year.

Top performers were freshman Mindy Knaeble from New Hope, Minnesota, who set individual records and earned all-Big Ten honors in the balance beam and vault; and sophomore Kristen Vandersall from Plymouth, Minnesota, who scored a record 9.825 in the floor exercise.

Other records in 1995 included team score (193.675), Big Ten championship team score (191.675), balance beam (48.675), uneven bars (48.05), and vault (48.250).

Next season, the Gophers hope to continue their record-breaking ways with help from senior Susan Castner from Worthington, Ohio, on the balance beam and sophomore Stacey Batza from Oxford, Connecticut, on vault.

**Basketball** The Gophers posted a 12-15 overall, 7-9 Big Ten record, tying for seventh in the Big Ten. Senior St. Paul natives Shannon Loeblein at guard and Cara Pearson at forward were named to the all-Big Ten second team and honorable mention, respectively. Pearson led the team with fifteen points and eight rebounds per game. Loeblein added fourteen points and five rebounds per game, and was among Big Ten leaders in assists and steals. Loeblein holds school records in three-point shots with 63 for the season and 133 career treys.

The Gophers continue their love affair with the Sports Pavilion, tallying a 20-6 two-year record in the facility. Next year, sixth-year coach Linda Hill-MacDonald hopes some luck will rub off on the team on the road as well. Returning are senior 6-foot 3-inch center Sarah Cecka from Jordan, Minnesota; junior 6-foot 2-inch post Cheri Stafford from Ham Lake, Minnesota; and sophomore guards Kay Schmidt from Bloomington, Minnesota, and Jaime Ellis from Lake Oswego, Oregon.

**Swimming and Diving** Undefeated in their dual meet season, the Gophers placed second at the Big Ten championships. For the third time in the past five years, Minnesota finished in the top twenty nationally, tying for nineteenth place. Two swimmers earned all-American honors: freshman freestyler Olga Splichalova from Znojmo, Czech Repub-



lic, who was the team's top scorer with eighteen points; and sophomore Tanya Schuh from Lake Elmo, Minnesota, who was fifth in the 100-yard butterfly. All-American honorable mention honors were added by senior Kara Martin from Lincoln, Nebraska, in platform diving, and sophomore Andrea Berg from Issaquah, Washington, in one-meter and three-meter springboard diving.

Head coach Jean Freeman enters her 23rd season with some challenges, including fitting the Olympic trials in March into the Gophers' regular season. She and seventh-year diving coach Doug Shaffer hope to land a Gopher on the Olympic team and aim to repeat their ranking in the nation's top twenty. Look for continued excellence from the team's all-Americans, as well as contribu-



SOCCER'S BIG TEN FRESHMAN OF THE YEAR JENNIFER McELMURY HAD ELEVEN GOALS AND SIX ASSISTS.

tions from junior butterflyer Jessica Grass from Knoxville, Tennessee; junior freestyler Suzie Helvig from Mandan, North Dakota; sophomore freestyler and butterflyer Kari Klassen from Northfield, Minnesota; and sophomore breaststroker Gretchen Hegener from Cologne, Minnesota.

**Tennis** The Gopher tennis team finished seventh in the Big Ten for the fourth year in a row, posting a 9-14 overall, 4-9 Big Ten dual meet record. The team was led by Tiffany Gates from Grandville, Michigan, who became the first Gopher women's tennis player in history to qualify for the NCAA tournament in singles. Gates finished the regular season 26-11 overall, 11-2 in the Big Ten at number one singles, and was named to the all-Big Ten team for the second year. She was ranked as high as 55th in the Rolex Collegiate Ranking, her highest national ranking at Minnesota, with victories over six nationally ranked opponents.

In doubles action, Gates teamed with junior Dana Peterson from Apple Valley, Minnesota, and the duo posted a 22-10 overall and 10-3 Big Ten record at number one doubles, ranking as high as 30th nationally. At number two and three doubles, seniors Susan Culik from Chapin, South Carolina, and Bridget Ferguson from Burnsville, Minnesota, posted a 21-4 record for the Gophers.

Sixth-year coach Martin Novak hopes to move up the Big Ten ladder with help from sophomores Jenny Svehla from Naperville, Illinois, and Jennifer Hayes from Fond du Lac, Wisconsin. The Gophers have signed Jana Hrdinova, a native of Czechoslovakia, who won Wisconsin's high school state championship in 1994.

**Track and Field** The track team celebrated its best-ever outdoor season with a third-place finish at the Big Ten championships, hosted by Minnesota. The Gophers had two conference champions: senior Heather Berlin from Liberal, Kansas, who regained her Big Ten title in the javelin with a toss of 168 feet 4 inches; and junior Dani Parkos from Grand Forks, North Dakota, who won the discus with a personal-best toss of 166 feet 4 inches and also placed third in the shot put. Parkos, Berlin, and senior all-American Lori Townsend from Clarksboro, New Jersey, qualified for the NCAA championships. Berlin earned her second all-American citation with a second-place national finish in the javelin. Making her second trip to nationals in the 5,000 meters, Townsend also was the team's highest indoor finisher with sixth place and all-American honors in the 3,000 meters.

Next year, eleventh-year coach Gary Wilson aims to repeat in the Big Ten's top three. Watch for Kim Martin from Pittsburgh, who broke seven Minnesota sprint records as a freshman; sophomore distance runner Andrea Lentz from Willmar, Minnesota; senior sprinter/high jumper Kathianne Sellers from Lancaster, Pennsylvania; and senior sprinter/triple jumper Lori Hardrick from Milwaukee.

**Softball** The Gophers climbed four notches from the previous season to a 15-13, fourth-place Big Ten finish, qualifying for the first annual Big Ten softball tournament.

Sophomore outfielder Rachel Nelson from Good Thunder, Minnesota, earned the team's top honor by being named to the all-American third team. She also landed first-team conference and regional spots for the second consecutive year, leading the Gophers in seven offensive categories, including a .380 batting average.

Freshman infielder and designated player Amber Hegland from Farmington, Minnesota, was a second-team conference and regional selection, leading the Gophers in RBIs and averaging .339 at the plate. Hegland started all 56 games in her freshman year and will enter the 1995-96 season with a fifteen-game hitting streak.

In addition, Gopher softball player Jenny Lopez from Fort Collins, Colorado, was chosen as a National Strength and Conditioning Association all-American, an honor reserved for one male and one female athlete from each university.

Fourth-year coach Lisa Bernstein marked her 100th career win in April. Next season she would like to contend for a Big Ten title with the talent of junior catcher Ann Bartholmey from Austin, Minnesota; junior pitcher Jennifer Johnson from Diamond Bar, California, who was ranked third in the nation in 1995 with five





KIM MARTIN BROKE SEVEN MINNESOTA SPRINT RECORDS AS A FRESHMAN.

saves; and sophomore pitcher Wendy Logue from Milan, Illinois. The Gophers will also look for immediate contributions from several freshman recruits, including pitcher Steph Klaviter from New Ulm, Minnesota, and shortstop Shannon Beeler from Shelton, Washington.

**Golf** Top finishes for the Gophers in the fall included a tournament victory at Iowa State and a second-place tie at the Minnesota Invitational. In the spring, they placed sixth at the Big Ten championship and nineteenth at the NCAA East Regional cham-

pionship. The Gophers were led by senior Amy Schmiesing from Spicer, Minnesota, who posted a spring 77.06-stroke average and was named by coaches to the all-Midwest district first team.

Coach Kathy Williams hopes to make a return trip to regionals in her fifth season with junior Carolyn Klecker from River Falls, Wisconsin, and a number of Minnesotans: senior Jenny Ellefson from Minnesota City, junior Cathy Lindblad from Willmar, sophomores Amy Dahle from Red Lake Falls and Marcy Savage from Hibbing, and freshman recruits Melanie Lepp from Wells and Donna Boom from Albert Lea. ■

# Back-to-School Revolution

Continuing education reinvents itself for U2000 and new-age competition BY PAMELA LAVIGNE

**E**very year some 35,000 of us give in to the urge to buy a new notebook and a couple of fresh pens and go back to school by registering for an extension class on the Twin Cities campus. Used to be, we did that through CEE, Continuing Education and Extension. This year, though, we'll be doing it through UC, or University College.

For the time being, the old and new names come bundled: Continuing Education and Extension/University College. ("I call it the Wally McCarthy/Lindahl Olds approach to a name change," says associate dean Ann Pflaum.) Together they refer to the collegiate unit that manages a wide range of continuing education programs.

Everything that CEE offered is still available. Through Extension Classes alone, there are more than 2,000 courses in 125-plus departments from accounting to youth studies. And even though we usually think of them as night classes, they're offered mornings, afternoons, and on weekends, too. Some are for credit; some aren't. Coverage runs from Summer Honors College, for bright high school seniors, to Elderhostel, for bright senior citizens. Also under the umbrella are the Split Rock Arts Program on the Duluth campus, Compleat/Practical Scholar, Neighborhood Programs in low-income areas in the Twin Cities, and Independent Study.

With a collection of programs that broad, maybe a two-part name isn't too much. At any rate, it does clarify things: There's another Twin Cities campus University College, the unit for students designing an individualized undergraduate degree. A merger may be possible, though no plans are ready yet.

(It's easy to get confused, so take note: The CEE/UC name change does not involve *General College*, which remains a separate collegiate unit and a leader in what's known as developmental education. Prospective students whose transcripts don't meet University standards can be admitted via General College. There, with smaller classes and individualized attention, they can get up to speed and succeed when they transfer to one of the University's degree-granting colleges.)

"General extension," as opposed to the original, agricultural extension, got its start in 1913, explains Pflaum. (It was one of two innovations wrought by George Edgar Vincent, the University's third president, who also launched the Graduate School.) General extension offered the courses that then constituted a "gentle-



man's" education: liberal arts, science, military science. Teachers were University faculty, and classes were held on campus.

Night classes were developed for the "industrious and working classes," those who hadn't been able to finish college, or who hadn't yet started. It was a time when earning a college degree set a person up for life. It was a time, too, when the University was the only higher education game in town, and in the state.

"The model now is different," Pflaum says. Now it's continuing professional growth and development over a lifetime. In our informa-

tion age and knowledge economy, the speed of change means we'll all be back in school some time just to keep up.

The landscape of higher education is different now, too. Like a new computer, the system comes with many preinstalled options: technical-vocational institutes, community colleges, state colleges. Just as new technologies change the way we do our jobs, they also change the way we learn and can be taught. "Education is not time- or space-bound," Pflaum says. "The University itself has to change to keep up."

Changes in CEE are part of U2000, the University's blueprint for improving its programs and becoming more customer friendly for the 21st century. One of the plan's six initiatives is to improve access to University programs, and the "centerpiece" of that effort is University College, explains CEE/UC dean Hal Miller. CEE was asked to take a more aggressive role in outreach and to initiate degree programs of its own, Miller says. After "standing around holding people's coats for years," as he puts it, CEE staff were ready to dig in.

University College will be aggressive in new product development and marketing, he says. Competition, as well as U2000, drives both.

Private and community colleges have in some cases preceded the University in offering new degrees in new ways. But internal pressures are generating competition as well.

Declining state resources and coming changes within the University—such as responsibility-centered management, which shifts overhead costs from central administration to the colleges—are forcing the colleges to find ways to generate income, Miller says. One obvious possibility is pitching their programs to external audiences. "I think the colleges are looking at our business; they'd like to take it over for themselves," he says.

Decentralizing too quickly creates problems, he cautions. When





**“We’re finding an awful lot of enthusiastic participation from our colleagues in community colleges and in the workplace. They really want this. They want the U to take leadership.”**

**DEAN HAROLD MILLER**

the University of Southern California dissolved its continuing ed unit, requiring part-time adult students to contact departments directly about classes and to be formally admitted to a college before they’re allowed to register, enrollment dropped off sharply. Losing a single, central contact for continuing education, Miller says, creates “a spotty, uneven arrangement that’s very confusing to the public at large. Somebody needs to cover that role.”

The success CEE/UC has already had in reaching adult and part-time learners will be at the service of all the colleges, Miller says. “We’re going to be helping people market their programs—identify the need for them, deliver them so they’re convenient for students—putting them in place by distance education and off-campus sites.

“If we work together, we can do more.”

## New Degrees

The name change signals a significant academic change for CEE. After years of facilitating courses for degrees awarded through other colleges, now, as University College, it offers its own degrees: bachelor of applied business, bachelor of information networking, and master of liberal studies.

"We continue to provide access for the part-time students for degrees that are already here," says Miller. "And we are developing new certificate and degree programs that address the needs of the workforce for the 21st century."

Plenty of working adults want not a degree program but a concentrated focus for a limited time on the details of their work. New certificate programs in solid waste management and child

abuse prevention studies meet this kind of need. UCLA has probably the best noncredit offerings in the country, Miller says, and some of its certificate programs might also fit here. Since Minnesota is the fourth-largest market in the United States for film and video production, one possibility is an entertainment certificate on all aspects of filmmaking.

In a 1993 alliance called the Twin Cities Higher Education Partnership, technical colleges, state universities, and the University agreed to collaborate to respond to higher education needs in the Twin Cities area. Two early partnerships, formed with University College, are the bachelor of applied business (B.A.B.) and the bachelor of information networking (B.I.N.) degree programs.

The business degree is a partnership with Inver Hills Community College, the networking degree with North Hennepin

## COMING OF AGE

Cathie Walker started with Toro right out of high school. Today, thirteen years later, she's in charge of product distribution to companies in South America and Central America, Asia, the Pacific Rim, and Canada. She's also the mother of two young children. When she started thinking about going back to school, her goals were clear: "I needed something real and concrete that I can take back to my job and really use," she says. She found what she was looking for in the new bachelor of applied business (B.A.B.) degree.

The degree is offered in partnership with Inver Hills Community College, which conducts the lower-division courses; University College faculty teach the upper-division courses. The first classes were offered in spring 1994, and the first degrees will be awarded in spring 1996.

This is a practitioner-oriented degree specifically designed for adult part-time students, says program director Phil Lundblad. From the outset it was designed to be different from the degree offered through the Carlson School of Management. "We want the courses to be *applied*," he stresses; they'll have just enough theory. "What we're striving for is a combination of University quality with utility."

Most B.A.B. students are in their early thirties, with at least two years of experience in the business world, Lundblad says. They might be making the transition from production to supervision or management on their jobs, or maybe now they are ready for college after finishing a vocational program or associate degree.

Faculty come from the University and elsewhere. "We look for people with a terminal degree, either Ph.D. or professional, and then two things, number one, teaching experience with adults, and, number two, real-world experience," Lundblad says. "They're decorated teachers, not just researchers"—and student reviews reflect strong satisfaction with them.

To make sure the program hit the target, businesses were surveyed about their needs, and business representatives sat on the curriculum advisory group. "They let us know in no uncertain terms what they wanted from it, and that really did make

its way into our curriculum," Lundblad says.

As a result, the professional skills core reads like a recipe for success in today's workforce: problem solving in complex organizations, small group behavior, communicating for results.

Cathie Walker recommends *Accessing and Using Information Effectively* as the first class to take in the program. "I had no idea! I can now log in and do research on LUMINA, from my office."

Business communication also had immediate benefit for her, Walker says, since every homework assignment for the class was based on a piece of actual writing from work. "My job is 100 percent communication. And it is 100 percent foreign communication," she says. "I noticed that I had gotten sloppy, taking for granted that [the customers] know English as well as I do."

Critique and suggestions from instructor Vicky Mickelonis-Paraskov showed her how to make each piece of communication more valuable, Walker says. For instance, though she now does business mostly by fax, Walker was still using abbreviations common to the telexes she used to send. She's dropped the spelling shortcuts, and she's dropped the habit of typing all in caps. Both make her writing easier to read, she says.

Dale Bending, another B.A.B. student, is the "computer doctor" for the Fortis Group, a Twin Cities insurance and investment company. One of his assignments in the business communication class grew into a software user manual for his company. His success at writing technical instructions that non-technical readers can follow landed him a promotion.

"I would hope that by getting a bachelor's degree I will have the possibility of getting promoted to manager," Walker says. "But it's not my goal," she adds firmly. "I'm doing this for myself."



DALE BENDING

# Save 20%

on these Minnesota favorites from the University of Minnesota Bookstores with your UMAA membership



A.



B.



C.



D.

Phone, Fax or Mail Your Order Today and Take Advantage of the U of M Bookstores Special Alumni Association Member Pricing.

A. "Goldy M" sweat in ash from Gear, 80% cotton, 20% polyester M-XXL reg. \$34.95 **Special UMAA Price \$27.95**

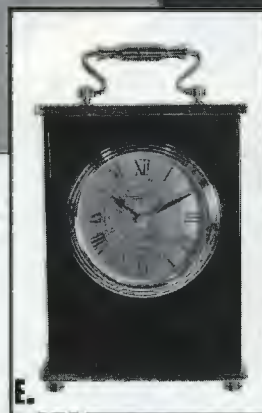
B. "Classic Minnesota" sweat from Champion. 90% cotton, 10% polyester reverse weave. Available in maroon & gold or ash & maroon. M-XL reg. \$39.95 **Special UMAA Price \$31.95** XXL reg. \$41.95 **Special UMAA Price \$33.55**

C. "University of Minnesota" embroidered t-shirt from Champion in 100% cotton. Available in white or maroon. M-XXL reg. \$16.95 **Special UMAA Price \$13.55**

D. "University of Minnesota Alumni" design sweatshirt from JanSport. 80% cotton, 20% polyester in maroon with embroidered design. M-XXL reg. \$39.95 **Special UMAA Price \$31.95**

E. "University of Minnesota Mantel Clock" in rosewood reg. \$159.95 **Special UMAA Price \$127.95**

F. "Regent Seal" gold pen and pencil set from Cross reg. \$90 **Special UMAA Price \$72** "Regent Seal" gold pen reg. \$45 **Special UMAA Price \$36**



E.

F.

The products and pricing in this offer are available through January 2, 1996.

**Ordered by** (please print)

Name \_\_\_\_\_  
 Address \_\_\_\_\_ Apt. # \_\_\_\_\_  
 City/State \_\_\_\_\_ Zip \_\_\_\_\_  
 Daytime phone \_\_\_\_\_ UMAA# \_\_\_\_\_

to ease any future questions about your order

**Our Guarantee of Quality**

The University of Minnesota Bookstores want you to be completely satisfied with your purchases. If, for any reason, you are not pleased with your selection, you may return the merchandise for an exchange or full refund.

**University of Minnesota Bookstores**

**East Bank Store**  
 231 Pillsbury Drive S.E.  
 Minneapolis, MN 55455  
 (612) 625-2035  
 (612) 624-4133 fax



Item	Quantity	Description	Color	Size	Price/Item	Alumni Price	Total Price

**Alumni Members:**  
 All current members of the University of Minnesota Alumni Association can take advantage of this special alumni pricing by writing your UMAA membership number in the space on the order form. It's never too late to join. Call the UMAA today at 1-800-862-5867 and start using the benefits of your membership.

**Method of payment**

Personal check, made payable to the University of Minnesota Bookstores  
 MasterCard, Visa, or Discover (circle one) Card Number \_\_\_\_\_ Expiration Date \_\_\_\_\_  
 Signature \_\_\_\_\_

Subtotal
7% Sales Tax (excluding clothing)
Shipping & handling
Total

Shipping & Handling	
\$25.00 to \$35.00	add \$5.00
\$35.01 to \$50.00	add \$6.00
Over \$50.00	add \$7.50

Community College. Both are practitioner-oriented degrees that combine course work in several disciplines. Set to debut in fall of 1996 is a bachelor's degree in construction management.

Although courses are taught at the community colleges (lower-division courses by community college faculty, upper-division work by faculty hired by University College), the degrees are awarded by the University of Minnesota. The students meet the same

requirements as their counterparts on the Twin Cities campus.

"We're finding an awful lot of enthusiastic participation from our colleagues in community colleges and in the workplace," Miller says. "They really want this. They want the U to take leadership."

Like the new undergraduate degrees offered through University College, the master of liberal studies degree is designed for working adults who will be part-time students. If you take one

## MASTER'S BY DESIGN

John Lynch works as a bartender at a suburban Chi Chi's restaurant. Gina Kittel teaches in the Minneapolis public schools. John Nelson is an environmental scientist for the city of Bloomington. What single program could possibly appeal to all three of them? The master of liberal studies.

"This is a design-your-own program," says program director David Shupe. "The University is the first Big Ten research university ever to do this." The degree can be completed in three years by taking one class a quarter and in the summer. The only constraint is that the program is interdisciplinary. Students are admitted with the areas of interest declared, "so they're validated on the front end," he says.

M.L.S. students range in age from 25 to 80. Sixty percent are women, 40 percent men. They've been in their work worlds an average of ten years. Students choose the M.L.S., which began during summer 1994, to enhance work they're doing or to prepare for an alternative career. "These are all people coming with a full head of steam," Shupe says, "people capable of offering as much as they take."

Of the eleven classes needed to earn the M.L.S. degree, only two are required, he explains: the first, Introduction to Liberal Studies, and the last, Final Project.

Gaining an appreciation for the topics, methods, and values of various disciplines is one part of the curriculum; applying, perhaps combining, those methods to produce your own scholarly contribution is the other. The term "final project" was deliberately chosen, he says, to allow for work from studio arts to experimental research. "There's no reason for us to be arbitrarily narrow. It may be a thesis, but it might not be."

Of the other nine courses, as many as six can be electives. Besides taking their pick from graduate-level courses in their areas of interest across the University, M.L.S. students also take the liberal arts seminars offered by University College.

"I call M.L.S. the Island of Misfit Toys," says bartender John Lynch with a laugh. The island is a place he remembers from a childhood video. All the broken and one-of-a-kind toys go there, he explains, and eventually so does Santa Claus, who also delivers them.

M.L.S. performs rescues, too. "If you want to do something that can't be done anywhere else on campus, the M.L.S. program says you can," Lynch declares. "That's positive."

When he started back to college after a stint in the army, Lynch attended Lakewood Community College. The teachers there were so good, he says, "that I thought I would return the favor." Now his dream is to teach at a community college. His M.L.S. program combines equal parts educational administration, religious studies (his undergraduate major at the University), and liberal arts seminars.

"The faculty themselves are the best things about the program," Lynch says. "They're all on the edge, in the vanguard."

A dead car kept him from heading west for graduate school as he had originally planned, but Lynch thinks he's ended up in a better spot with the M.L.S. program. "I'm really glad to be here," he says.

Environmental engineer John Nelson was admitted for fall quarter this year, but he couldn't wait to get started, so this summer he took a liberal arts seminar on cities taught by urban studies director Judith Martin. "I hear things on Tuesday, and I put 'em into practice Wednesday morning," Nelson says. "The readings have simply been magnificent. For a person who's been out of college for twenty years . . . the power of ideas and the freedom to express those ideas [is] extremely liberating."

Gina Kittel also got an early start this summer. She's been a special education teacher in grades K-12 for the past ten years. "I always knew I wanted a master's degree, but I knew I didn't want it in education," she says. Paradigms and Perspectives, a liberal arts seminar, was "perfect," Kittel says, "because it's what I'm trying to do, change my perspective on my current job. I've read three different books and I have been able to relate each of them to what I do."

Her M.L.S. plan involves courses in sociology and cultural studies and community issues—"the things that have an influence even before kids come into school."

All three mentioned the other students in their M.L.S. classes as a boon. People bring years of life experience, not to mention professional experience and training. "The net effect is a variety of viewpoints, all illuminating the topic," Nelson says. "It's invigorating."

His M.L.S. plan combines environment, ethics, communication, and leadership in a depth and scope he hopes will make him a better professional. "What we need to make government work effectively is a diverse approach . . . breaking down the walls and taking the very best of what [each one has to offer]. M.L.S. is the academic equivalent of that."

Staff also rate praise from these M.L.S. students. On a scale of one to ten, Nelson says, "they're off scale." He's been "just bowled over" by the commitment to students and the friendliness of the entire staff. "We are very accessible even before they start the program," says staff member Jo Lundblad. Once students are admitted, she adds, "We take care of all their registration for them."

"We give a lot of people a second chance," says David Shupe. "Students say, 'This one's for me.' They find an enthusiastic welcome in the M.L.S. program. "The whole world is out there to be rethought and reimagined," Shupe says, "if you've got the spirit to be a part of it."

# UNIVERSITY OF MINNESOTA

U  
N  
I  
V  
E  
R  
S  
I  
T  
Y  
  
T  
H  
E  
A  
T  
R  
E



**THE VISIT**

OCT. 27 - NOV. 5

**BLOODY POETRY**

NOV. 10 - 19

**TARTUFFE**

FEB. 2 - 17

**GHOSTS**

FEB. 16 - MAR. 2

**UNIVERSITY DANCE  
THEATRE**

APR. 11 - 14

**SHOWBOAT '96**

TBA

Our Pictures Tell Our Stories

9  
5  
--  
9  
6  
  
S  
E  
A  
S  
O  
N

Discover the Big Picture...For tickets, more information or a complete brochure call : 612.624.2345

evening course a quarter, including summer, you can do it in three years. It's the first of its kind in the Big Ten.

## New Methods

CEE historically has been the first place in the University to try new teaching methods, from correspondence courses through radio and television right up to computers. Today these options are called "distance learning," and the University continues to add new twists.

With interactive television, or ITV, students can be in a classroom on, say, the Morris campus and participate fully in a class that's being taught on the Twin Cities campus. The specially equipped classrooms are linked via compressed video (transmitted via phone lines), so that people can see and hear each other even though they're "attending" class in different places. It's possible to earn master's degrees in nursing and in social work through ITV courses, and individual classes in fields including languages, education, agriculture, and public health are also offered this way.

Independent Study is a less lonesome pursuit than it used to be, thanks to an option called group independent study (GIS), which combines the flexibility of correspondence courses with the benefits of classroom experience. Held simultaneously at two or more University campuses, GIS courses start on a specific date, last about six months, and include three to five in-person meetings. Social Work with Involuntary Clients, recognized in a national competition this year as the best new independent study course, was available this summer as a GIS course. In the coming school year, classes are planned in biology, English, and business management.

The old "dog ate my homework" excuse is going to be harder to swallow now that an increasing number of courses use electronic mail as an option for turning in assignments and receiving instructor feedback. In Independent Study alone, some 30 courses have E-mail lesson service. That's partly why Independent Study at Minnesota is one of only two sites chosen to participate in a U.S. Peace Corps program that enables Russian citizens to take courses from American universities. Courses with E-mail lesson service include several literature courses, along with courses in writing, philosophy, and politics.

And once you're on-line for homework, why not take the whole class on the Internet? Again, Independent Study leads the way here, with Internetting Skills for Biologists and Others, a course presented entirely by computer network. It includes readings (the "lectures"), "virtual classroom" meetings, and field trips that teach students how to use resources such as Gopher and World Wide Web, newsgroups, Internet Relay Chat, and other communications and research tools.

## New Plans in the Works

Is there anything left for University College to invent? Plenty, Miller says.

For starters, he'd like to see a "Lands' End approach" to registration. "We need to make it possible to do it all by phone—register, get course information, move the caller to an adviser or at least to the adviser's voice mail. Then we can make the sale," Miller says. "Give information that leads to commitment—conversions, they call them in business."

Contract learning is another possibility, he says: The University could design and deliver custom training for a particular business or industry. For adjunct faculty—the well-respected practi-

tioners who are called upon to teach in certain programs—he'd like to offer faculty development activities that will prepare them for teaching adults.

Building new partnerships inside and outside the University to create University College has been, Miller says, "probably the most exciting thing I've ever been involved in in my career."

"It gives us not only freedom but also responsibility—to align ourselves with the needs of the state, to compete in a global economy, to provide opportunities for a broader range of the population, to improve their skills, their perspectives on life. It's really kind of a missionary role.

"This [university] is a tremendous resource to this state. We can broaden its role, and that's really terrific." ■

### SOME NEARLY NEW CHANGES

Here are some changes that make taking an extension class easier than ever.

- You can attend information sessions throughout the year at places throughout the Twin Cities, including the Mall of America. Parking and child care are free. Some degree programs offer their own info sessions.
- You can register via fax or mail (as well as in person); in some degree programs, staff will register for you.
- You can register in person at three locations: Westbrook Hall on the Minneapolis campus (open till 8:00 p.m. Monday through Thursday plus one Saturday each quarter), MacPhail Center in Minneapolis (open till 6:00 p.m.), and Norwest Center in St. Paul (open till 5:00 p.m.).
- You can use VISA, MasterCard, or Discover to pay tuition and fees.
- You can use a credit card to order books by phone and have them sent to you.
- You get a free E-mail account for any term you are actively enrolled in a credit course.
- You get a full refund if you cancel during the first week of classes.
- You get a 10 percent discount on a Compleat/Practical Scholar winter or spring quarter class if you take a fall quarter C/PS class.

### THERE MUST BE A CLASS I COULD TAKE

You aren't the only one who's wondered how to shoehorn homework into your already busy days. There's even a class you can take on that. It's *Surviving as a Student: Managing the Multiple Priorities of Your Life*. The class, Psychology 0615, meets for just two sessions and is offered fall, winter, and spring. At under \$35, it'll set you back less than a nice dinner or movies and a sitter.

### GET ON-LINE WITH CEE/UC

Fire up that fax modem, and try these:

Independent Study course bulletin:

<http://www.cee.umn.edu/disgopher://mail.cee.umn.edu:7011/dis>

Information about degrees and certificates via Internet:  
[CEE.Adv@mail.cee.umn.edu](mailto:CEE.Adv@mail.cee.umn.edu)

NEW

# U of M ALUMNI ASSOCIATION MEMBER TRAVEL BENEFITS

## From Alumni Hotels and Avis

As a member of the University of Minnesota Alumni Association (UMAA), you are now entitled to enjoy special UMAA alumni rates and other amenities at hundreds of hotels and resorts, as well as when renting Avis cars, worldwide.

### BENEFITS

- Special U of M Alumni Association hotel and Avis rates.
- Room upgrades at check-in, whenever available.
- Hotel "alumni guest" amenities.
- Avis alumni discount coupons.

**PLUS: You are making a difference—** Each time you stay in a participating hotel or rent from Avis, a portion of the cost will be sent to the UMAA to help support student programs.

To receive these member benefits, reservations must be made by calling: **1-800-6-ALUMNI**. When reserving a car, give the UMAA's AWD (Avis Worldwide Discount) number: **B401516**. For further information and a color brochure or if you are not a member, call UMAA: **612-624-2323** or **800-UM-ALUMS**.



Photos: Top: The Manele Bay Hotel, Lanai, Hawaii.  
Bottom: Avis features GM cars.

### Participating Hotels

- **Choice Hotels International, Inc.:** Clarion Inns, Hotels, Suites and Resorts. Quality Inns, Suites and Hotels. Comfort Inns and Suites. Sleep Inns.
- **Inter-Continental Hotels:** Chicago; Los Angeles; Maui; Miami; New Orleans; New York, NY; Mark Hopkins, San Francisco; Willard, Washington, DC **Canada** Montreal; Toronto; **Mexico** Presidente Inter-Continental Cancun; Presidente Inter-Continental Cozumel.
- **Nikko Hotels:** Atlanta; Beverly Hills; Chicago; San Francisco; Ilikai, Waikiki; London: The Montcalm.
- **Other Specially Selected Hotels and Resorts:** The Adolphus Hotel, Dallas; The American Club, Kohler, WI; Buena Vista Palace, Walt Disney World; The Colonnade, Boston; Grand Bay, Coconut Grove, FL; Harbor Court, Baltimore; La Costa Resort & Spa, Carlsbad, CA; Lodge at Koele, Lanai, HI; Hotel Luxeford Suites, Minneapolis; Manele Bay Hotel, Lanai, HI; The Michelangelo, NYC; Omni Charlottesville, VA; Palm Beach Hilton; PGA National Resort & Spa, Palm Beach Gardens; Parc 55, San Francisco; Radisson Empire, NYC; St. Anthony, San Antonio; Song of the Sea, Sanibel Island, FL; South Seas Plantation Resort & Yatch Harbour, Captiva Island, FL; Sundial Beach Resort, Sanibel Island, FL; Swisshotel Chicago; Hotel Washington, Washington, DC; The Westgate, San Diego.

Plus other fine hotels worldwide.



Alumni  
Hotels  
Inc.



UNIVERSITY OF MINNESOTA  
ALUMNI ASSOCIATION

**AVIS**

Travel arrangements provided by Preferred Holidays, a subsidiary of Avis Rent A Car Systems, Inc.

# CAMPUS • DIGEST

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

By Teresa Scalzo and Sara Hauber

## ► GOPHER FACT FILE: Duluth Campus Turns 100

**Elementary:** In 1895 the Minnesota Legislature authorized the formation in Duluth of a two-year college for elementary-school teachers, and in September 1902 the Duluth Normal School held its first classes.

**Secondary:** The school was renamed the Duluth State Teachers College in 1921 and awarded its first baccalaureate college degrees six years later. Before then, students had earned teaching diplomas, not bachelor's degrees. Women made up the majority of students until the Great Depression, which led to a dramatic increase in the number of male students. With men a major presence on campus, athletics became more popular and the Bulldogs mascot was adopted in the 1930s.

**Postsecondary:** In 1947 the Teachers College became the University of Minnesota, Duluth (UMD), the first "coordinate" campus in the University system. President John F. Kennedy visited the campus in 1963, and Dizzy Gillespie held a jazz workshop at the newly dedicated Marshall Performing Arts Center in 1974.

**Report Card:** UMD currently offers eleven bachelor's degrees in 80 majors, five master's degrees in seventeen majors, and the first two years of medical school training.



- Current enrollment is 7,500 students.
- One-third of the students come from northeastern Minnesota and another third from the Twin Cities.
- Fifty campus buildings cover more than 2.6 million square feet of floor space; campus grounds cover 244 acres.
- The UMD Bulldogs compete in eight men's and six women's varsity sports.
- UMD has more than 26,000 alumni; 19,000 live in Minnesota and 1,200 live in Wisconsin.

- President Bill Clinton visited the campus in fall 1994.
- Kathryn Martin was named the first female UMD chancellor in 1995; she replaced Lawrence Ianni in August.
- UMD history professor Neil Storch is compiling the campus's history for a book he expects to have published in 1996. The book will feature about 300 photographs taken by Ken Moran, who has been the campus's staff photographer since 1958.
- Dawn Wells, best known for her role as Mary Ann on TV's *Gilligan's Island*, was the celebrity guest at UMD's 100th birthday celebration in March.

For information on upcoming anniversary events, call UMD's University Relations office at 218-726-7110.

## ► A UNIVERSITY OF MINNESOTA WOMEN'S INTERCOLLEGIATE ATHLETICS TIMELINE



**1900**

University women's basketball team defeats Stanley Hall 12-6 in first recorded women's game against outside competition.

**1915**

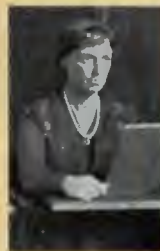
Women's Gymnasium is built on campus.

**1920**

Women are eligible to receive a letter "M."

**1941**

Women's Gymnasium is renamed Norris Gymnasium to honor former department head and benefactor J. Anna Norris.



**1971**

The University officially recognizes women's sports as intercollegiate competition and provides them a \$5,000 budget.

**1974**

Swimmer Terry Ganley becomes Minnesota's first female all-American.

**1975**

Department of Women's Intercollegiate Athletics is officially formed.

**1977**

Diver Chris Curry is the first woman to receive a scholarship based on athletic skill.

**1981**

Women's athletic program affiliates with the Big Ten conference.





**D**ressed in a Paul Bunyan–red plaid top and matching deerstalker cap, Hazel Stoeckeler greets her visitors warmly. She is conducting a tour of the large mural she painted 50 years ago on a wall in the lower level of Green Hall, home to the University’s forestry school.

The mural, which depicts the rise and fall of the timber industry in Minnesota, almost didn’t survive to celebrate its golden anniversary. In 1988 University administrators planned to have it painted over during a renovation of Green Hall. A *Star Tribune* article about the mural’s fate caused an outcry from alumni and faculty. College officials reworked the renovation plans to save the mural and in 1990 arranged to have it restored.

In 1941 Stoeckeler was Hazel Stoick, an art instructor at the University and a graduate student in search of a wall on which to execute her master’s degree project: a painting inspired by popular Mexican muralists of the time. After forestry school officials offered her a large wall in the then new Green Hall, she spent several months in northern Minnesota researching the state’s forest industry.

After her preliminary sketches were approved in 1943, Stoeckeler spent two years painting the mural, working in her free time on evenings and weekends. She chose egg tempera, one of the oldest classical painting techniques, which involves mixing egg yolks with water and dry pigment.

The colorful, dramatic mural is 10 feet high and 45 feet wide. The first of its five sections denotes the Chippewa. Next is Paul Bunyan and his gigantic blue ox, Babe, followed by the huge sawmills built along Minnesota’s waterways. Then the towns and cities emerge; railroad baron James J. Hill’s famous Stone



Hazel Stoeckeler

Arch Bridge represents the role transportation played in building lumber fortunes. The fourth section pictures the devastation wreaked by clear-cutting forests, including the 1894 Hinckley fire. Last is a portrait of Christopher Columbus Andrews, a Minnesotan who worked to form the U.S. Forest Service, to preserve the Chippewa and Superior National Forests, and to establish a forestry school at the University.

Stoeckeler often used students and faculty as models. Forestry professor Randolph Brown posed with his hand grasping a wastebasket while Stoeckeler painted a lumber baron clutching greedily at a tree trunk.

While she was working on the mural, Stoeckeler met her husband, Joe. A forestry graduate student, he started chatting with her one day while she was painting. “He asked me if I was familiar with the work of Mexican muralist José Clementé Orozco,” recalls Stoeckeler. “If he had said [the more popular Diego] Rivera, I wouldn’t have bothered to turn around.”

A professor in the University’s Department of Design, Housing, and Apparel from 1961 to 1981, Stoeckeler jumped in with characteristic enthusiasm when someone from the College of Natural Resources called to ask how she wanted to celebrate the mural’s 50th anniversary. First she wrote and published a booklet that explains each section of the mural and describes the process she used to paint it. Then she arranged for a campus gallery to exhibit the preliminary sketches she made more than 50 years ago.

The exhibit runs from September 21 through October 14 at the Paul Whitney Larson Gallery in the St. Paul Student Center. Call David Sailer at 612-625-8266 for more information.

**1982**

Minnesota women begin competing in the National Collegiate Athletic Association (NCAA).

**1984**

WCCO-TV produces the first live television coverage of a Minnesota women’s athletic event — against Michigan in basketball.

**1985**

Women’s athletics are fully funded by the Minnesota Legislature with a \$2 million allotment.

**1986**

Softball team wins the department’s first official women’s Big Ten title.



**1988-89**

Softball, gymnastics, and golf win Big Ten championships; softball qualifies for NCAA tournament.

**1989**

Department hosts the NCAA Division I women’s volleyball championships and sets a new NCAA two-day attendance record.



**1990**

Department hosts the NCAA Division I women’s gymnastics championships Central Regional meet and sets an NCAA attendance record.



**1991**

Softball wins the Big Ten title and advances to the NCAA tournament.

**1992**

Department hosts the NCAA women’s gymnastics championships; gymnast Marie Roethlisberger is named Minnesota Big Ten Athlete of the Decade.

**1993**

Department hosts the NCAA Division I women’s swimming and diving championships.

**1994**

Sports Pavilion opens to house women’s basketball, gymnastics, and volleyball; soccer is added as tenth women’s intercollegiate sport.



**1995**

Department hosts the NCAA women’s basketball Final Four.

**O**n January 11, 1895, seven Midwestern university presidents met in Chicago to discuss intercollegiate athletics. Under the leadership of President James H. Smart of Purdue, the men established the Intercollegiate Conference of Faculty Representatives, known now as the Big Ten.

**Who Can Play**

In addition to Purdue, the institutions represented were the University of Chicago, University of Illinois, University of Michigan, University of Minnesota, Northwestern University, and University of Wisconsin. Indiana University and the State University of Iowa were admitted in 1899. Ohio State joined in 1912. Chicago withdrew in 1946 and Michigan State College (now Michigan State University) was added in 1949. The Council of Ten (the Big Ten university presidents) voted in 1989 to invite Pennsylvania

State University to join the conference.

**Action Play**

The original seven presidents' first known action "restricted eligibility for athletics to bonafide, full-time students who were not delinquent in their studies."

Twenty years after this initial rule, the Big Ten faculty approved novel legislation that required athletes to meet entrance requirements in order to compete, banned freshmen and graduate students from competition, and stipulated that coaches were to be appointed at "modest salaries."

**Fair Play**

Most of the Big Ten schools are state-owned, land-grant universities, and their affordability continues to

attract students and student-athletes from around the country. Historically, many African American students from the South enrolled in Big Ten schools after being turned



away from Southern schools because of racial bias. The first black athlete to compete in the Big Ten was Moses Walker, who played baseball on the University of Michigan's 1899 championship team.

**All Can Play**

In 1981 the Big Ten first allowed universities to incorporate women's athletics into the conference. Today, the Big Ten universities sponsor 24 championships, 12 of them for women's sports. Over the past year, the conference has led the nation in attendance in the four major sports for

which national attendance is tallied: football, men's and women's basketball, and women's volleyball.

**Big Play**

Big Ten universities currently boast a combined enrollment of more than 400,000 students. Almost 3 million of their alumni reside in the United States; the Big Ten has more living alumni than any other college conference.

**Time to Play**

Numerous events are being held in Chicago this year to celebrate the centennial of the Big Ten—the oldest intercollegiate conference of major academic and research institutions in the nation. Minnesota's Garrison Keillor, '67, gave the keynote address at the kickoff in August. The University of Minnesota will host its own campus celebration this fall. Call Laurie Scheich at 612-624-0542 for more information.

► THEN AND NOW: The Crookston Campus

**T**hen: One hundred years ago, the Minnesota Legislature appropriated \$30,000 to construct two experimental farms for research—one each in Morris and Crookston. James J. Hill, owner of the Great Northern Railroad, donated more than 460 acres for the Northwest Experiment Station in Crookston, still part of the campus today. In 1896 the legislature appropriated \$15,000 to establish the Northwest School of Agriculture, a residential high school that provided training in the technical and practical business of agriculture and instruction in the art of homemaking. The school term began in October and ended in March to accommodate students from area farms.



The Crookston Campus

In 1965 legislators recognized the need for a college-level technical educational institution in the area. The University of Minnesota Technical Institute was launched at Crookston in 1966 with divisions in agriculture, business, and general studies. Its first class graduated in 1968, and a year later the campus was officially designated a "coordinate" of the University of Minnesota system and renamed the University of Minnesota Techni-

cal College. The Board of Regents changed the campus's name again—to the University of Minnesota, Crookston—in 1988.

**Now:** The campus offered three separate fields of instruction in 1991: agriculture, arts and sciences, and business. After it was accredited by the North Central Association as a baccalaureate-degree-granting institution in 1993, the University added eight baccalaureate programs, including

three that support new polytechnic concepts: agricultural management, management, and technical studies.

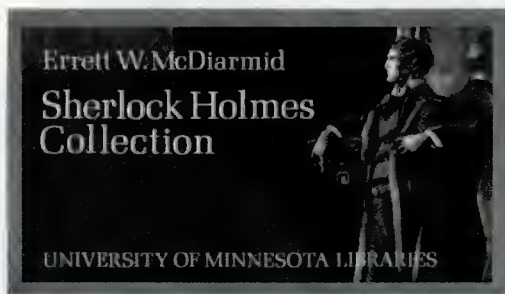
The Crookston campus awarded its first bachelor of science degrees at commencement ceremonies in spring 1994. Two additional bachelor of science degree programs have been added since then—in early childhood program management and health management. Crookston has adopted an aggressive approach to technology: In 1993 it was one of the first campuses in the country to provide all full-time students (about 850) with laptop computers. Students also have 24-hour access to the Internet and Gopher computer information systems and to electronic mail.

# HONOR WITH BOOKS

Bookplates are a time-honored way of marking the ownership of books. Since the fifteenth century, people have placed small, personalized markers inside the front covers of their books. The earliest bookplates were the owners' coats of arms. As books became more widely available, bookplates began to portray any subject that appealed to the owner.

At the University of Minnesota Library, bookplates are used to recognize donors who support the Library, who

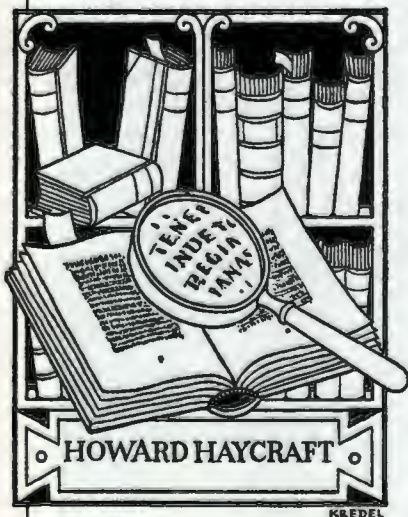
may want to honor a special person, or wish to commemorate an event in their lives. In this way, the generosity of such friends and alumni of the U of M can be inspiring and will be remembered by future readers.



A gift of \$100 to the Honor with Books program will plate one book in honor of a friend, spouse, relative, graduating student or favorite teacher; 10 books will be plated for a \$1,000 gift, and \$10,000 establishes a named endowment. Your gift will be acknowledged to the honored party with a letter and a copy of the bookplate.

As a token of our appreciation for your gift, you will also receive a complimentary membership in the Friends of the Library.

FIFTEEN  
SQUARE  
INCHES OF  
IMMORTALITY



Your gift will enable the Library to strengthen its collections at the same time it commemorates the named person or persons.



For more information, please contact the University Library Development Office, 499 Wilson Library, Minneapolis, MN 55455, 612-624-8207.

UNIVERSITY OF MINNESOTA



University of Minnesota  
Libraries

We asked students on the Twin Cities campus who their favorite teacher is.



**Janet Kevek, 19, freshman majoring in chemical engineering. Hometown: Kenosha, Wisconsin**  
Professor [David] Frank can make calculus very interesting and fun. You enjoy going to class and he makes sure you understand everything well in class.



**Jess Nordby, 23, senior majoring in chemical engineering. Hometown: Princeton, Minnesota**  
Professor [Edward] Cussler in chemical engineering. He tells jokes and stops in the middle of lectures to tell stories about the guys who made up the chemical formulas we're studying. He tells us his favorite theories. One is that students' attention drops quickly as lectures go on, and the other is that there is a learning curve—he says you can learn too much. He's very personable and talks to his students.

**Joel Albers, 35, graduate student in pharmacy. Hometown: Cleveland**  
Professor Peter Morley in social and administrative pharmacy. The cool thing about him is he gets people to think. You actually get an education from him, not just



schooling. He's not like Joe Friday—just the facts. He goes into the social and historical context of what we're studying.



**Yorie Igarashi, 28, freshman majoring in psychology. Hometown: Osaka, Japan**  
Professor [David] Weiss in psychology. I had him for my first psychology lecture at the University. He gave interesting lectures and his explanations were very clear. I was very impressed. I came here to study psychology and he made me feel it was the right thing to do.



**John Thomas, 19, sophomore majoring in African American studies and speech communication. Hometown: Minneapolis**  
Gail Thoen in General College. She taught classes on Sex and Gender Roles and People

and Problems. She's honest, and she respects and cares about students. She's fair and she gives you a chance. She's easy to talk to one on one. She goes beyond the text and relates it to real life. And she lets the class get really involved in discussion.



**John Dwyer, 21, junior majoring in architecture. Hometown: Faribault, Minnesota**  
Professor Dennis Grebner in architecture. He'd always critique your drawings. He pushed you harder so you always did your best. He was very tough on those who weren't trying as hard as they could be. He was also very casual and easy to talk to.



**Gautam Khara, 25, graduate student in physics. Hometown: St. Paul**  
Professor Ben Bayman in the physics department. He had an open-door policy; he was always available to students. You felt comfortable talking to him while still being in awe of him. His notes were very complete and really got to the essence of things. You rarely needed the text to understand.



**Erika Hansing, 20, sophomore in foundations of education. Hometown: Edina, Minnesota**  
I had Cheryl Ting as a teaching assistant in freshman composition. She's a graduate student in cultural studies and comparative literature, and she has a lot of enthusiasm. She got students really involved in and excited about writing. She didn't just lecture to us. She was willing to talk and to help out. She even encouraged us to stay in contact with her after class ended.

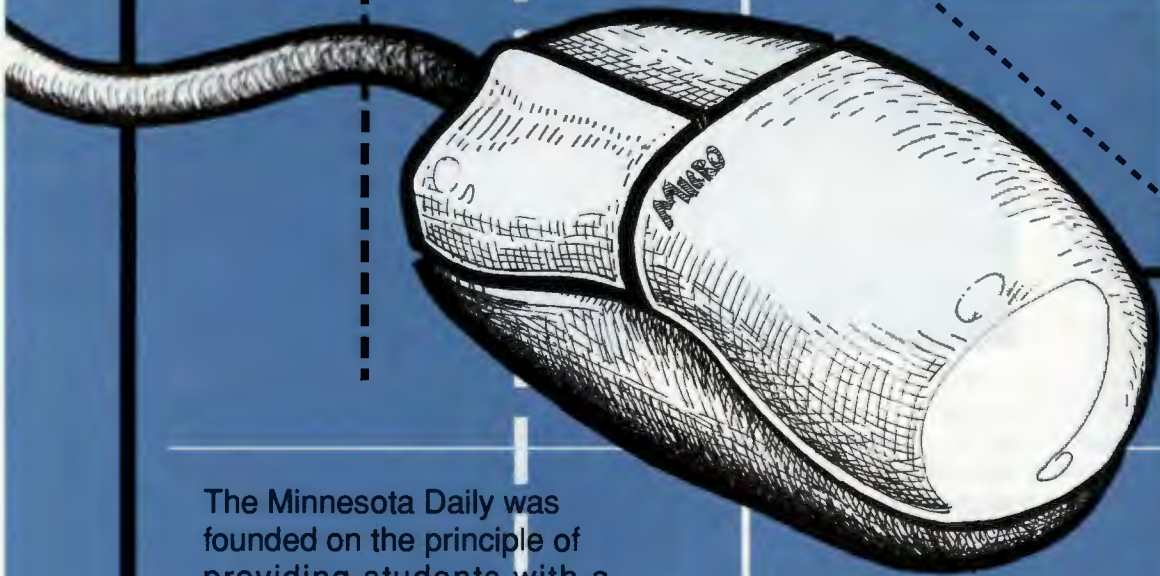


**Elizabeth Kwo, 19, sophomore majoring in architecture. Hometown: Woodbury, Minnesota**  
Professor Paul Damon in architecture. I had him for The Designed Environment and we took field trips every week. We went to the Uptown area, the state Capitol, and other neighborhoods. He was very laid back and funny, and quite sarcastic. He is young, so it helped him relate to students. It was the best class I have taken here.

The

future's  
at

hand.



The Minnesota Daily was founded on the principle of providing students with a newspaper that understands their tomorrow. In response to the changing times, we have made it a priority to keep the Daily in a constant state of growth.

With the Internet becoming the fastest growing media in history, it only seems appropriate that the Daily's voice be heard through the power of this dynamic technology. Coming this fall, people will be able to access The Minnesota Daily Online. It's a new way to read the nation's most honored college newspaper. Because the Internet and the Daily share one common denominator: the future.

**THE**  
**MINNESOTA DAILY**

University president **Nils Hasselmo** accepted a two-year contract offered by the Board of Regents in July, and announced that he will end his service as president on June 30, 1997, the end of the contract period. "I believe that over the next two years, I will be able to complete the agenda I first began in 1989," he said.

Clarifying and communicating the aspirations of the University 2000 plan and the strategies needed to accomplish its objectives will be first on his agenda, Hasselmo said. Other goals include identifying two dozen to three dozen academic programs that will be "our distinctive profile for the future" and making the case for "public investment in this and other fine research universities."

The regents unanimously elected **Tom Reagan** as chair for 1995-97 and **Bryan Neel** as vice chair.

**Joanne Bubolz Eicher** from the Department of Design, Housing, and Apparel was named a Regents' Professor. She is a leading expert on African textiles and on socio-cultural aspects of dress.

The regents approved the administration's proposed **1995-96 budget** in June. The budget includes a tuition revenue increase of 7.5 percent and an added \$4.6 million in financial aid for needy students.

On August 1 **Kathryn Martin** officially assumed her duties as chancellor of the University of Minnesota, Duluth. She was previously dean of the College of Fine and Applied Arts at the University of Illinois.

The regents voted unanimously in August to promote **Mark Dienhart** to men's athletic director on the Twin Cities



campus. He had been senior associate men's athletic director. Dienhart said a key goal will be to make football a winning program.

President Hasselmo announced in June that **Chris Voelz** will remain as women's athletic director, following intensive media speculation that the University was trying to buy out her contract. "I must defend her employment at the University and her right to be treated with fairness and dignity," he said.

Four high-achieving students of color have been named **1995 Puckett Scholars** and were honored before the Twins game against the Chicago White Sox in June. The program, in its second year, was launched with a \$250,000 donation from Minnesota Twins outfielder Kirby

Puckett and his wife, Tonya. The 1995 scholars are Leticia Fuentes and Yadira Garcias, both Mexican Americans from St. Paul's Humboldt High School; John Ray, an African American from Oakdale's Tartan High School; and **A-ya Thao**, a Hmong American from St. Paul's Como Park High School.

Hennepin County district judge Myron Greenberg ruled in July that the University must make public most of its records about the use of **animals in research**, including forms detailing how animals will be treated in each experiment and the uncensored agendas and meeting notices of the Animal Care Committee.

A federal grand jury in Minneapolis amended its previous indictment of **John Najarian**

in July to contain new charges of obstruction of justice for allegedly destroying certain materials under federal investigation or subpoenaed by the grand jury. "Obstruction of justice is a serious offense, as are the original charges against Dr. Najarian," said U.S. attorney David Lillehaug.

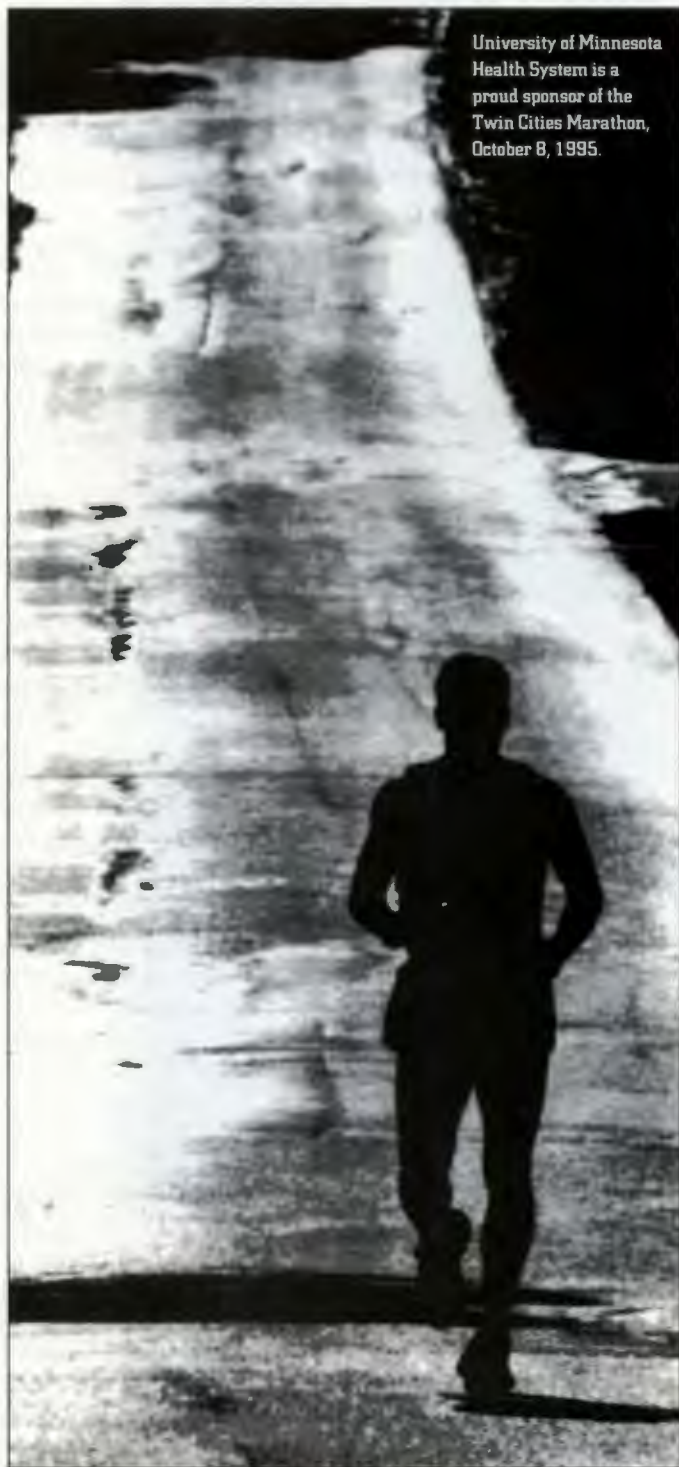
**Gregory Hart**, president of the University of Minnesota Health System, has resigned to join Larson, Allen, Weishair and Company, a Minneapolis-based consulting and accounting firm, where he will work to expand the firm's national health care practice consulting base.

**Jessica Bailey**, senior consultant for the American Association of State Colleges and Universities in Washington, D.C., has been named assistant vice president for academic affairs with special responsibility for diversity.

The regents will be asked in September to approve a resolution to convert from quarters to **semesters** by 1999. Fall semester dates are still unresolved. Because of traffic and parking problems associated with the Minnesota State Fair, fall classes cannot start before Labor Day and end in early December as they do at some schools.

The regents voted to rename the renovated Shops Building on the Twin Cities campus the **Donhowe Building** in honor of Gordon "Gus" Donhowe, who was senior vice president for finance and operations at the time of his death in January 1991. ■

# Introducing the university institute dedicated to the science of sport.



University of Minnesota  
Health System is a  
proud sponsor of the  
Twin Cities Marathon,  
October 8, 1995.

## University Sports Medicine INSTITUTE

**T**his is where diagnostic and treatment techniques for sports injuries are researched and advanced. It's where sports training and rehabilitation methods are studied and improved. The University Sports Medicine Institute is where a team of over 40 top sports medicine specialists from the University of Minnesota provide world-class care to athletes throughout the state.

Now, in one centrally located facility, you can have access to the latest information, technologies and therapies from experienced doctors and other sports medicine professionals who not only know medicine, but also know the athletes and their sports.



*Our experienced team of specialists provides the latest in diagnostic, treatment and rehabilitative techniques.*

Whether you're a weekend warrior or a world-ranked athlete, the University Sports Medicine Institute has what you need to help you get back in the game and perform at your peak.

We're located at 2221 University Avenue SE, Suite 450, in Minneapolis. Our hours are from 8 a.m. to 4:30 p.m., Monday through Friday. Plenty of convenient parking is available.

To make an appointment with a sports medicine doctor, or to learn more about the programs and services we offer, call 612/626-9400 or 800/688-5252, ext. 6-9400. To schedule an appointment for therapy, call 612/624-1300 or 800/688-5252, ext. 4-1300.



UNIVERSITY OF MINNESOTA  
HEALTH SYSTEM

*Taking Care of Minnesota.™*

# We'll make you a hero.



Our integrated printing services save the day. 612.645.6311

## BOLGER

PUBLICATIONS / CREATIVE PRINTING

3301 COMO AVE SE MINNEAPOLIS, MN 55414-2809



1995-96 UofM

# Fall Calendar

Throughout the year, the University of Minnesota hosts a variety of events in dance, theater, sports, and music. Use our calendar as a reference to what's happening on the Twin Cities campus. We've also included a list of phone numbers to call and the best places to park.

## NUMBERS TO CALL

University General Information  
612-625-5000

Admissions Office  
612-625-2008

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

Athletics Ticket Office  
612-624-8080

Men's Athletics  
Information, 612-625-4838

Women's Athletics  
Information, 612-624-9396

James Ford Bell Museum of Natural History  
612-624-7083

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

Earle Brown Continuing Education Center  
612-624-3275

Coffman Memorial Union  
612-625-4177

Continuing Education and Extension  
612-624-2517

Continuing Medical Education  
612-626-5525

University of Minnesota Foundation  
612-624-3333

Gabbert Raptor Center  
612-624-4745

Goldstein Gallery  
McNeal Hall  
612-624-9700

Graduate School  
Prospective student information  
612-625-3014

Hubert H. Humphrey Institute  
of Public Affairs  
612-625-9505

Department of Independent Study  
612-624-0000

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

Minnesota Book Center  
Williamson Hall  
612-625-6000

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

Northrop Memorial Auditorium  
612-624-2345 (ticket office)

Rarig Center  
612-625-4001

St. Paul Campus Library  
612-624-2233

Harold D. Smith Bookstore  
Blegen Hall  
612-625-3000

University Relations  
612-624-6868

Walter Library  
612-624-3366

Frederick R. Weisman Art Museum  
612-625-9494

West Bank Union  
612-624-5200

O. Meredith Wilson Library  
612-624-3321

## 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 University of Minnesota Golf Course**  
Golf, cross-country  
Fulham Street and Larpenteur 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 SE  
Minneapolis campus  
612-625-5804

**Williams Arena**  
Basketball, gymnastics, volleyball  
1925 University Avenue SE  
Minneapolis campus  
612-625-5804

**Women's Sports Pavilion**  
Basketball, gymnastics  
1925 University Avenue SE  
Minneapolis campus  
612-625-5804

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

## WHERE TO PARK ON THE MINNEAPOLIS CAMPUS

### PUBLIC PARKING

**Art Museum Garage**  
353 East River Road

**Church Street Garage**  
80 Church Street SE

**East River Road Ramp**  
355 East 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

**Washington Avenue Ramp**  
511 Washington Avenue SE

**West Bank Ramp**  
400 21st Avenue S

### 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



## TWIN CITIES CAMPUS 1995-96 ACADEMIC CALENDAR

**Fall Quarter**, September 21-December 9

**Winter Quarter**, January 2-March 16

**Spring Quarter**, March 25-June 8

**Summer Session I**, June 11-July 16

**Summer Session II**, July 18-August 21

## SPECIAL EVENTS

**Fifth Annual Robert J. Gorlin Conference on Dysmorphology**  
October 22-23, "Bone and Dysplasias."  
For more information, contact Carol Church at 612-624-6131.



Jane Goodall

**Jane Goodall Lecture**  
November 15 at 1:30 p.m. and November 16 at 7:30 p.m., Northrop Auditorium. World-renowned biologist Jane Goodall, who is in the Twin Cities to establish the University of Minnesota's Jane Goodall Center for Primate Studies, will share her experiences studying

the behavior of chimpanzees in Tanzania for 35 years in easy to understand language of interest to children and adults. For more information or to order tickets, call 612-624-2345.

**Women's Athletic Department 20th Anniversary Celebration**  
November 17, Sports Pavilion. Call 612-624-8000 for more information.

**The Presidents Club**  
Members will gather December 6 from 6:00 to 8:00 p.m. at the Weisman Art Museum. President and Mrs. Hasselmo will be visiting alumni and donors in Palm Springs, California, February 16-18; Florida (Tampa, Naples, east coast) March 1-4; and Arizona (Tucson, Phoenix) March 27-29. Watch your mail for more details or call Nancy Vitoff at 612-626-8533 or 800-775-2187 to receive more information.

**College of Biological Sciences 30th Anniversary Celebration**  
April 13-14, Earle Brown Center first day, St. Paul Student Center North Star Ballroom second day. Symposium, honorary degrees, alumni-faculty-staff recognition, banquet, and more. Call 612-624-2244 for more information.

## DANCE

**Brown Bag Lunch with Cowles Chair Guest Artist Doug Varone**  
September 27, noon to 1:00 p.m., 4 Norris Hall.

**Ballet West "Nutcracker"**  
November 29, 7:30 p.m.; December 1, 8:00 p.m.; December 2, 1:30 and 8:00 p.m.; December 3, 1:30 p.m. Northrop Auditorium. The Salt Lake City-based company that presented the first American *Nutcracker* 40 years ago introduces its yuletide confection to Minnesota.



The Nutcracker, a traditional holiday treat

# Fabulous Footwork From All Over The World

Special \$2  
discount for  
U of M Alumni  
Association  
Members



## Entertaining at Northrop Auditorium 1995-96

**Batsheva Dance Company**  
Sat., September 23 - 8 p.m.  
*Israel's modern dance pillar*  
\$21.50, \$16.50, \$11  
Co-presented by Walker Art Center

**San Francisco Ballet**  
Fri., Sat., October 27, 28 - 8 p.m.  
*Elegant classical ballet*  
\$35, \$28, \$20

**Paul Taylor Dance Company**  
Fri., January 19 - 8 p.m.  
*Lyrical modernism*  
\$21.50, \$16.50, \$11

**Cuban National Folkloric  
Dance Ensemble**  
Sat., February 3 - 8 p.m.  
*Rare entertainment from Havana*  
\$21.50, \$16.50, \$11

**Urban Bush Women**  
Sat., February 17 - 8 p.m.  
*Unique dance theater*  
\$21.50, \$16.50, \$11  
Co-presented by Walker Art Center

**Brazil's Balé Folclórico  
da Bahia**  
Fri., March 22 - 8 p.m.  
*A wealth of colorful  
Brazilian culture*  
\$21.50, \$16.50, \$11

**Rhythm in Shoes**  
Sat., April 13 - 8 p.m.  
*A potpourri of percussive dance*  
\$21.50, \$16.50, \$11

**Feld Ballets/NY**  
Fri., Sat., May 3, 4 - 8 p.m.  
*Refreshingly original ballet*  
\$30, \$26, \$18

**The Joffrey Ballet**  
Dates to be announced  
*40th-anniversary celebration*  
\$35, \$28, \$20

★ **The Nutcracker**  
November 29 - December 3  
*Featuring Utah's Ballet West*  
\$34.50, \$27.50, \$19.50  
(Children 12 or under \$3 discount)

Call for tickets: **645-2345**



Urban Bush Women blend dance, music, and vocals

**Cowles Showing Featuring Choreography  
by Doug Varone**

October 20, 3:30 p.m., 153 Norris Hall.

**San Francisco Ballet**

October 27-28, 8:00 p.m., Northrop Auditorium. The West Coast company heralded as "equal to the best in America, Europe, or Russia" returns with two programs of current repertoire selections. The 65 dancers are accompanied by a full orchestra.



San Francisco Ballet

**Brown Bag Lunch with Cowles Chair Guest Artist  
Douglas Nielsen**

November 8, noon to 1:00 p.m.,  
4 Norris Hall.

**Cowles Showing Featuring Choreography  
by Douglas Nielsen**

December 1, 3:30 p.m., 153 Norris Hall.

**Brown Bag Lunch with Cowles Chair Guest Artist  
Ralph Lemon**

January 10, noon to 1:00 p.m.,  
4 Norris Hall.

**Paul Taylor Dance Company**

January 19, 8:00 p.m., Northrop Auditorium. Exquisite dance rippling with wit, athleticism, and intelligence. A good look at the company's new talent and new dance.

**Cowles Showing Featuring Choreography by  
Ralph Lemon**

February 2, 3:30 p.m., 153 Norris Hall.

**Cuban National Folkloric Dance Ensemble**

February 3, 8:00 p.m., Northrop Auditorium. Congas, bongos, bata drums, marimbas, and guitars stir up hot rhythms that propel 36 vividly costumed dancers in this rare U.S. appearance by a Cuban performing troupe.

**Urban Bush Women**

February 17, 8:00 p.m., Northrop Auditorium. Dance theater with a unique synthesis of movement, live music, and a cappella vocalizations. This engagement offers a new evening-length work, *Bones and Ash*. Presented with Walker Art Center.

**Brown Bag Lunch with Cowles Chair Guest Artist  
Ron Brown**

February 21, noon to 1:00 p.m., 4 Norris Hall.

**Cowles Showing Featuring Choreography by Ron  
Brown**

February 28, 3:30 p.m., 153 Norris Hall.

**Balé Folclórico da Bahia**

March 22, 8:00 p.m., Northrop Auditorium. From the northern Brazilian state of Bahia comes an exuberant portrait of a culture that blends African, European, and Native Indian tradition.

**University Dance Theatre Preview**

April 10, 8:00 p.m., Proscenium Theatre, Rarig Center.

**University Dance Theatre Annual Spring Concert**

April 11-13, 8:00 p.m.; April 14, 3:00 p.m.; Proscenium Theatre, Rarig Center.

**Rhythm in Shoes**

April 13, 8:00 p.m., Northrop Auditorium. A potpourri combining clogging, tap, jigs, square dance, and hambone.

**Feld Ballets I ♥ NY**

May 3-4, 8:00 p.m., Northrop Auditorium. Modern dance mixed with classical ballet.

**University End of Year Technique Showing**

May 31, 3:30 p.m., 153 Norris Hall.

**Joffrey Ballet**

Dates to be announced, Northrop Auditorium. The Joffrey celebrates its 40th anniversary in grand style.

## MUSEUMS AND GALLERIES

**Saving Endangered Species, Saving Ourselves?**

Through December 30, Bell Museum of Natural History. This new exhibition developed by the Bell Museum and the U.S. Fish and Wildlife Service explores the 50 listed species of the Great Lakes-Big Rivers region.

**Beauty and Biology: Butterflies and Moths in Art and Science**

Through December 30, Bell Museum of Natural History.

**The Epic of Minnesota's Great Forests:**

**The Making of a Mural Painting Featuring the  
Mural Art of Hazel Thorson Stoick Stoeckeler**

September 21-October 14, Paul Whitney Larson Gallery. Fifty years ago, Stoeckeler painted the Green Hall mural on the St. Paul campus depicting the rise and fall of the timber industry in Minnesota.

**New Work: University of Minnesota Department  
of Art Faculty Exhibition**

September 29-December 31, Frederick R. Weisman Art Museum. University of Minnesota faculty artists present their most recent work in a full range of media: paintings, ceramics, photography, and multimedia installations.



# COME BACK TO SOMEPLACE SPECIAL.

Your Alumni Association  
membership entitles you  
use of the University of Minnesota  
Unions at University guest  
rates for *Wedding Receptions,*  
*Meetings and Special Events.*



*Call for reservations  
or more information.*

**MINNEAPOLIS  
STUDENT  
UNIONS**

**625-3975**



**st. paul student center**

**625-7200**



**Contemporary Southwest Native American Jewelry**  
October 15-December 17, Goldstein Gallery.

**Generation: The Art of Caroline Mcleod and Her Son Matthew Mcleod**

October 16-November 10, Paul Whitney Larson Gallery.

**1996 Minnesota Duck, Pheasant, and**

**Trout/Salmon Stamp Exhibition**

October 21-January 7, Bell Museum of Natural History.

**1996 Junior Federal Duck Stamp Finalists**

October 21-January 7, Bell Museum of Natural History.

**Halloween Haunts**

October 29, 1:00 to 4:00 p.m., Bell Museum of Natural History. Bats, moths, skeletons, caterpillars, and other assorted creatures; scary skits performed by spooky but friendly creatures and characters. Pumpkin-carving contest prize: a birthday party at the Bell for you and your friends. Get your costumes ready.

**What's Happening with Minnesota Birds?**

November 7-21, Tuesdays 7:00 to 8:30 p.m., members \$45, nonmembers \$60, Bell Museum of Natural History. Minnesota author Robert Janssen discusses which native birds are prospering and which are not and why.

**Swan and Eagle Migration**

November 11, 6 a.m. to 7:00 p.m., members \$31, nonmembers \$38, Bell Museum of Natural History. Trip to Lake Pepin to view the migration of thousands of birds, including swans, bald eagles, golden eagles, and ducks.

**Susan Harrison: B.F.A exhibit**

November 13-December 1, Paul Whitney Larson Gallery.

**Deck the Halls: Holiday Photography by Roger Mertin and Christina Patoski**

November 17-February 25, Frederick R. Weisman Art Museum. Roger Mertin and Christina Patoski have documented holiday displays in visually stunning and culturally aware photographs.

**1996 Federal Duck Stamp Contest: The Top**

**Entries**

December 2-January 7, Bell Museum of Natural History.

**Winter Botany**

December 10, 9:00 a.m. to noon, members \$7, nonmembers \$9, Bell Museum of Natural History. Trip to Central Park along Nine Mile Creek in Bloomington, Minnesota, where Robert Bergad will



Jacob Lawrence's  
*Color the Library, 1978*  
is part of the Weisman's New Work  
faculty exhibit this fall

reveal some of the mysteries of winter plants.

**Jacob Lawrence: Thirty Years of Prints**

January 12-March 17, Frederick R. Weisman Art Museum. A retrospective of prints by this important African American artist. Organized by the Bellevue Art Museum in Washington.

**Seed Dreams, Beaded Visions**

January 14-February 25, Goldstein Gallery. Invitational and juried exhibition of beadwork.

**After Annaghmakerrig: Contemporary Irish Textile Artists**

March 17-May 5, Goldstein Gallery.

**Rockwell Kent China Service**

March 28-June 16, Frederick R. Weisman Art Museum. China designed by American artist Rockwell Kent in 1939 for Vernon Kilns, a California pottery manufacturer, that features the colorful designs of Salamina, a Greenland Inuit



Laura Foster Nicholson's  
*The Ice House, 33" x 29" (pink version),*  
Goldstein Gallery's annual summer exhibit  
of Split Rock faculty weaving

woman. Contexts are Kent's work and the use of china in middle-class homes of the 1930s.

**To Touch the Past: Mimbres Pottery**

April 12-June 16, Frederick R. Weisman Art Museum. The first comprehensive exhibition of the University's extraordinary collection of Mimbres pottery, created in the Mimbres River valley of present-day New Mexico between 200 and 1150 A.D.

**Third Annual Split Rock Weaving Institute Faculty Exhibition**

June 23-September 22, Goldstein Gallery.

**Harriet Bart: Weisman Sculpture Plaza Commission**

June 28-October 8, Frederick R. Weisman Art Museum. Working drawings, models, and related work by Harriet Bart.



Art professor Curtis C. Hoard's  
*Untitled, 1995*, is part of the Weisman's  
New Work faculty exhibit this fall

**Through the Body: Minnesota Artists Explore Their Physical Experience**

July 12-September 1, Frederick R. Weisman Art Museum. Work by Minnesota artists who use the body to explore issues of identity, its construction in culture, and its representation in art.

## MUSIC

Ted Mann Concert Hall, unless otherwise noted. For more information and to confirm dates and times, call 612-62-MUSIC.

**Christian Lindberg**, trombone, September 27, 8:00 p.m. Ticket info 612-624-2345.

**Robert Jamieson**, Faculty recital, cello, October 8, 3:00 p.m., Ferguson Recital Hall.

**Vocal Faculty Recital**, October 8, 3:00 p.m.

**Jorma Hynninen**, voice, October 15, 3:00 p.m. Ticket info 612-624-2345.

**Jeffrey Van**, guitar, October 24, 8:00 p.m., Ferguson Recital Hall.

Harvey Mackay  
listens to the  
hometown  
radio station  
that broadcasts  
coast to coast.



"As I travel around the country,  
it's nice to be able to tune in to the excellence  
of Minnesota Public Radio through national broadcasts  
of the Minnesota Orchestra, The Saint Paul  
Chamber Orchestra, and *A Prairie  
Home Companion*®."

**Minnesota Public Radio's  
programs reach far beyond the  
borders of the state.**

Shows like *Sound Money*®, *Saint Paul Sunday*®, and *Pipedreams*® are enjoyed by hundreds of thousands of people—people who are educated, affluent, and leaders in business and industry.\* Nationally known corporations have found that an underwriting message on an MPR national program puts their name before people who are impossible to reach through the usual media.

**Find out how you can put your company's  
name before a nationwide audience of  
decision-makers like Harvey Mackay.**

Contact Sherry Davis at Minnesota Public Radio today:  
612-290-1496; Internet: [sdavis@mpr.org](mailto:sdavis@mpr.org).

**Minnesota Public Radio**

**Classical 99 KSJN 99.5 FM  
The FM News Station KNOW FM 91.1**



**Wind Ensemble**, October 24, 8:00 p.m.  
**Band Montage**, October 29, 3:00 p.m.  
**University Symphony Orchestra**, October 31, 8:00 p.m.  
**Jazz Ensemble I and Jazz Singers**, November 14, 8:00 p.m.  
**Percussion Ensemble**, November 16, 8:00 p.m., Ferguson Recital Hall.  
**University Opera Theatre and Orchestra**, November 18, 8:00 p.m.  
**Concert Choir**, November 19, 4:00 p.m.  
**Chamber Singers**, November 20, 8:00 p.m.  
**Symphonic Wind Ensemble**, November 21, 8:00 p.m.  
**Men's and Women's Chorus**, November 28, 8:00 p.m.  
**Symphonic and North Star Band**, November 29, 8:00 p.m.  
**Tanya Remenikova and Alex Braginsky**, cello and piano, January 6, 8:00 p.m.  
**Wind Ensemble**, January 26, 8:00 p.m.  
**University Symphony Orchestra**, January 30, 8:00 p.m.  
**Jazz Ensemble I and Jazz Singers**, February 15, 8:00 p.m.  
**Bach Festival**, February 18, 4:00 p.m.  
**Judith Zaimont Birthday Concert**, February 20, 8:00 p.m.  
**University Opera Theatre**, March 1 and 2, 8:00 p.m.; March 3, 2:00 p.m.  
**Wind Ensemble**, March 6, 8:00 p.m.  
**Percussion Ensemble**, March 7, 8:00 p.m., Ferguson Recital Hall.  
**Symphonic Band**, March 7, 8:00 p.m.  
**Black Composers Concert**, April 16, 8:00 p.m.  
**University Symphony Orchestra**, April 19, 8:00 p.m.  
**Wind Ensemble**, April 23, 8:00 p.m.  
**Symphonic Band**, April 30, 8:00 p.m.  
**Opera Theatre**, May 10 and 11, 8:00 p.m.; May 12, 2:00 p.m.  
**Jazz Ensemble I and Jazz Singers**, May 14, 8:00 p.m.  
**Men's and Women's Chorus**, May 16, 8:00 p.m.  
**Student Showcase**, May 18, 8:00 p.m.  
**Wind Ensemble, Concert Choir, Chamber Singers**, May 19, 3:00 p.m.  
**Symphonic and North Star Bands**, May 22, 8:00 p.m.  
**University Symphony Orchestra and Choral Union**, May 23, 8:00 p.m.

## THEATER

### "The Visit"

October 27-29, November 1-5, Proscenium Theatre, Rarig Center. By Friedrich Dürrenmatt, directed by Stephen Kanee.

### "Bloody Poetry"

November 10-12, 15-19, Thrust Theatre, Rarig Center. By Howard Brenton, directed by Marcus Young.

### "Tartuffe"

February 2, 3, 7, 10-12, 15-17, matinees February 8, 14, Thrust Theatre, Rarig Center. By Molière, directed by a guest.

### "Ghosts"

February 16-18, 22-25, 28-29, March 1-2, Arena Theatre, Rarig Center. By Henrik Ibsen, directed by Carl Forsman.

## MINNESOTA LANDSCAPE ARBORETUM

For more information, call the arboretum at 612-443-2460.



Visit the Landscape Arboretum year round.

### Fall Festival

September 30, 9:00 a.m. to 3:00 p.m. Annual fall extravaganza of color and activities for the entire family. Food, fall bulbs, and gardening supplies for sale. Live music, entertainment, and children's activities. Arboretum Auxiliary sale of one-of-a-kind dried flower arrangements and decorations. Tram rides around the arboretum; cider pressing and apple sales from the arboretum's Horticultural Research Center.

### Anderson Horticultural Library Book Sale

October 6-8.

### Japanese Tea Ceremony

October 8, 1:00 p.m. to 4:00 p.m. The beautiful Japanese tradition presented by several studied tea masters in recognition of the arboretum's Japanese Garden.

### Rose Tipping Day

October 14. Observe or participate as the Minnesota Rose Society covers the roses, using the Minnesota Tipping Method developed here.

### Annual Holiday Open House

December 2-3.

### 1995 Photo Contest and Display

January 4-30.

### Martin Luther King Holiday Program

January 15.

### Chanhassen February Festival Fun Ski and Winter Activities Weekend

February 17 at the arboretum. Great prizes, T-shirts, winter activity exhibits, food, fun, cross-country skiing, and more. Call for registration form.

### President's Holiday Program

February 19.

**Sugarbush Pancake Brunch and Maple Tour**  
 March 23-24, 10:00 a.m. to 3:00 p.m., brunch 9:00 a.m. to 1:00 p.m. Sugarbush maple syrup tour and demonstrations at Frog Hollow. Arboretum maple syrup, whole wheat pancakes, and all the fixings.

### Lifting of the Roses

April 13. The Minnesota Rose Society uncovers the roses buried last fall.

### Your Emerging Garden Seminars

May 4. Cosponsored with Metro County Master Gardener Programs. Call for registration information.

### Auxiliary Plant Sale

May 11, Margot Picnic Shelter. Trees, shrubs, perennials, and annuals of all varieties for sale. Silent auction of unique plants.

### New Member Receptions

June 6 and June 27, 5:00 to 8:00 p.m. Guided walking tours highlighting the display gardens. Tram rides featuring the tree and plant collections along the three-mile drive. Reservations required.

### Orchid Lights Benefit

June 22, 6:00 to 10:30 p.m. An elegant garden party to benefit the garden maintenance fund. Exceptional entertainment and a memorable dining experience featuring the Twin Cities' finest chefs. Reservations required.

### Auxiliary Garden Tour

July 9-10. Tour of some of the most exclusive private gardens of the Twin Cities area. Lunch. Reservations required.

### Carver/Scott County 4-H Day

July 11, 5:00 to 9:00 p.m. Presented by the Carver and Scott County Extension Services.

### Minnesota Prairie Day

August 10. Tours of the arboretum's restored native prairie.

### Twelfth Annual Herb Symposium

August 15-17. Local and national speakers, authors, chefs, and teachers. Cooking and decorating demonstrations, workshops, and tours of the arboretum herb gardens.



# We've Discounted Minnesota's Most Respected Garden Power Tool...



## Introducing Low-Cost Access to DIAL U Experts on Insects and Plant Care!

Whether you have questions about lawn and garden care, or how to control household insect pests, the experts at the University of Minnesota's Dial U Insect and Plant Information Service have the answers. Personalized answers. Answers that can save you time, money and grief. In fact, you might say Dial U is Minnesota's most respected garden power

tool. It's as easy as dialing your phone. And now, University of Minnesota Alumni Association members can save with an exclusive

discount offer. Normally priced at \$2.99 per call, you get five calls for just \$10. That's a 33 percent savings! Just return the coupon or call with your credit card number. It's like having a garden power tool at your finger tips.

**YES!** Sign me up for the special DIAL U offer of five calls for only \$10! I have enclosed my check or charge card authorization. I understand I will receive my DIAL U card with special UMAA access phone number after my request has been processed. My membership number is:

(Take from your membership card or magazine label)

Check  Mastercard  Visa  Discover  Amex

Mail to: Dial U, 155 Alderman Hall, 1970 Folwell Ave., St. Paul, MN 55108. Or call: (612) 624-5353

Charge Card Number

Exp. Date

Signature

Name

Street/Address

City

State

Zip

## CONFERENCING TODAY WITH TOMORROW'S TECHNOLOGY

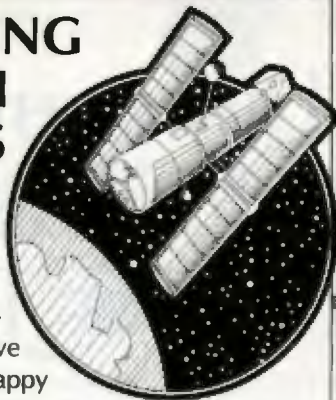
With so much new technology available, internet, satellite and interactive teleconferencing—you'll be happy to know the Earle Brown Continuing Education Center is ready to use that technology to make your conference a success.

Our computer laboratory offers 20 IBM 486's and Novell Netware. These facilities are available for rental by your trainers or we can provide customized lab instruction for your audience.

*Earle Brown*  
**center**

UNIVERSITY OF MINNESOTA  
Mari Bongiovanni, Manager

Ph: 612/624-3275 • FAX 612/625-1948 • Internet: mrb@ebc.mes.umn.edu



## UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

Call 612-624-2323 or 1-800-UM-ALUMNS for more information unless otherwise noted.

### Bay Chapter Picnic

October 1, 1:00 to 4:00 p.m., Lafayette Reservoir Recreation Area, 30 minutes east of San Francisco. Minnesota hot dish contest, fishing, boat rentals, hiking, prizes. Call Margo Marcellini at 510-283-7863 or Lisa Runge at 415-206-9327 for information.

### Multicultural Conference and Media Fair

October 17 and 18, Hans Christian Andersen Schools of Many Voices. Speakers, exhibits, ethnic buffet lunch, workshops. Cosponsored with the College of Education and Human Development Alumni Society.

### Mankato Chapter Event

November 6. The chapter hosts women's athletics director Chriz Voelz and Mankato athletes attending the University. Call Ann Knewton at 507-278-4087 for information.

### School of Dentistry "Careers Day"

November 11, 9:00 a.m. to noon, Moos Tower.

### School of Nursing Alumni Society Class Representatives Reception

November 14, 4:30 to 6:30 p.m., Unit F Skills Lab. School of Nursing Dean Sandra Edwardson is the featured speaker.

### Dentistry Alumni Day

November 17, Radisson Metrodome Hotel/U of M. "The New Restorative Paradigm" continuing education program, luncheon/annual meeting/awards ceremony, including presentation of the A. B. Hall Award, student poster session, and reception with emeritus professors. Dental Hygiene Program 75th anniversary all-class reunion and awards program.

### Career Action Day

April 19, 8:00 to 4:30 p.m., Hubert H. Humphrey Institute of Public Affairs. Students and alumni can meet with potential employers and attend workshops focusing on career-related topics. Cosponsored by the School of Public Health and the Humphrey Institute. Call Joan Pasiuk at 612-624-6915 for more information.

### Pharmacy Alumni Society Annual Meeting and Banquet

May 3, Northland Inn, Brooklyn Center, Minnesota. Held in conjunction with Minnesota Pharmacist Association. Presentation of Distinguished Pharmacist Award.

## HATS OFF!

The University of Minnesota Alumni Association salutes Jean B. Keffeler for her leadership of the Board of Regents and dedication to the University of Minnesota.



**Jean B. Keffeler**

Chair of the University of Minnesota  
Board of Regents 1993-1995  
and Life Member of the  
University of Minnesota Alumni Association



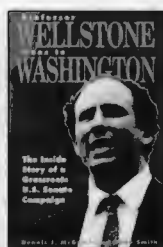
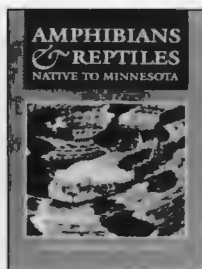
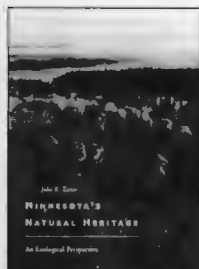
UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

*Give*  
**MINNESOTA**  
*this Year*



**M  
I  
N  
N  
E  
S  
O  
T  
A**

# University of Minnesota Alumni Assn



## Minnesota's Natural Heritage

An Ecological Perspective  
John R. Tester

**new book!** Filled with 128 beautiful color photographs by award-winning nature photographers, this coffee-table book is the most complete treatment available of Minnesota's environment. Through colorful maps, drawings, diagrams, and graphs, *Minnesota's Natural Heritage* examines lakes, rivers, forests, prairies, farmlands, and wetlands and includes information about significant and interesting plants and animals.

\$29.95 cloth/jacket 352 pages  
130 color photos, 57 color figures (1995)

## Amphibians and Reptiles Native to Minnesota

Barney Oldfield and John J. Moriarty  
This guide to the 48 species of amphibians and reptiles native to Minnesota is lavishly illustrated with full-color photographs.

\$25.95 cloth/jacket 256 pages  
116 color photographs, 49 maps (1994)

## Professor Wellstone Goes to Washington

The Inside Story of a Grassroots U.S. Senate Campaign

Dennis J. McGrath and Dane Smith  
**new book!** "Political junkies will gorge themselves on Star Tribune reporters McGrath and Smith's inside look at Paul Wellstone and his 1990 campaign cum crusade." *Twin Cities Reader*

\$24.95 cloth/jacket 216 pages  
8-page photo section (1995)

## Imagining Home

Writing from the Midwest  
Mark Vinz and Thom Tamarro, editors

**new book!** In this volume, sixteen nationally acclaimed authors reflect on how their attitudes, values, and development as writers. Contributors include Carol Bly, Paul Gruchow, Patricia Hampl, Jon Hassler, Bill Holm, Kathleen Norris, Mary Swander, and Larry Watson.

\$19.95 cloth/jacket 240 pages (1995)

## Seeing the Raven

A Narrative of Renewal  
Peter M. Leschak

Leschak's story unfolds against the beautiful and forbidding landscape of northeastern Minnesota. At once humorous and philosophical, this is a book about renewal and a search for meaning along nature's myriad byways.

\$16.95 cloth/jacket 192 pages (1994)

## Woman of the Boundary Waters

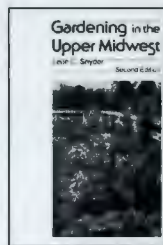
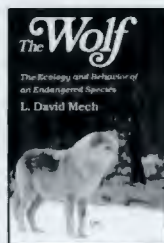
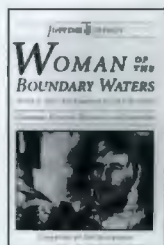
Canoeing, Guiding, Mushing, and Surviving  
Justine Kerfoot

Justine Kerfoot arrived in the Boundary Waters in 1928 and has lived there ever since. As she relates her lessons from the Canadian Indians across the lake—how to hunt moose, drive a dog team, and stay warm at minus 40 degrees—Kerfoot's lyrical descriptions express the reverence for nature that has become her way of life. More than 33,000 copies sold!

\$14.95 paper 224 pages  
10 ink drawings, 53 black-and-white photographs (1994)

Orders: 1-800-388-3863

Association members get a 20% discount!



## Wildflowers of the Northern Great Plains

F. R. Vance, J. R. Jowsey and J. S. McLean  
The definitive guide to the flora of the prairies of Minnesota, the Dakotas, Montana, Wyoming, and the adjoining provinces of Canada. Features stunning color photography and descriptions of 400 species.

\$15.95 paper 338 pages 623 color photographs (1984)

## Gardening in the Upper Midwest

Second edition  
Leon C. Snyder

An essential reference for northern gardeners, this edition contains new information on vegetables and fruit. Includes useful lists of appropriate species as well as information on landscaping, lawn care, and flowers.

\$17.95 paper 320 pages 8-page color photo section (1985)

## Orchids of Minnesota

Welby R. Smith,

Minnesota Department of Natural Resources  
The first and only fully illustrated field guide to the orchids of Minnesota. Includes a section on the biology of orchids, a description of each of the 43 species native to Minnesota, detailed line drawings, a North American range map, and a Minnesota county distribution map.

\$24.95 cloth/jacket 160 pages 43 color plates (1993)

## The Wolf

The Ecology and Behavior of an Endangered Species

L. David Mech

"Written in non-technical language, the book sets down just about everything that we know about this beautiful and shy animal. . . a fine, comprehensive survey." *The New York Times Book Review*

\$16.95 paper 410 pages 53 photographs (1981)

For fastest service, call toll-free 1-800-388-3863

MINNESOTA

At bookstores or from  
University of Minnesota Press  
111 Third Ave. South, Suite 290  
Minneapolis, MN 55401-2520

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone number \_\_\_\_\_

Check or money order enclosed

Master Card/VISA No. \_\_\_\_\_

Exp. date \_\_\_\_\_ Signature \_\_\_\_\_

Check here if you'd like us to send you a complete Minnesota books catalog

Code: 504/436

Quant.	Title	Price	Extension

Use additional paper if space above isn't adequate for your order

Subtotal \_\_\_\_\_

minus 20% for UMAA members (member number \_\_\_\_\_)\* \_\_\_\_\_

MN residents add 6.5% sales tax, Mpls 7% \_\_\_\_\_

Canadian residents add 7% GST \_\_\_\_\_

Shipping: \$3 first book (outside US \$4); 50¢ ea. add'tl \_\_\_\_\_

TOTAL \_\_\_\_\_

All payment must be in U.S. dollars

\*Member number must be provided to receive discount

**MA  
IN  
NE  
SO  
TA**

University of Minnesota Press  
111 Third Avenue South, Suite 290  
Minneapolis, MN 55401  
1-800-388-3863



label here



The University of Minnesota Alumni Association offers

# INTERNET ACCESS AND E-MAIL FOR ONLY \$110 PER YEAR

*plus your membership fee in the association.*

Software is an extra one time charge.

**Fifty hours of usage per month is included.**



## 50 HOURS

Usage per month

**T**HE UNIVERSITY OF MINNESOTA has been a leader in the development of access to Internet and E-mail. The University's Gopher interface program is used worldwide for easy access to Internet.

To further enhance communication around the world, Alumni and Friends of the University who join the University of Minnesota Alumni Association (UMAA) can now use their personal computers—either IBM compatible or Macintosh—to access Internet and E-mail for only \$110 per year for 50 hours of usage per month. **That's less than 19 cents per hour.**

Lumina access through Internet is the same as through Lumina at the University. If you have specific questions, call the UMAA at 612-624-2323.

To use the service we recommend that you purchase "Slip" software that lets the University computer think you are hooked into the network. You can buy this from the UMAA or similar programs from others. If you purchase Slip from the UMAA, you also get Popmail, an E-mail send/receive program; Gopher, the interface that makes Internet easier to use; Telnet; and FTP. (All combined in Minuet for IBM compatibles.) The software is a one-time charge of \$85 including tax and shipping.

To become a member of the UMAA and subscribe to the Internet E-mail Service complete the application at right.

**If you are outside the Twin Cities metro area long-distance charges apply.**

### A Note About Non-University Software

The University of Minnesota provides support for the Internet access software sold by the UMAA. If you use non-University software, the UMAA will provide the parameters to set up your software, but any needed technical support will have to come from your software vendor. Software must allow for "SLIP" access. Instructions will be provided so subscribers can set up World Wide Web browsers such as Mosaic and Netscape in conjunction with UMAA SLIP software.

**REFUND POLICY:** The UMAA wants you to be satisfied with our Internet/E-mail access service. **Refund requests must be made within 30 days of receipt of your materials.** UMAA memberships are not refundable.

## APPLICATION FORM

**Yes! Sign me up for Internet/E-mail service and membership in the UMAA. I understand setup takes up to six weeks after you receive my application. (I am already a member, my membership number is \_\_\_\_\_)**

Internet/E-mail service	\$110.00
UMAA single annual membership	\$30.00
Slip plus Popmail, Gopher, Telnet, FTP	<b>\$85.00</b>
<b>Total</b>	_____

**Software selection:**

- IBM 5 ¼"     IBM 3 ½"  
 MAC high density (system 7)  
 MAC double density (system 6)

**Payment Method:**

- I have enclosed a check for the total  
 Check     Visa     MasterCard

Account Number \_\_\_\_\_

Exp. Date \_\_\_\_\_

Signature \_\_\_\_\_

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

College \_\_\_\_\_

Degree \_\_\_\_\_

Grad Year \_\_\_\_\_

Phone \_\_\_\_\_

Send to: University of Minnesota Alumni Association  
501 Coffman Union, 300 Washington Avenue SE  
Minneapolis, MN 55455-0396

# TO GET THE BEST SEATS IN THE HOUSE YOU'VE GOT TO HAVE THE RIGHT CONNECTIONS.



Get in gear with MSC, your connection to the best in regional sports, featuring exclusive live coverage of

Minnesota Twins baseball, Golden Gopher men's basketball, hockey and football, University of Minnesota women's athletics, plus other professional and collegiate contests.



And for an insider's look at the game within the game, turn to MSC for coaches' shows featuring Clem Haskins and Doug Woog, nationally syndicated talk shows, and the nightly sports news program "NewSport."



Make the connection to MSC and get in on the action today!

# MSC<sup>TM</sup>

**YOUR CONNECTION TO THE BEST IN REGIONAL SPORTS.**





# Midwest Sports Channel Gopher Sports Schedule

## MEN'S FOOTBALL

Hosts Ball State, September 16  
 Vs. Syracuse, September 23  
 Hosts Arkansas State, September 30  
 Hosts Purdue, October 7  
 Hosts Northwestern, Homecoming Game, October 14  
 Vs. Michigan State, October 21  
 Vs. Michigan, October 28  
 Hosts Ohio State, November 4  
 Hosts Wisconsin, November 11  
 Vs. Illinois, November 18  
 Vs. Iowa, November 25

## MEN'S BASKETBALL (Tentative)

Midnight Madness, October 14  
 Exhibition, November 9  
 Exhibition, November 16  
 At Big Island Invitational, Hilo, Hawaii, November 24-26  
 Hosts Charleston Southern, November 28  
 Hosts Bethune Cookman, November 30  
 Hosts Nebraska, December 9  
 Vs. Cincinnati, December 12  
 Hosts California, December 16  
 Vs. Clemson, December 19  
 Vs. Sacramento State, December 23  
 Hosts Mount St. Mary's, December 28  
 Hosts Mercer, December 31  
 Hosts Illinois, January 3  
 Vs. Iowa, January 6  
 Vs. Penn State, January 10  
 Hosts Purdue, January 13  
 Vs. Ohio State, January 20  
 Vs. Wisconsin, January 24  
 Hosts Michigan State, January 27  
 Hosts Northwestern, January 31  
 Hosts Indiana, February 7  
 Vs. Northwestern, February 10  
 Vs. Michigan State, February 14  
 Hosts Wisconsin, February 17  
 Hosts Ohio State, February 21  
 Vs. Michigan, February 24  
 Vs. Purdue, February 28  
 Hosts Penn State, March 2  
 Hosts Iowa, March 6  
 Vs. Illinois, March 9

## MEN'S HOCKEY (Tentative)

Vs. Michigan Tech, October 13-14  
 Vs. Colorado College, October 21-22

Hosts Alaska Anchorage, October 27-28  
 Vs. St. Cloud State, November 4  
 Hosts St. Cloud State, November 5  
 Hosts Denver, November 11-12  
 Vs. Minnesota-Duluth, November 17-18  
 At College Hockey Showcase, Milwaukee, Wisconsin, November 24-25  
 Hosts North Dakota, December 9-10  
 Vs. Alaska Anchorage, December 15-16  
 Hosts Mariucci Classic, December 29-30  
 Vs. Denver, January 5-6  
 Hosts Minnesota-Duluth, January 12-13  
 Hosts Wisconsin, January 19-20  
 Hosts Northern Michigan, January 26-27  
 Vs. North Dakota, February 2-3  
 Hosts Colorado College, February 9-10  
 Hosts St. Cloud State, February 16  
 Vs. St. Cloud State, February 17  
 Vs. Wisconsin, February 23-24  
 WCHA First Round Playoffs, March 1-2  
 WCHA Final Five, Milwaukee, Wisconsin  
 NCAA Regional, March 22-24  
 NCAA Championships, Cincinnati, March 28-30

## WOMEN'S SOCCER

Vs. New Mexico, September 2, 1:00 p.m.  
 Vs. Montana, September 4, noon  
 Hosts Ohio State, September 8, 4:00 p.m.  
 Hosts Northern Illinois, September 10, 1:00 p.m.  
 Hosts Minnesota-Duluth, September 13, 4:00 p.m.  
 Vs. George Washington, Harrisonburg, Virginia, September 15, 2:00 p.m.  
 Vs. James Madison, Harrisonburg, Virginia, September 17, 2:00 p.m.  
 Hosts Michigan State, September 22, 4:00 p.m.  
 Hosts Michigan, September 24, noon  
 Vs. Rutgers, Camden, New Jersey, September 29, 7:00 p.m.  
 Vs. Penn State, University Park, Pennsylvania, October 1, 1:00 p.m.  
 Hosts Kansas, October 7, 1:00 p.m.  
 Hosts Detroit, October 8, 1:00 p.m.  
 Hosts Butler, October 13, 3:00 p.m.  
 Hosts Indiana, October 15, 1:00 p.m.  
 Vs. Wisconsin, Madison, October 20, 7:00 p.m.  
 Vs. Northwestern, Evanston, Illinois, October 22, noon  
 Vs. Texas, Austin, October 28, 1:00 p.m.  
 Vs. Texas Christian, Austin, October 29, 11:00 a.m.  
 Big Ten Championships, Bloomington, Indiana, November 3-5  
 NCAA Championships, Chapel Hill, North Carolina, December 1-3

## WOMEN'S CROSS COUNTRY

Vs. University of Washington, Seattle, September 23  
 Hosts Nike Invitational, September 30  
 Mankato State Invitational, Mankato, Minnesota, October 7  
 Iowa State Pre-National Meet, Ames, October 14  
 Hosts Minnesota Open, October 21  
 Hosts Big Ten Championship, October 28  
 Hosts Rocky's Run, November 5  
 Region IV Championship, West Lafayette, Indiana, November 11  
 NCAA Championships, Ames, Iowa, November 20

## WOMEN'S VOLLEYBALL

Hosts Wisconsin, September 20, 7:00 p.m.  
 Vs. Iowa, Iowa City, September 22, 7:00 p.m.  
 Vs. Illinois State, Normal, Illinois, September 24, 2:00 p.m.  
 Vs. Penn State, University Park, Pennsylvania, September 29, 7:30 p.m.  
 Vs. Ohio State, Columbus, September 30, 7:30 p.m.  
 Hosts Purdue, October 6, 7:00 p.m.  
 Hosts Northwestern, October 7, 7:00 p.m.  
 Hosts Iowa State, October 11, 7:00 p.m.  
 Vs. Michigan, Ann Arbor, October 13, 7:00 p.m.  
 Vs. Michigan State, East Lansing, October 14, 7:30 p.m.  
 Hosts Indiana, October 20, 7:00 p.m.  
 Hosts Illinois, October 21, 7:00 p.m.  
 Hosts Ohio State, October 27, 7:00 p.m.  
 Hosts Penn State, October 28, 7:00 p.m.  
 Vs. Northwestern, Evanston, Illinois, November 3, 7:30 p.m.  
 Vs. Purdue, West Lafayette, Indiana, November 4, 7:30 p.m.  
 Hosts Michigan State, November 10, 7:00 p.m.  
 Hosts Michigan, November 11, 7:00 p.m.  
 Vs. Illinois, Champaign, November 17, 7:30 p.m.  
 Vs. Indiana, Bloomington, November 18, 7:30 p.m.  
 Vs. Wisconsin, Madison, November 22, 7:00 p.m.  
 Hosts Iowa, November 25, 7:00 p.m.  
 NCAA First Round, November 29  
 NCAA Second Round, December 2-3  
 NCAA Regionals, December 7-10  
 NCAA Championships, Amherst, Massachusetts, December 14 and 16

## WOMEN'S TENNIS

**William and Mary Invitational**, Williamsburg, Virginia, September 22-24  
**Notre Dame Invitational**, South Bend, Indiana, October 13-15  
**Riviera All-American Championship**, Pacific Palisades, California, October 17-22  
**Rolex Regional Qualifier**, November 2-5  
**Federated Insurance Court Classic**, January 19-20, Baylor, Notre Dame, Vanderbilt  
**Hosts Iowa**, February 4  
**Rolex National Indoor Championship**, Dallas, February 8-11  
**Hosts Iowa State**, February 9  
**Hosts DePaul**, February 11  
**Vs. Nebraska**, Des Moines, Iowa, February 17  
**Vs. Drake**, Des Moines, Iowa, February 18  
**Hosts Northwestern**, March 1  
**Hosts Wisconsin**, March 3  
**Vs. Maryland**, Lawrence, Kansas, March 9  
**Vs. Kansas**, Lawrence, Kansas, March 10  
**Vs. Rice**, El Paso, Texas, March 19  
**Vs. Alabama-Birmingham**, El Paso, Texas, March 20  
**Vs. University of Texas**, El Paso, Texas, March 22

**Vs. Purdue**, West Lafayette, Indiana, March 30  
**Vs. Illinois**, Champaign, March 31, 10:00 a.m.  
**Vs. Ohio State**, Columbus, April 6, 10:00 a.m.  
**Vs. Indiana**, April 7  
**Vs. Penn State**, University Park, Pennsylvania, April 13  
**Hosts Michigan State**, April 19  
**Hosts Michigan**, April 21  
**Big Ten Championships**, April 25-28  
**NCAA Championships**, Tallahassee, Florida, May 10-18

## WOMEN'S BASKETBALL (Tentative)

**Alumnae Game**, November 12, 2:00 p.m.  
**Hosts Strakonice (Czech Republic)**, November 18, 7:00 p.m.  
**Hosts Dial Classic**, November 26, Princeton, Northern Illinois, Siena College  
**Vs. South Carolina**, Columbia, November 29  
**Vs. James Madison**, Harrisonburg, Virginia, December 1  
**Hosts Wisconsin-Green Bay**, December 9, 7:00 p.m.

**Vs. Southwest Texas State**, San Marcos, December 11, 7:30 p.m.  
**Vs. Texas A & M**, College Station, December 13  
**Hosts Western Illinois**, December 17, 2:00 p.m.  
**Vs. Marquette**, Milwaukee, Wisconsin, December 20  
**Vs. Northwestern**, Evanston, Illinois, December 27  
**Vs. Penn State**, University Park, Pennsylvania, January 5  
**Vs. Purdue**, West Lafayette, Indiana, January 7  
**Hosts Ohio State**, January 12, 7:00 p.m.  
**Hosts Illinois**, January 14, 2:00 p.m.  
**Vs. Wisconsin**, Madison, January 19  
**Hosts Indiana**, January 21, 2:00 p.m.  
**Vs. Michigan**, Ann Arbor, January 26  
**Vs. Iowa**, Iowa City, January 28  
**Hosts Michigan State**, February 2, 7:00 p.m.  
**Hosts Wisconsin**, February 4, 2:00 p.m.  
**Vs. Illinois**, Champaign, February 9  
**Vs. Ohio State**, Columbus, February 11  
**Hosts Purdue**, February 16, 7:00 p.m.  
**Hosts Penn State**, February 18, 2:00 p.m.



## Radisson Hotel Metrodome. In A Class All Its Own.

Nestled in the heart of the Minneapolis Saint Paul university area, with a host of sophisticated entertainment and cultural options, the Radisson Hotel Metrodome awaits you. Guest comfort is paramount and you will find the accommodations to be among the finest. Over 20,000 square feet of flexible meeting space accommodates business groups or social gatherings. The award winning Meadows restaurant serves a tantalizing array of gourmet choices with vintage wines, classic ambiance and exceptional service. Casual dining is the trademark at McCormick's with a variety of homemade favorites. Radisson Hotel Metrodome, in a class all its own.



HOTEL METRODOME  
**Radisson**<sup>®</sup>

• RESERVATIONS WORLDWIDE **800-333-3333** •

OR CALL YOUR TRAVEL PLANNER

## Radisson Hotel Metrodome

615 Washington Ave. SE • Minneapolis, MN 55414 • (612) 379-8888

# Don't delay . . . Buy your tickets NOW

## for the thrills and chills of Gopher Aces, Blocks and Kills!

1995 Gopher Volleyball

For ticket information for basketball, gymnastics, soccer, softball,  
swimming & diving, track & field and volleyball,  
call the Gopher Ticket Office at (612) 624-8080.



No admission charge for cross country, golf and tennis.



INDIVIDUAL MATCH TICKETS VOLLEYBALL

Season Ticket Order	No.	Price		Amount
11 Home Matches		\$44.00		
<i>\$6 Courtside seating; \$5 adult; \$3 U of M student, ages 7-18, or adult (62+)</i>				
Individual Match Tickets	No. \$6	No. \$5	No. \$3	Amount
Sept. 20 Wed. Wisconsin				
Oct. 6 Fri. Purdue				
Oct. 7 Sat. Northwestern				
Oct. 11 Wed. Iowa State				
Oct. 20 Fri. Indiana				
Oct. 21 Sat. Illinois				
Oct. 27 Fri. Ohio State				
Oct. 28 Sat. Penn State				
Nov. 10 Fri. Michigan State				
Nov. 11 Sat. Michigan				
Nov. 25 Sat. Iowa				
<b>INDIVIDUAL TICKET TOTAL</b>				
<b>Berg Scholarship Fund Donation (Tax Deductible)</b>		<b>Amount \$</b>		
Totals		Amount		
Season Ticket Subtotal				
Individual Ticket Subtotal				
Berg Scholarship Fund Donation				
Postage and Handling		\$2.00		
<b>TOTAL AMOUNT ENCLOSED</b>				
Make checks payable to: University of Minnesota or pay with (check one) <input type="checkbox"/> Visa <input type="checkbox"/> Mastercard <input type="checkbox"/> Discover Card no. _____ Exp. Date _____ Signature _____ *** all credit card orders must be signed *** Customer no. _____ Name _____ Address _____ City, State, Zip _____ Day Phone _____ Home Phone _____ Return payment to: Mariucci Arena Women's Intercollegiate Athletics 4 Oak Street SE Main Office # (612) 624-8000 Minneapolis, MN 55455 Gopher Sports Hotline (612) 626-STAT Call (612) 624-8080 Mon-Fri, 9 a.m.-5 p.m. Results and updates 24 hours a-day				



Hosts Northwestern, February 25, 2:00 p.m.

Big Ten Tournament, March 1-4

NCAA Tournament, first and second rounds, March 15 & 17; regionals, March 23 & 25; Final Four, Charlotte, North Carolina, March 29-31

## WOMEN'S GYMNASTICS

Intrasquad, January 6, 7:00 p.m.

Vs. Michigan State, East Lansing, January 13

Hosts Michigan, January 20, 7:00 p.m.

Vs. Iowa State, Ames, January 27

Vs. Ohio State, Columbus, February 3

Hosts Minnesota Invitational, February 10, 7:00 p.m., Oregon State, Massachusetts, Iowa State

Vs. Missouri, Columbia, February 18

Hosts Iowa, February 24, 7:00 p.m.

Shanico Invitational, Corvallis, Oregon,

March 1, Oregon State, Ohio State, Penn State, Michigan, Seattle Pacific

Hosts Nebraska, March 9, 7:00 p.m.

Hosts Utah, March 17, 2:00 p.m.

Vs. Southeast Missouri State, Cape Girardeau, March 23

Big Ten Championships, Columbus, Ohio, March 30

NCAA Central Regional, April 13

NCAA Championships, Tuscaloosa, Alabama, April 25-27

## WOMEN'S INDOOR TRACK & FIELD

Hosts Northwest Open, January 13

Big Ten Challenge, Iowa City, Iowa, or University Park, Pennsylvania, January 20

Hosts Nike Invitational, January 27, Auburn, Arizona, Washington

Big Ten Challenge, Ann Arbor, Michigan, February 3-4

Hosts Iowa State, February 10

Hosts Minnesota Open, February 17

Big Ten Indoor Championship, Madison, Wisconsin, February 24-25

At Iowa State, Ames, March 2

NCAA Indoor Nationals, March 9

## WOMEN'S OUTDOOR TRACK & FIELD

Texas Relays, Austin, April 6

Hosts Minnesota Open, April 13, 11:00 a.m.

Drake Relays, Des Moines, Iowa, April 26-27

Hosts Nike Twilight, May 4

Hosts Minnesota Open, May 11

Big Ten Outdoor Championships, University Park, Pennsylvania, May 18-19

NCAA Outdoor Championships, May 29-31, June 1

## WOMEN'S SOFTBALL (Tentative)

Vs. Indiana, Bloomington, March 30-31

Hosts Michigan State, April 6-7

Hosts Wisconsin, April 9

Vs. Ohio State, Columbus, Ohio, April 13-14

Hosts Northwestern, April 16

Hosts Purdue, April 20-21

At Penn State, University Park, Pennsylvania, April 27-28

At Iowa, Iowa City, May 1

Hosts Michigan State, May 4-5

Big Ten Tournament, May 9-12

NCAA Regionals, May 17-19

## Membership:

For you • For a friend • Update us

The University of Minnesota Alumni Association (UMAA) is your connection to the University. If you want to join the UMAA, have a question, or want to give a gift membership, use the form below.

- SIGN ME UP FOR A UMAA MEMBERSHIP  
 SIGN UP A FRIEND FOR A MEMBERSHIP  
 (please fill out form below for that person)  
 PLEASE CORRECT MY ADDRESS TO THAT BELOW

### MEMBERSHIP TYPE/PAYMENT:

- Single \$30  Dual \$40  Second member \_\_\_\_\_  
 Check payable to UMAA  MasterCard  Visa

CREDIT CARD ACCOUNT NUMBER \_\_\_\_\_ EXP. DATE \_\_\_\_\_

SIGNATURE \_\_\_\_\_

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE (DAY) \_\_\_\_\_ (EVENING) \_\_\_\_\_

YEARS ATTENDED THE U \_\_\_\_\_ COLLEGE \_\_\_\_\_

UMAA MEMBER NUMBER \_\_\_\_\_ GIFT MEMBERSHIP GIVEN BY \_\_\_\_\_

PLEASE CALL US FOR A BENEFITS BROCHURE, AN INTERNET APPLICATION (\$110/yr), OR INFORMATION ON OUR MANY INITIATIVES. MMNM

Return to: UMAA, 501 Coffman Memorial Union  
 300 Washington Avenue SE, Minneapolis, MN 55455-0396  
 FAX: 612-626-8167 PHONE: 612-624-2323  
 OUTSIDE TWIN CITIES: 800-UM-ALUMS (862-5867)



UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

*You'll love the way it wears.*

KARASTAN

DETACH COUPON HERE

**GIFT WITH PURCHASE  
UNIVERSITY OF MINNESOTA ALUMNI ONLY**

Purchase a \$1000.00 or more of Karastan carpets or rugs at Dayton's  
and receive a 4'3" x 6' Karastan Chaumière Ivory Lattice Rug.

Name \_\_\_\_\_ Sales Check Number \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_



Rug shown: Chaumière Ivory Lattice Rug

THIS COUPON MUST ACCOMPANY OFFER. OFFER GOOD UNTIL NOV. 11, 1995. LIMIT: ONE COUPON PER HOUSEHOLD.  
NOTE: SALESPERSON SEND COUPON AND COPY OF SALES CHECK TO BUYING OFFICE.

DAYTON'S

UNIVERSITY OF MINNESOTA  
FEDERAL CREDIT UNION



PROSPER FROM WITHIN

**“MEMBER OWNED”**

means

**“WE BELONG TO YOU”**

Did you know that the UNIVERSITY OF MINNESOTA FEDERAL CREDIT UNION was created just for you? We are the ONLY financial institution that serves JUST the University Community and gives everything back to the community.

We offer a broad range of financial services and products. Here are just a few:

- Regular Share
- Share Checking
- Share Certificates
- Holiday Club & IRA's
- Direct Deposit & P/R Deduction
- ATM Card
- Audio Response
- Money Orders
- Traveler's Cheques
- Financial Planning
- Guaranteed Student Loans
- First Mortgage
- Home Equity
- Visa Credit Card
- Overdraft Protection
- Automobile Loans
- Computer Loans
- Personal Loans
- Notary Service
- Wire Transfer

If you can't get to us, just use your ATM card for deposits, withdrawals or transfers or call our toll free Audio Response for a variety of services and information.

If you would like more information, give us a call or drop us a line at either location.

50 Coffman Memorial Union  
300 Washington Avenue SE  
Minneapolis, MN 55455  
612-624-8628; fax 612-626-5418

196 Kirby Student Center  
10 University Drive  
Duluth, MN 55812  
218-726-6310; fax 218-726-6855



UNIVERSITY OF MINNESOTA FEDERAL CREDIT UNION

Conveniently located right on campus!



EQUAL HOUSING  
LENDER

# GOPHER



# FOOTBALL

## University of Minnesota Alumni

The Men's Athletic Department along with the Alumni Association has developed a special package for University of Minnesota alumni. On November 4th watch the basketball team scrimmage in the afternoon, and then watch the football team take on Ohio State. Also, receive a ticket to the first Gopher basketball game ever played in the Metrodome. All for only \$35.



### Football/Basketball Package includes:

- Lower level seat to the Gopher Football game vs. Ohio St.
- Ticket to the November 4th Basketball Intrasquad scrimmage (TBA).
- Ticket to the Gopher vs. California basketball game at the Dome December 16.



For information or to place an order call Marc Rood at (612)624-7308.

### 1995 GOPHER FOOTBALL Golden Gopher Alumni Special

Account No.: \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Day Phone: \_\_\_\_\_ Home Phone: \_\_\_\_\_

Description	Date	Price	Qty	Amount
Ohio State	Nov. 4	18.00	_____	_____
Please include one check for football and one for basketball				
BB Scrimmage	Nov. 4	2.00	_____	_____
BB vs. Cal	Dec. 16	15.00	_____	_____
Ticket Handling Charge				\$1.50
<b>TOTAL</b>				_____

Direct all correspondence and inquiries to:  
**Athletic Ticket Office**  
U of Minnesota  
Attn: Marc  
4 Oak St. SE  
Minneapolis, MN  
55455-2005

**(612) 624-7308**

#### Ordering Instructions

1. Make checks payable to: **UNIVERSITY OF MINNESOTA**
2. All persons, *regardless of age*, must have a ticket for admission. All sales are final. No refunds or exchanges.
3. Game times are subject to change.
4. For information regarding wheelchair accommodation, call (612) 624-8080.

#### MasterCard- Visa- Discover

Card No.: \_\_\_\_\_

Exp. Date: \_\_\_\_\_ / \_\_\_\_\_ Amount \$ \_\_\_\_\_

Signature: \_\_\_\_\_ Phone: \_\_\_\_\_

All credit card orders must be signed

CN	SPH	Date/By	Amount	CA CK VI

All orders must be received 10 working days prior to the game



UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

# Report

## National President

### Family Affair

Thirty years ago, as family legend goes, I was my husband-to-be's third-round draft choice when he chose student counselors for what was then known as Freshman Camp.

We were married four years later. And this fall, as our younger son, Kirk, begins his freshman year at the University, I start my term as national president of the University of Minnesota Alumni Association (UMAA).



Linda Mona, '67

Several months ago a Twin Cities *Star Tribune* reporter asked Kirk why he had chosen the University of Minnesota from all the colleges and universities in the United States. He replied, "My mom and dad went there, and they're doing all right."

In a photograph that accompanied the subsequent feature story, Kirk was wearing a University of Minnesota sweatshirt, and his older

brother, Erik, was wearing a Coffman Union T-shirt—without any prompting from their parents.

The story's heavy University of Minnesota emphasis was no surprise to people who know us well, since it would be hard to recall a week in the past three decades that we didn't attend some kind of University of Minnesota event.

That pace is accelerating these days. As UMAA president, I already have 39 University meetings scheduled between now and December 31—and that doesn't include twentysome women's and men's athletics events.

If heavy involvement with the University is a prerequisite for this position, then it is the part of the job for which I may be most qualified.

I entered the University in 1963 intent on becoming a home economics teacher. My decision was aided by research that showed Minnesota's program to be among the top three in the nation.

In addition to a first-class education, the University afforded me numerous volunteer opportunities. Student government, Forestry Day, Welcome Week, dorm government, Home Ec board, and a number of other activities filled the hours outside

of class. My minor in physical education channeled my love of sports in the absence of a women's intercollegiate athletics department.

That love of sports has grown over the years. In 1968 I went to the Olympic Games in Mexico City with my husband, Dave, who was covering basketball for United Press International. When we got to the basketball venue we learned that the only statistics available were a game-ending summary consisting of each player's last name and total points scored. He handed me a notebook and told me to keep track of turnovers, assists, and rebounds. With that experience, I was able to integrate the press row at Gopher basketball games several years before the appearance of female sportswriters.

In the past year I've combined my involvement with the UMAA with a number of other University activities, including serving on the board of the Goldstein Gallery, on the College of Human Ecology honors and recognition committee, on the East-cliff Legacy Fund, and on the 1995 NCAA Women's Basketball Final Four and Women's Athletics Advisory Council.

This is an outstanding time to be active in the alumni association. Under the leadership of Larry Laukka, last year's UMAA national president, we have overcome enormous odds and are ready to build the much-awaited University Gateway alumni center on campus.

In future columns I will talk about our progress toward the ambitious goals we have set for the coming year. In order to accomplish these goals, we will need the help and participation of an involved and active membership. Getting involved with the UMAA has never been easier or more important. I look forward to working with you in the coming year.

**"My  
mom  
and dad  
went  
there,  
and  
they're  
doing  
all right."**





## A Capital Effort

- Recruiting more than 2,200 members.
- Naming captains in 38 legislative districts.
- Mailing more than 3,000 postcards to the governor of Minnesota.
- Making hundreds of calls to Minnesota state legislators.
- Arranging campus visits for legislators.

These are just some of the ways University of Minnesota Alumni Association Legislative Network volunteers made their concerns about state funding for the University heard at the Capitol during the 1995 legislative session.

Did their efforts make a difference? The University was allocated nearly \$969 million from the legislature—\$45 million more than the University received in the previous biennium and slightly more than Governor Arne Carlson had originally recommended.

But Legislative Network volunteers aren't resting on their laurels. During the coming year, they will continue to invite legislators to campus and to recruit network volunteers and district captains. If you are interested in joining the Legislative Network, call 800-UM-ALUMS.

## Regent Candidate Forum a Success

About 50 people attended the first Regent Candidate Forum, sponsored by the University of Minnesota Alumni Association (UMAA) last spring to give legislators and alumni an opportunity to meet and talk with candidates for the University's Board of Regents.

The candidates were selected by the Regent Candidate Advisory Council, a group of citizens appointed by the House and Senate leadership to identify, recruit, and recommend candidates to the Minnesota Legislature, which then decides who will serve on the University's governing body.

Historically, the candidates have met individually with legislators and other interested groups. The UMAA saw an additional opportunity: a forum that would bring the candidates together and perhaps give alumni and state leaders a better perspective on their qualifications and philosophical differences.

Before the forum began, candidates had a chance to visit informally with legislators and alumni. Then each was invited to answer one of four questions posed in advance. Audience members also were invited to ask questions.

"The candidates spoke to issues and provided new information for the people who were there," says Jim Day, a higher education management consultant who is working with the UMAA on its advocacy efforts. "It also

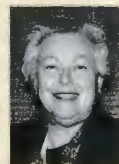
## SPEAK OUT

We asked UMAA National Board members how they feel about the University's raising tuition and if there are alternatives.



**Joe Gibilisco, '51 D.D.S., geographical member (Rochester)**

The University does not do a good job informing the public about [tuition] increases. Maybe it would be easier to accept increases if our tuition costs were compared publicly to other large universities so we could see where we stand. The U should secure more funds from [private] industries rather than the state. Endorse partnerships with corporate research and funding. If we do research for [corporations], they should compensate us.



**Kati Sasseville, '73 J.D., geographical member (Fergus Falls)**

As difficult as it is to afford the increases, it's still worth it for the students. They are guaranteed lifelong earning power. It's not realistic to expect no tuition increases. Costs are going up, and the legislature is simply not providing sufficient money for education. The alternatives are greater legislative support and commercialization of some traditionally free public services at the University.

was an opportunity to applaud the candidates' willingness to serve the University and to recognize the UMAA's effort to contribute to a strong governance process."

Day adds that the Regent Candidate Forum supports the UMAA's commitment to a regent selection process that is concerned not with partisanship but with finding qualified and experienced leaders.

## Board Briefs

The University of Minnesota Alumni Association (UMAA) June National Board meeting featured year-end reports from the association's six volunteer committees: Finance, Gateway, Legislative Affairs, Marketing and Membership, Outreach, and University Issues. Highlights include:

■ University Issues Committee chair Ann Huntrods, '81, reported that Board of Regents chair Jean Keffeler asked the UMAA for input on the new conflict of interest policy for the University's regents. UMAA members also began attending regents' meetings. "We don't have any agenda other than [ensuring] the good governance of the University, enhancing the student experience, and demonstrating that we won't rely only on newspapers for our information," said Huntrods.

■ The UMAA communicated with University alumni almost 500,000 times through direct mail over the past twelve months, said Marketing and Membership Committee chair John Bergstrom, '85. For the first time, the association offered a free year of membership, including \$5,000 of life insurance, to new graduates.

■ Mel George, vice president for institutional relations, spoke to board members. "We had the finest appropriation from the state that we've had in years, and that simply would not have happened without [alumni] support," said George.

■ Outgoing National Board president Larry Laukka, '58, reported on the association's progress toward building an alumni and visitor center. The proposed site for the center is Oak Street and Washington Avenue on the East Bank. The Minnesota Medical Foundation has joined the UMAA and the University of Minnesota Foundation as a primary tenant. "I am confident that we are going to be part of a major facility—a true front door—on this campus," concluded Laukka.

In his farewell remarks to the board, Laukka said, "The only reason the UMAA exists, I believe, is to help this University grow. It is important to reach out to alumni and reconnect people to the University. If each one of you will do that once or twice next year, it will make an incredible difference—to the association and to the University."



## A Perfect Pair

It's a perfect mentor match: A high school valedictorian and aspiring food scientist originally from Mexico is paired with a working food scientist and self-described "college junkie" from the Dominican Republic.

"We relate on a lot of levels," says Innael Miranda, an incoming freshman from Chicago, of his mentor, Juan Gonzales, a research and product development scientist for Pillsbury Company.

The pair shares "a common bond in the Latino culture and in the way we look at family, friends, and relationships," says Gonzales. "When Innael talks about his family, I know exactly what he means because I feel the same things for my family."

The two were matched through the University of Minnesota



Innael Miranda, left, with his mentor, Juan Gonzales

Alumni Association's mentor program with the Chicano-Latino Learning Resource Center. Almost a thousand mentor matches were made in the past year through alumni association programs.

Miranda, whose family moved to the United States from Mexico several years ago, says he is pleased to have been matched with Gonzales. "He'll help me out a lot during my college years and even beyond," he says. "We have a lot of discussions about college life and adjusting to being away from home."

"I see a lot of potential in Innael from the way he is approaching college and his future," says Gonzales. "He sees himself as being someone and helping society. My role is to be there to help him if he gets stuck. In that way, I'm helping society, too."

Gonzales, who earned an M.B.A. from the University in 1994 to go with his three other college degrees, considers his father to have been his most important mentor. A university professor in the Dominican Republic, Gonzales's father allowed his son to be independent and open-minded. He encouraged Juan to ask questions and offered "plain, honest advice" rather than pushing him in specific directions. Now, Gonzales encourages Miranda to ask him questions.

Call UMAA mentor program director Gianna Bari at 800-UM-ALUMS for more information on how you can get involved.

## My Dinner with Alumni

Alumni are often asked to serve on search committees charged with recommending candidates to fill key positions at the University. During the search for a director for the Department of Men's Intercollegiate Athletics, alumni were asked to play a slightly different role.

Search committee members asked the University of Minnesota Alumni Association (UMAA) and the M Club to organize dinners for small groups of alumni to meet and help evaluate the final four candidates.

"The search committee felt that all the stakeholders should be included in the process and asked for their input," says Vicky Courtney, University Senate executive assistant and search committee member. "We were very pleased with the participation of the alumni. Their evaluation was very helpful."

The four dinners were hosted by Larry Laukka, '58, 1994-95 UMAA national president, and Hokan Almstrom, M Club president. UMAA National Board member Tom Moe, '60, '63, attended three of the dinners. "I appreciated the opportunity to participate in this process because I am very interested in the University of Minnesota, specifically athletics," says Moe. Moe believes that if the candidates' work experiences are fairly equal, the deciding factor should be the ability to develop good working relationships. "An athletic director needs to have credibility in the community and be effective in marshaling community support, whether it be through fund-raising or something else," he says.

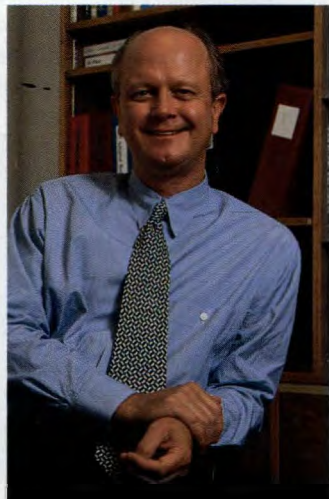


Rah rah rah, ski-u-mah!  
Sing the Rouser, eat a hot dog, win a prize, and have a gopher tattooed on your smiling face—then cheer the Gophers on to victory against Northwestern University. Don't miss the fun at the annual Homecoming pep rally sponsored by the University of Minnesota Alumni Association. Goldy Gopher will be there, along with the Alumni and Marching Bands, alumni and Gopher cheerleaders, the University Men's Chorus, and Homecoming royalty. Festivities run from 3:30 to 5:30 p.m. on October 14 at Gate D outside the Hubert H. Humphrey Metrodome. Rain or shine!

# The Society Page

## Meet the Volunteers: Neal Holtan

Neal Holtan, '78 M.P.H., is an internist with Ramsey Clinic and works half time as acting director of the St. Paul Department of Public Health. Holtan has volunteered with the UMAA for two years and currently is president of the School of Public Health Alumni Society (SPHAS) Board of Directors.



Neal Holtan

**You went back to school to get a master's degree in public health after you were a practicing internist. Why?**

I was trained in internal medicine, and I could see that I was intervening far too late, at the end stages of disease. I was more interested in working to prevent disease.

**Are you doing that now?**

Yes. The St. Paul and Minneapolis health departments recently completed a joint infant mortality project. We reviewed the cases of all infants who died in 1993 before their

first birthday and recommended a long list of changes—in our system, in parents' behavior, in health care providers' behavior—to possibly prevent these deaths. We're also working on immunization, family planning, and preventing sexually transmitted diseases and HIV.

**How did you get involved with the SPHAS?**

A faculty member in the School of Public Health used practitioners and alumni to comment on student projects for a class. I did that with Judy Beniak, '82 M.P.H., who is a former [SPHAS] board president, and she recruited me to be on the board.

**Why did you agree to participate?**

I thought the School of Public Health might benefit from having input from community members. Also, the University needs to start building loyalty in its alumni and we all can participate in that effort. We don't know what a treasure we have here. If people don't support this University, it won't thrive.

**You've said that you want diversity to be a theme throughout society activities. Why is that important?**

Obviously, public health means serving the public—and that means each and every person. If programs are not sensitive to community needs, cultures, norms, and standards, they won't be successful. Public health, perhaps more than any other discipline, needs to be aware of cultural diversity to perform its duties.

**How have people been excluded?**

Sometimes [people of color] feel that they're guinea pigs who are being studied and no benefit ever comes to them. Having a diverse student body, faculty, and alumni board helps to send the opposite message: We're not here to study you or experiment on you. We are part of you.

## Around Campus

### A FASHIONABLE EVENT

The Human Ecology Alumni Association cosponsored a reception following the Clothing Design Club's nineteenth annual fashion exhibition. Held at the Minneapolis Convention Center, the event showcased original designs by thirteen seniors who graduated this year from the College of Human Ecology. Isa Freeman, a native of Ethiopia, was one of the featured designers. "Clothing is an expression of who we are, an extension of our very being. My designs are inspired by the Sierra Leone culture," says Freeman, whose work is shown at right.



Isa Freeman's designs

### UP IN THE AIR

Board members from the Institute of Technology Alumni Society served on the planning committee for this year's IT Week, which recognized the 50th anniversary of the end of World War II. Exhibits featured University alumni and faculty contributions to the restoration of peace and to the numerous scientific and technological achievements that have occurred since the war ended. Highlights included a reunion for people who attended the University from 1941 through 1945. Almost 300 alumni and guests attended; the majority were former members of the Navy V-12 and Naval ROTC programs. The Southern Minnesota Wing of the Confederate Air Force participated in the event with a commemorative campus flyover by a restored North American B-25 medium bomber.

## Alumni Society Fact File

- The University of Minnesota Alumni Association supports seventeen alumni societies representing schools and colleges on the Twin Cities campus.
- In 1994-95, society-sponsored events drew 16,230 alumni and friends, up from 9,829 in 1993-94.
- Membership in alumni societies increased 22 percent from 1994 to 1995.
- About 400 College of Liberal Arts alumni and friends attended the first annual West Bank Arts Festival last spring.
- The School of Public Health Alumni Society (SPHAS) published and distributed 6,000 alumni directories celebrating the 50th anniversary of the School of Public Health.
- The College of Pharmacy Alumni Society sponsored two board exam review sessions for graduating students. About 60 students attended these sessions, held in January and June.
- The College of Veterinary Medicine and Friends Society annual senior reception last spring was attended by 175 graduates and their families.



# Chapter and Verse

## Meet the Volunteers: Marj Immer

For thirteen years, Marj Immer has served as secretary of the Washington, D.C., Chapter of the University of Minnesota Alumni Association.



Marj Immer

"I guess they don't have any bylaws that limit the term of secretary," Immer says with a laugh. She remembers when the former chapter secretary called her in 1982 to ask if she would like to be an officer. "I told him I hadn't been attending many of the meetings. He said I would now."

He was right. Immer has attended countless meetings during the past thirteen years—and planned many as well. Thanks to her efforts, University alumni living in the Washington area have been treated to meetings with interesting speakers (fellow alumni Norman

Ornstein, '67, a resident scholar at the American Enterprise Institute for Public Policy Research, and Orville Freeman, '46, U.S. secretary of agriculture in the John F. Kennedy administration) at intriguing locations (the Smithsonian Institution, the Democratic Club, the Botanical Gardens, Kennedy Center, foreign embassies).

"Trying to promote the chapter and keep alums interested in [its events] is always a challenge," says Immer, who currently is concerned with attracting more young members.

The chapter now has approximately 400 dues-paying members among the more than 4,000 University alumni in the area. Immer recites these numbers readily because she spends a lot of time updating chapter lists. "I search through the papers all the time, reading the notices on people," she explains. "If I see a University of Minnesota connection, I pass that name along."

Immer, who graduated from the University with a business degree in 1949, has lived in the Washington, D.C., area since she moved there in 1952 with her husband, John Immer, a former professor at the University of Minnesota. "I married one of my teachers," she says. "He taught industrial management."

It wasn't until Immer had graduated and was working as a placement director in the business school, however, that she began seeing Professor Immer socially. The following year, he was offered a fellowship to study at Oxford, England. She went with him and they were married there. They came back to the States in 1952 when he accepted a position with American University in Washington, D.C.

"American University was very different from the University of Minnesota," says Immer. "The learning atmosphere just wasn't the same."

He left American University after a year, and the Immers started a consulting business together. They also began to attend Uni-

versity of Minnesota alumni events.

Though she has been away from Minnesota for more than 40 years, Immer finds she still has ties to the University. "I've met so many people through the years at chapter meetings," she says. "We will be talking and I'll discover that they know someone I know. It's fun."

Reconnecting is the biggest reason to join an alumni chapter, she says.

"Right away after you graduate," she explains, "you get busy with your life and you don't really think about it. But you come to realize that you have ties to the University and those ties last forever, and that's important."

Now semiretired and a part-time office manager at a psychiatric office, Immer is modest about her contributions to the success of the Washington, D.C., Chapter. "I don't think I've done too much out of the ordinary," she says. "I guess you could say I needle very well. I'm always asking why, why, why."

## On the Road

### COWS ON THE CONCOURSE

"An informal celebration of pride and cows" was the teaser for a recent gathering of University alumni in Madison, Wisconsin. Alumni were invited by the Madison Chapter, the College of Agriculture Alumni Society, and the University of Minnesota Gopher Dairy Club to the Wisconsin Dairy Council Showcase at the Madison Farmers Market, where they enjoyed the festivities, the coffee and pastries, the camaraderie, and, of course, the cows.

### TURNING RICE INTO SCHOLARSHIPS

The Detroit Area University of Minnesota Women's Club worked its magic again this year. Club members sold Minnesota wild rice to individuals, markets, and restaurants in the Detroit area, raising \$4,500 for scholarships at the University of Minnesota. Their donation was given in memory of Ethel Malmstrom, a member of the club from 1924 until her death in 1995. In the past thirteen years, the club has turned 37,287 pounds of wild rice into \$54,000 worth of scholarships.

### PUMPING UP

When University President Nils Hasselmo visited the San Francisco area this summer, more than 130 alumni came out to greet him. And, as a result, a group of them volunteered to start a Bay Area chapter. Also adding muscle to the UMAA are new chapters in San Diego and Willmar, Minnesota.

## Overheard

"Alumni and cows—it just seemed like a natural link."

—Scott Chesney, president of the Madison Chapter

If you would like information on University of Minnesota Alumni Association chapters or societies, please call us at 800-UM-ALUMS.

# Executive Director

## A Decade of Progress

During 1995 both Jean Marie Hamilton, director of communications and editor of *Minnesota*, and I marked our tenth anniversaries with the alumni association. To celebrate, we have highlighted some of the progress of the association as it has worked to be a better partner both to our alumni and to the University.



Margaret Sughrue Carlson,  
'83 Ph.D.

Our list does not do justice to the myriad achievements in each year, but it does showcase the breadth of our efforts to enhance the educational experience at the University and to help build spirit and community.

Our thanks to national volunteer presidents who have led the association over these years: Larry Lauka, Janie Mayeron, Mike Unger, John French, Sue Bennett, Steve Goldstein, Chip Glaser, Fred Friswold, Harvey Mackay, and Penny Winton. They have given of their

personal time and energy and have truly made a difference at their alma mater.

We thank those of you who are members of the UMAA for connecting with your alma mater through the association. For those of you who are not members and are receiving this complimentary Fall Preview Issue of *Minnesota*, I ask that you join the association. Our goal is to have 50,000 members by the year 2000. This goal is not about numbers, however—it's about building an army of graduates who will step to the line to see that the University of Minnesota continues to be one of the nation's premier educational institutions in the 21st century.

### 1994-95

- Endorsed U's campus master planning effort and site at Oak and Washington for a new alumni/visitor center.
- Increased legislative network to 2,200 alumni and mentoring program to 2,400 alumni and students.
- Established Maroon and Gold Casual Fridays on campus.

### 1993-94

- Developed UMAA five-year strategic plan in coordination with University U2000.
- Used endowments to establish freshman leadership scholarships based on need and merit.
- Continued expansion of chapter program in cities across Minnesota and the nation.
- Initiated the UMAA credit card program and Internet access for alumni.
- Began *UConnect*, an insert in *Update*, which is sent to 300,000 alumni households.

### 1992-93

- Used endowments to strengthen legislative and mentoring programs; established an alumni recruiting program.
- Cosponsored Memorial Stadium commemoration ceremony; sponsored brick sale for scholarships.

### 1991-92

- Garrison Keillor's UMAA annual meeting message—"the glories of this state"—adopted as U's public relations campaign.
- Published first University diversity report in *Minnesota*.

### 1990-91

- Initiated *Minnesota* Fall Preview Issue, sent to 150,000 alumni households; renewed advertising program.
- Established August Wilson Scholarship endowment.

### 1989-90

- Took policy positions on athletics, athletic facilities, freedom of speech, diversity.
- Changed UMAA governance structure; reaffirmed emphasis on service to collegiate alumni societies.
- Distributed a UMAA-produced University recruitment film.

### 1988-89

- Sponsored "Just One U" Homecoming to celebrate culmination of the \$350 million capital campaign.

### 1987-88

- Committed to help fund the expanded Morse-Alumni Teaching Award when Amoco discontinued funding.
- Assisted the University through the transition of President Kenneth Keller's resignation.
- Lobbied for the passage of legislation to establish the Regent Candidate Advisory Council.

### 1986-87

- Revitalized the Alumni Legislative Network.
- Completed alumni poll on athletics and academic standards; began studying the student experience and how to improve it.
- Hosted 5,000 fans at a Liberty Bowl pepfest in Memphis.

### 1985-86

- Appointed Blue Ribbon Committee to make recommendations on changes in the regent selection process.
- Placed award-winning "Some of Our Graduates" ads in local and regional publications.
- Revitalized UMAA annual meeting as a major all-campus celebration, bringing noted speakers to campus.



# The Minnesota Lamp

Sirrica, LTD. is proud to announce the availability of the University of Minnesota Lamp.

The distinctive University of Minnesota Seal is vividly re-created in gold on the black parchment shade. This classic desk lamp is hand-polished and hand-assembled of the finest solid brass and features a solid black marble base and centerpiece. Indeed, the lamp makes an impressive statement of quality about the owner.

You can also have your lamp personalized with an engraved brass plate affixed to the marble base. The University of Minnesota Lamp is a tremendous value as you are able to purchase direct from Sirrica, Ltd.

Of course, you must be completely satisfied with the quality of your lamp or you may return it within fifteen days for exchange or refund.

Whether selected for your personal use or as an expressive, thoughtful gift, the University of Minnesota Lamp is certain to command attention.

**For faster service, credit card orders may be placed by dialing toll free  
1-800-346-2884.  
All callers should request to speak with Operator 857M.**

**NOTE: For Christmas delivery, all orders must be telephoned or postmarked by December 10.**

**Symbolizing a tradition of excellence for the home or office.  
Solid Marble; Ht. 22"; Wt. 8 Lbs.; Solid Brass**

## REPLY FORM

## UNIVERSITY OF MINNESOTA LAMP

Please accept my order for the following University of Minnesota Lamp(s)

\_\_\_\_\_ University of Minnesota Lamp(s) @ \$159.00 each.  
(Include \$8.00 for insured shipping & handling charges.)

QUANTITY \_\_\_\_\_ I wish to have my lamp personalized @ \$20.00.

PERSONALIZED \_\_\_\_\_

Full Name \_\_\_\_\_ Year of Graduation \_\_\_\_\_ Degree \_\_\_\_\_

\*On shipments to North Carolina, add 6% sales tax.  
I wish to pay for my lamp(s) as follows:

By a single remittance of \$ \_\_\_\_\_ made payable to Sirrica, LTD., which I enclose

By charging the amount of \$ \_\_\_\_\_ to my credit card indicated below:

Full Account Number: \_\_\_\_\_ Expiration: \_\_\_\_\_

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Month \_\_\_\_\_ Year \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

TELEPHONE: ( \_\_\_\_\_ ) \_\_\_\_\_

**MAIL ORDERS TO:**  
**SIRRICA, LTD.**  
**P.O. Box 3345**  
**Wilson, NC 27895**

**CREDIT CARD PURCHASERS MAY  
CALL TOLL FREE 1-800-346-2884**

Please allow 4-6 weeks for shipment. All Callers should ask for Operator 857M.

PLEASE PRINT PURCHASER'S NAME CLEARLY. IF "SHIP TO" ADDRESS IS DIFFERENT, PLEASE ATTACH SHIPPING ADDRESS TO ORDER FORM.

NAME \_\_\_\_\_

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_


Dumville

A degree from the U of M could not only change your life,  
it could also change your name.

Dr. Randall J. Hughes  
Chief of Surgery  
Department of Cardiovascular  
and Thoracic Surgery



CENTRAL HOSPITAL

From art to medicine, the University of Minnesota helps students of all ages find opportunities to shape their future. That's one reason Target is proud to continue its support of the University.  **TARGET**

UNIVERSITY OF MINNESOTA

ALUMNI ASSOCIATION

501 Coffman Memorial Union

300 Washington Avenue SE

Minneapolis, MN 55455-0396



## Home improvements. To the Nth degree.

You've got plans. Ambitious plans. Time for a home equity loan from Norwest. Competitive rates. Tax deductible interest. No closing costs. And you can start your application over the phone, 24 hours a day. Just dial N-O-R-W-E-S-T (667-9378). TDD users call 291-4718. Use the money for whatever your heart or home desires. It's one more way we go to the Nth degree. Home Equity Loans.



To The Nth Degree™


© 1994 Bank Minnesota, N.A. Member FDIC. Two Cities only. Contact your tax advisor regarding interest deductibility. Certain Offer  
to new must be \$10,000 or more on refinancings \$10,000 or more is subject to the second mortgage  
must be used for home improvements. Funds must be used for the purchase, repair, or improvement of a primary residence. Funds cannot be used for other purposes. See your local Norwest branch for details.





# MINNESOTA

NOVEMBER • DECEMBER 1995 \$2.00



**On Sunday morning, February 26, seven-year-old Ryan Pitt came into the emergency room with meningitis. The bacteria had jumped the West High School fire wall. It was a full-scale community crisis. The Mankato war had escalated.**

---



## A wing and no prayer.

To keep up with the accelerating pace of change, organizations are being forced to reshape themselves.

But unless improvements impact all areas of the enterprise, the race may be over before it starts.

So instead of focusing on just one

part of an organization, Andersen Consulting can help you transform the whole. And rather than merely recommending how the components should fit together, we'll work with you to help make sure that they do.

Because these days, organizations

that don't transform are likely to end up in the soup.

**ANDERSEN  
CONSULTING**  
ARTHUR ANDERSEN & CO., S.C.

# MINNESOTA

UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

## FEATURES

**The Reformation According to Bill Brody** .....20  
 Provost Bill Brody talks about picking up the pieces at the University's Academic Health Center and providing world-class research and education and high-level treatment in a managed-care market.  
*By Joe Moriarity*

**Mankato Strikes Back** .....24  
 For six frantic weeks last winter, local and state health care professionals—many of them trained at the University of Minnesota—banded together to fight an outbreak of bacterial meningitis in Mankato, Minnesota. Their quick response helped combat one of the most feared public health emergencies.  
*By Peter J. Kizilos*

**He Can Dish It Out, But Will America Take It?** .....32  
 Broadcasting has been the Hubbard family avocation since the Old Man founded the nation's first commercial radio station in 1923. Today his son Stanley S. Hubbard, '55, focuses on the next wave—direct broadcast satellite—while his grandchildren take the helm at Hubbard-owned TV and radio stations.  
*By Karen Boros*

**The Forbes Nine** .....36  
*Forbes* magazine's listing of America's 800 biggest public companies and their chief executive officers included nine University alumni. Seven of them talk about what it takes to make it to the top.  
*By Vicki Stavig*

**Woman Warrior** .....42  
 Determined since age ten to be a lawyer, Jonny Lee BearCub Stiffarm, '90, has used her law degree to fight for justice for Native American people throughout the western United States.  
*By Cathy Madison*

## COLUMNS

**SPORTS: The Coaching of Champions** .....50  
 Formerly assistant coach for the top-rated gymnastics team at the University of Utah, Jim Stephenson came to Minnesota as women's head coach because the possibility of success seemed high.  
*By Karen Roach*

## DEPARTMENTS

In Focus .....10	Classifieds.....52
Contributors.....12	University of Minnesota Alumni Association Report...53
Campus Digest .....14	National President.....53
In Brief.....18	Executive Director.....58
Class Notes.....48	



Page 32



Page 36

COVER: Photograph by Dan Vogel



UNIVERSITY OF MINNESOTA  
ALUMNI ASSOCIATION

**COLLEGIATE ALUMNI SOCIETIES**  
Agricultural, Food, and Environmental Sciences; Allied Health (Nurse Anesthetists, Medical Technology, Mortuary Science, Occupational Therapy, Physical Therapy); Architecture and Landscape Architecture; Biological Sciences; Dentistry (Dental Hygiene); Education and Human Development; Human Ecology; Liberal Arts and University College (Band and Journalism and Mass Communication); Carlson School of Management; Medical; Natural Resources; Nursing; Pharmacy; Hubert H. Humphrey Institute of Public Affairs; Public Health; Institute of Technology; Veterinary Medicine

**CHAPTERS**

Atlanta, Austin (Texas), Boston, Charlotte, Chicago, Cincinnati, Columbus, Dallas, Dayton, Denver, Des Moines, Detroit, Houston, Kansas City, Los Angeles, Madison, Milwaukee, Naples/Ft. Myers, New York City, Omaha, Philadelphia, Phoenix, Portland, Puget Sound, Raleigh/Durham, San Antonio, San Diego, San Francisco, Spokane, St. Louis, Sun Cities (Arizona), Suncoast (St. Petersburg/Clearwater/Tampa), Tucson/Green Valley, Washington, D.C.

**Minnesota**

Austin/Albert Lea, Bemidji, Brainerd, Brown-Nicollet (New Ulm, Sleepy Eye), Fargo/Moorhead, Fergus Falls, Grand Rapids, Lincoln-Lyon (Marshall), Mankato, Martin County (Fairmont, Blue Earth), Red Wing, Redwood Falls, Rice-Steele (Northfield, Owatonna, Faribault), Rochester, St. Cloud, Wadena, Willmar, Wright County (Buffalo, Annandale)

**Making the University of Minnesota Connection**

Membership is open to all past and present students, faculty, staff, and other friends of the University of Minnesota. Annual dues are \$30 single and \$40 dual. Longer term and life memberships are also available. To renew your membership, for change of address notification, or for more information on member benefits, services, and programs, call, write, or fax:

University of Minnesota  
Alumni Association  
501 Coffman Memorial Union  
300 Washington Avenue SE  
Minneapolis, MN 55455-0396  
800-UM-ALUMS (862-5867),  
612-624-2323 Fax: 612-626-8167

- ISRAEL E. KRAWETZ '38
- LEONARD E. LINDQUIST '39
- ROBERT J. SHERAN '39
- NORMAN L. NEWHALL '40
- LAURESS V. ACKMAN '45
- EDWARD M. GLENNON '48
- GERALD E. MAGNUSON '54
- WILLIAM E. FOX '55
- MELVIN I. ORENSTEIN '55
- RICHARD J. FITZGERALD '59
- EUGENE KEATING '59
- JERROLD F. BERGFALK '59
- ROBERT V. ATMORE '63
- JOHN H. STROTHMAN '64
- DAVID G. NEWHALL '66
- KURTIS A. GREENLEY '67
- PATRICK DELANEY '67
- ROBERT J. HENNESSEY '68
- GARY D. McDOWELL '68
- BERT J. MCKASY '68
- ROBERT G. MITCHELL, JR. '68
- THOMAS D. CARLSON '69
- LAURANCE R. WALDOCH '69
- THOMAS H. GARRETT III '70
- DAVID J. DAVENPORT '71
- RICHARD IHRIG '73
- J. KEVIN COSTLEY '75
- WILLIAM C. KULHMANN '75
- MICHAEL S. MARGULIES '78
- EDWARD J. WEGERSON '78
- JAMES P. MCCARTHY '79
- DAVID A. ALLGEYER '80
- RICHARD T. OSTLUND '82
- DEBRA K. PAGE '83
- JONATHAN M. BYE '83
- STEVEN M. PINCUS '85
- CHARLES J. LLOYD '86
- WALLACE G. HILKE '86
- RANDY G. GULLICKSON '87
- MARK A. JACOBSON '87
- ROBERT E. TUNHEIM '88
- LAURA L. DALY '89
- MAVIS J. VAN SAMBEEK '89
- ANN K. GROSSMAN '90
- THERESA M. HERZOG '93
- CHRISTOPHER H. YETKA '93
- STEVEN J. QUAM '94
- LOREN R. THACKER '94

More  
University of Minnesota  
Law School  
Alumni than  
one ad can contain

**LINDQUIST & VENNUM**

A Professional Limited Liability Partnership  
4200 IDS CENTER • MINNEAPOLIS, MN 55402 • 612-371-3211

THE AMORY SHOW YEARS  
of  
E. Ambrose Webster

An exhibition of major paintings by this important American Modernist



ROCKS, AZORES, 1913

oil on canvas, 30 1/2 x 40 inches

Color catalogue with essay by Martha Severens, \$12 postpaid

**BABCOCK GALLERIES, ESTABLISHED 1852**

724 FIFTH AVENUE NEW YORK, NEW YORK 10019 212 767-1852  
Jeanne and John Driscoll UNIVERSITY OF MINNESOTA, BAS 1969 & 1971



# { Reserve a page in your book. }

Your check helps keep *more* than our doors open. It helps keep minds open. Maybe you thought that your alumni dues also supported the Library. They don't. That's why we need your help. Any amount is welcome. If you contribute \$100 or more, you can have your name – or a friend's or family member's – inscribed on a special bookplate in one of the University of Minnesota Library's books. You'll also receive a year's complimentary membership in the Friends of the Library. And your gift helps maintain and finance the Library's collections. For more information, contact: Judith Burton, Development Officer, University Library, 499 Wilson Library, 309 19th Ave. S., Minneapolis, MN 55455, 612-624-4520.

## We Salute Our Alumni Lawyers

Sheri A. Ahl  
Bridget M. Ahmann  
Joseph C. Baker  
Ramona L. Baskerville  
David M. Beadie  
John D. Bessler  
John F. Beukema  
Paul T. Birkeland  
Felicia J. Boyd  
Lawrence C. Brown  
William R. Busch, Jr.  
David B. Clark  
G. Alan Cunningham  
Jeff H. Eckland  
Hubert V. Forcier  
Richard A. Forschler  
John D. French  
Gary L. Gandrud  
Philip S. Garon  
Ronald M. Goldberg  
David J. F. Gross  
Philip J. Haleen  
Peter C. Halls  
Paul W. Heiring

Richard A. Helde  
Susan L. Jacobson  
Sally A. Johnson  
Scott W. Johnson  
Bruce Jones  
Randall E. Kahnke  
Julianne J. Knox Chosy  
Fred W. Krahrmer  
Jacqueline A. Layton  
Calvin L. Litsey  
Thomas M. Mayerle  
Gale R. Mellum  
Sylvia M. Menendez  
Jennifer R. Mewaldt  
Paul S. Moe  
R. Carl Moy  
Michael E. Murphy  
Richard A. Nelson  
Timothy M. O'Brien  
James A. O'Neal  
Michael A. Ponto  
Joseph M. Price  
Paul C. Rachie  
Brendan W. Randall

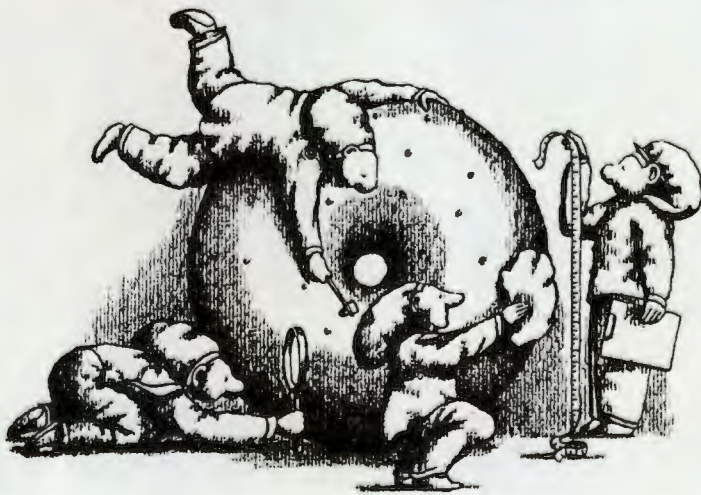
Timothy C. Rank  
Wayne J. Rice  
Kent E. Richey  
William L. Roberts  
Stephen Rosholt  
Samuel Rosenstein  
Richard Y. Sako  
Kathleen H. Sanberg  
Mark D. Savin  
Bradley J. Schlichting  
Pamela S. Schmidt  
James B. Sheehy  
Sonia A. Shewchuk  
John K. Steffen  
Mary E. Stumo  
Elizabeth L. Taylor  
Emad Timawi  
Matthew L. Thompson  
Jason D. Topp  
Charles F. Webber  
John R. Wheaton  
Wendy J. Wildung  
Peter J. Withoff  
Marit Westman Zosel

## FAEGRE & BENSON

PROFESSIONAL LIMITED LIABILITY PARTNERSHIP  
2200 NORWEST CENTER, 90 SOUTH SEVENTH STREET  
MINNEAPOLIS, MINNESOTA 55402-3901  
TELEPHONE 612-336-3000  
FACSIMILE 612-336-3026

Minneapolis Denver Des Moines Washington, D.C. London Frankfurt Almaty

VAN GOGH PAINTED.  
SHAKESPEARE WROTE.  
WE BAKE BAGELS.



*Fresh*  
**BRUEGGER'S BAGEL BAKERY®**

TOTALLY COMPLETELY OBSESSED WITH FRESHNESS™

21 Neighborhood Locations.

## MINNESOTA

THE MAGAZINE OF THE UNIVERSITY  
OF MINNESOTA ALUMNI ASSOCIATION

### Executive Director

Margaret Sughrue Carlson

### Editor

Jean Marie Hamilton

### Senior Editor

Teresa Scalzo

### Contributing Editor

Vicki Stavig

### Copy Editor

Lynn Marasco

### Production Assistant

Pat Aukema

### Student Assistant

Sara Hauber

### Design

Black Dog Graphics

### Staff Photographer

Charlie Gesell

## ADVERTISING

### Advertising

#### Account Executives

Peggy Duffy Johnson,  
612-626-4886

Molly Conlin, 612-624-8490

#### Advertising Coordinator

Pat Aukema, 626-4856

For advertising rates  
and information,  
call 800-UM-ALUMS  
or 612-624-2323;  
fax 612-626-8167.

Minnesota is published bimonthly  
by the University of Minnesota  
Alumni Association for its members.

Copyright ©1995 by the  
University of Minnesota  
Alumni Association,

501 Coffman Memorial Union,  
300 Washington Avenue SE,  
Minneapolis, MN 55455-0396;  
800-UM-ALUMS (862-5867),  
612-624-2323; fax 612-626-8167.

**BANTA** Publications Group

100 Banta Road  
Long Prairie, MN 56347-1903  
Printed in the United States

*You'll love the way it wears.*

KARASTAN

DETACH COUPON HERE

**GIFT WITH PURCHASE  
UNIVERSITY OF MINNESOTA ALUMNI ONLY**

Purchase a \$1000.00 or more of Karastan carpets or rugs at Dayton's  
and receive a 4'3" x 6' Karastan Chaumière Ivory Lattice Rug.

Name \_\_\_\_\_ Sales Check Number \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_



Rug shown: Chaumière Ivory Lattice Rug

THIS COUPON MUST ACCOMPANY OFFER. OFFER GOOD UNTIL JAN. 13, 1996. LIMIT: ONE COUPON PER HOUSEHOLD.  
NOTE: SALESPERSON SEND COUPON AND COPY OF SALES CHECK TO BUYING OFFICE.

DAYTON'S

## Try This Case.

As an Attorney, your mind has been uniquely trained and disciplined to think logically — examining all possibilities and alternatives. You share this singular ability with some of our successful agents, many of whom were lawyers when they joined us. They came to us because they knew that here was a field wherein their special skills and training could be put to use to allow them to make more money. Best of all, they make it in a self-motivated, self-controlled atmosphere that places no limits on how far they can go.

THE STORMS AGENCY  
Minneapolis, MN  
612/343-2588

THE MCTIGUE AGENCY  
Edina, MN  
612/831-0937

THE HEURUNG AGENCY  
St. Cloud, MN  
612/251-6711

Unlimited opportunity awaits you at

**Northwestern  
Mutual Life®**  
The Quiet Company®

©1995 The Northwestern Mutual Life Insurance Company • Milwaukee 5038-46

## WE MOVE EVERYTHING FROM MICE TO MASTERPIECES



**B**arrett Moving & Storage knows how to move everything that's important to you. Whether we're moving your art galleries priceless works of art or your company's valuable computers, Barrett has the right attitude, and the right equipment, to do the job right. Call Barrett Moving & Storage for your next move.  
(612) 944-6550



**Barrett**  
MASTERS AT THE  
ART OF MOVING



## In Focus

# Shoeless in the Metrodome

He ran left, cut right, went over the top of a fallen teammate, headed straight into a pack of defenders, shook off two hangers-on, and charged in for a touchdown. The crowd erupted. Then, as if in slow-motion replay, a hush fell over the Metrodome as one of his teammates picked up a black-and-white shoe a few feet from where he started and held it up for all to see. Cheers engulfed the stadium.

The game turned on one black-and-white shoe. The will and determination of its owner so fierce he didn't even realize he had lost it. One black "just do it" shoe. A gift to his teammates that said we can do it if we all give 1,000 percent. A gift that said there is no turning back, no starting over, no tomorrow.



Jean Marie Hamilton

Anyone at the Minnesota-Purdue football game who didn't believe that one man with heart and skill can make a difference must have been out for popcorn. Seeing Gopher running back Chris Darkins run to daylight was sheer pleasure—no matter what the outcome of the game, no matter where the turf was laid.

College sports is teaching us some interesting lessons these days. At Northwestern, a team of high academic achievers is proving that smart guys *can* play football and win. At stadiums from Happy Valley, Pennsylvania, to Ames, Iowa, Big Ten teams are showing fans that on any given day any team can win. At Minnesota, Coach Jim Wacker is proving that you can run a clean program and put student athletes first. And players like quarterback Cory Sauter from Hutchinson, Minnesota, left back Justin Conzemius from Fargo, North Dakota, split end Ryan Thelwell from London, Ontario, and tight end Paul Kratochvil from New Prague, Minnesota, have the ability to bring more excitement and enjoyment to fans than all the pro teams on their best days. They have become our hometown team and we want them to succeed, to earn respect.

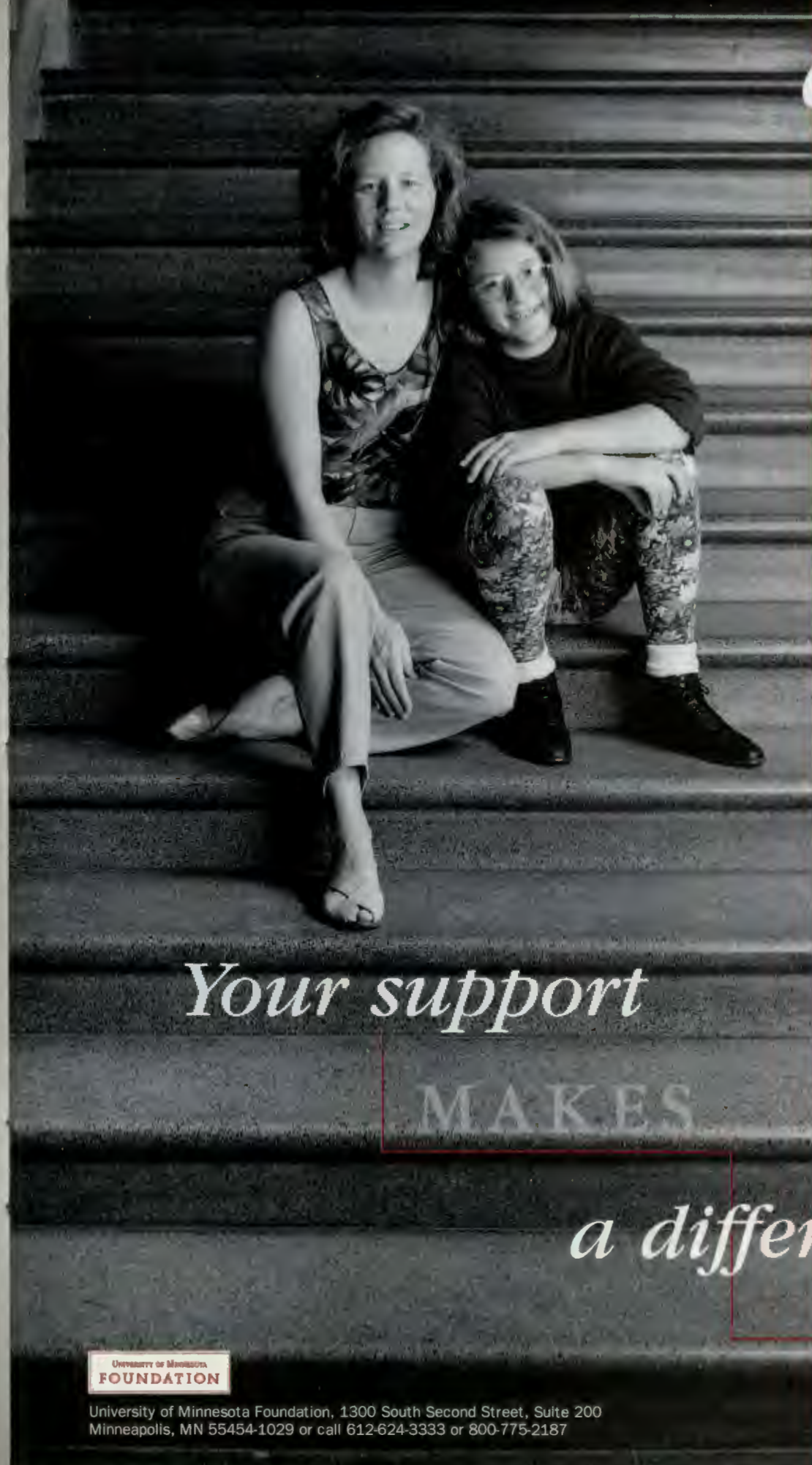
A few days after the Gophers' victory over the Boilermakers, biologist Edward Lewis, who graduated from the University of Minnesota in 1939 with a bachelor of science degree in biostatistics, was awarded the 1995 Nobel Prize in medicine. One of the fathers of developmental biology, Lewis shared the honors with researchers who followed up on his pioneering discovery of how genes control the development of organs during the early growth of an embryo. "I'm overwhelmed," said Lewis when he learned of the prize. "It's very nice but actually what is more exciting than to win prizes is the science—to get these discoveries."

It would have been nice to have heard of Lewis's achievement in the Metrodome before a crowd of cheering alums. Instead, one by one we learned the news as we opened up our daily newspapers. Nothing it seems has the power to rally our spirit like sports. The Gophers beat Purdue 39-38, and Chris Darkins earned 300 yards and a place in the Gopher record books. As Lewis has discovered in his laboratory—and Darkins taught us on the gridiron—the excitement comes in the trying and in the lessons learned.

"I want to bring pride back to Minnesota," Darkins told us when we interviewed him for our September/October cover story. "I want to play out all my cards. Because ten years from now"—if he left the U to turn pro—"I'd be saying, 'What if I had stayed? If I had stayed, we could have won.'" "I think there's something more important about leaving a legacy than just leaving." He already has. One shoe at a time.

—The Editor





*Your support*

MAKES

*a difference*

*a* s a high school student I was told I'd never make it in college. Receiving a Nolte Scholarship was the first indication in my life that I was capable of academic success."

Today Patricia Bungert has been accepted into a Ph.D. program in the College of Natural Resources at the University of Minnesota. With the support and encouragement of her daughter Nicole, Patricia recently finished her undergraduate studies through Continuing Education and Extension. Her major was International Relations with an environmental emphasis.



**Jim Campbell, '64**  
1995-96 Annual Fund Chair  
President and CEO,  
Norwest Bank  
Minnesota, N.A.

Patricia's story is just one of many told by students and faculty at the University of Minnesota who are helped each year through

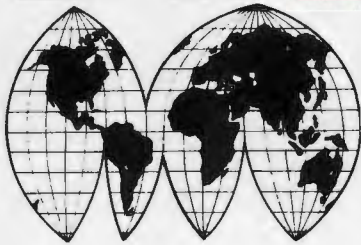
donations from alumni and friends. The Annual Fund drive is a convenient way for you to give. Your gift to the University truly makes a difference — it supports scholarships, facilities and equipment, and special academic programs. You will be contacted by phone or mail soon. Thank you in advance for your contribution.

UNIVERSITY OF MINNESOTA  
**FOUNDATION**

University of Minnesota Foundation, 1300 South Second Street, Suite 200  
Minneapolis, MN 55454-1029 or call 612-624-3333 or 800-775-2187

The **U&you**

You Make the Difference



**UMAA  
GROUP TRAVEL**  
TRAVEL WITH ALUMNI AND FRIENDS

**1996 TOURS**

**Jan. 23-Feb. 3**  
TRANS-PANAMA CANAL

**Feb. 4-17**  
SOUTH AMERICA

**Feb. 15-29**  
AUSTRALIA/NEW ZEALAND

**Feb. 17-Mar. 10**  
AROUND THE WORLD

**Feb. 22-Mar. 2**  
AMONG THE GREAT WHALES

**Mar. 28-Apr. 7**  
MISSISSIPPI RIVER CRUISE

**Mar. 30-Apr. 7**  
ACROSS THE USA VIA TRAIN

**May 16-29**  
MEDITERRANEAN CRUISE

**May 20-28**  
EDUCATIONAL  
SWITZERLAND

**June 17-29**  
RHINE / MOSELLE RIVERS

**July 20-Aug. 2**  
RUSSIA

**July 29-Aug. 10**  
ALASKA

**Aug. 6-22**  
SCANDINAVIA

**Aug. 31-Sept. 8**  
EDUCATIONAL  
GREAT BRITAIN

**September**  
GERMANY STORYBOOK TOUR

**Sept. 26-Oct. 11**  
CHINA/YANGTZE RIVER

**Oct. 24-30**  
LEWIS & CLARK EXPED.

For additional information, contact

**JANE HLADKY**  
UMAA TRAVEL COORDINATOR

501 Coffman Memorial Union  
300 Washington Ave. S.E.  
Minneapolis, MN 55455

(612) 624-2323

UNIVERSITY OF MINNESOTA  
ALUMNI ASSOCIATION



## Contributors

**Karen Boros** spent her formative years trying to compete with a television station owned by Stanley S. Hubbard. From the mid-1970s until the mid-1980s her station, WCCO-TV, was a solid second behind Hubbard's KSTP-TV.

"KS was the hard-charging spot-news station while 'CCO was the more serious station," recalls Ron Handberg, Boros's former boss.

For all of the staff's trouble, WCCO stayed solidly and unmovingly in second place.

KSTP photographer Duane Margeson, now retired, personally trounced WCCO on a regular basis.

"Margeson could smell spot news," says Boros. "He had the mind of a cop and a face that looked like it had been in one fight too many. On the bad days, I would arrive on the scene in time to see Margeson packing up his gear.

"He was always helpful. He would be happy to tell us the body had been hauled away ten minutes ago and the sheriff left right after that. What he was really telling us was that he had it all on tape—the body



Karen Boros

and the interview—and that we were up Shit Creek without a paddle. At least we were familiar with those waters."

WCCO staffers could analyze the human condition, but the viewing public was much more enthralled with the condition of the human being rolled feet first into the medical examiner's van. But it wasn't all blood and gore at KSTP. They also made a competitive game out of covering any breaking story from a legislative vote to storm damage.

"Back then the competition was fun," says Boros. "And competing against Hubbard's KSTP made all of us better players in the news game."

**Peter J. Kizilos** is an award-winning freelance writer and communications consultant. He wrote *Miles to Go Before I Sleep*, a biography of Jackie Pflug, who recovered after being shot in the head during a plane hijacking.



Peter J. Kizilos

**Doug Knutson** recently photographed, for *Sports Illustrated*, Mark Kacmarynski, who plays for Central College and was named Division III Preseason Football Player of the Year. Kacmarynski broke his leg a few weeks after the shoot, "but that didn't help my alma mater, Luther College," says Knutson. "They still got trounced by Central College."



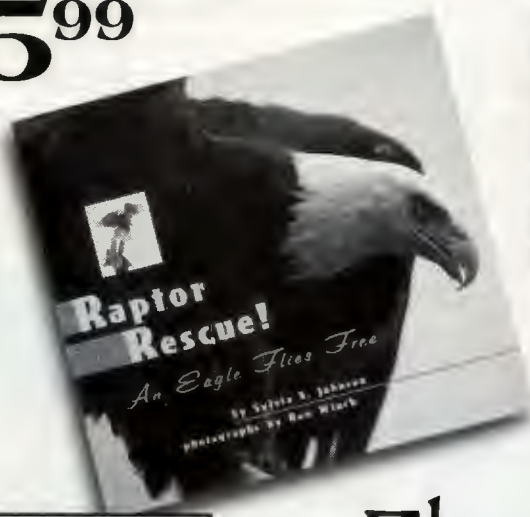
Sanford Schulwolf

**Cathy Madison** cowrote for *Minnesota Monthly* the Minnesota Action Plan to End Gun Violence, which recently won the national Maria Caleel Award, given annually to one magazine for its coverage of the causes and consequences of violence.

**Joe Moriarity** is a Twin Cities freelance writer who specializes in health care, education, and the environment.

**Sanford Schulwolf** lives in San Francisco and specializes in sports photography. "I prefer location stuff to studio work, but I've taken quite a few spills," says Schulwolf, who has fallen in a creek while shooting an Outward Bound excursion, plunged down a hundred-foot embankment, and tumbled off a motorcycle he was riding on backwards while shooting a bike race for *Velo News*, an international biking magazine. "My camera equipment has survived, but I've come away with a few dents," he says.

15<sup>99</sup>



Just released! *Raptor Rescue! An Eagle Flies Free* by Sylvia Johnson and photographed by The Raptor Center volunteer, Ron Winch. The book follows the story of a wild eagle's recovery, from admission, X-ray and surgery through recuperation, flight exercise and return to the wild. All photos taken at our very own Raptor Center. **Item 3A**

Purchase \$50 or more and receive a free 10-minute video about the Raptor Center. See how the human community has bonded together through the Raptor Center to help birds of prey.

# Fly Away

A COLLECTION OF GIFTS FROM THE RAPTOR CENTER featuring the Bald Eagle and recognizing the upgrade from endangered to threatened status.



19<sup>95</sup>

**Return of the Eagle.** This book celebrates the upgrading of the bald eagle from "endangered" to "threatened" and devotes several pages to the role of The Raptor Center in this success story. Illustrated with 100 full-color photographs. **Item 15B**

\$26

Long-sleeve crew neck sweatshirt with The Raptor Center logo. Burgundy, forest green, navy, ash gray or cream. Cotton-polyester. Sizes L-XL-XXL. **Item 17A**



\$18 Each

Can you find nine eagles? Everyone has fun with this T-shirt. Black or khaki. 100% cotton. M-L-XL. **Item 18A (black), 18B (khaki)**



10<sup>99</sup>

**Bald eagle calendar** has a different color photo for each month. **Item 23B**



19<sup>95</sup>

**Eagles escape tape** has music and natural sounds, free of narration. 40 minutes. **Item 22G**



The Raptor Center is a nonprofit organization which rehabilitates injured birds of prey. Proceeds from these holiday gifts help fund programs benefiting birds of prey.

Order your favorite Bald Eagle merchandise by calling The Raptor Center at **1-800-970-8636** or contacting us on the WWW at <http://www.raptor.cvm.umn.edu> Orders received by December 8 should arrive in time for the holidays. Also, request your free copy of our holiday gift catalog.



**Scrimshaw-like ornament.** Has engraving of two bald eagles. Made of resin. Measures 2 1/2". **Item 21A**



**Coffee mug** with bald eagle photograph. **Item 21D**



**Hand-enameled pin** on copper, electroplated with gold by Wm. Spear Design. **Item 20A**



**The Raptor Center**  
at the University of Minnesota  
1920 Fitch Avenue  
St. Paul MN 55108

# Campus Digest

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

BY TERESA SCALZO AND SARA HAUBER

## Editors' Picks

The Weisman Art Museum presents a look at Christmas decorating traditions in *Deck the Halls*, an exhibit opening November 20 that features the work of photographers Christina Patoski and Roger Mertin, who have spent several decades documenting holiday displays that range from beautiful to bizarre. The exhibit runs through March 3, 1996. Call 612-625-9494 for information.



## Access for the Asking

The information superhighway is winding its way through greater Minnesota. Access Minnesota, a project coordinated by the University through the Minnesota Extension Service (MES), provides 60 Minnesota communities with access to the Internet through public information terminals located in county extension offices. All members of the newly connected communities are invited to experiment with the Internet at no charge during office hours. Browsers can call up university research results, government and business development information, library catalogs, health care information, and on-line periodicals.



"The purpose of Access Minnesota is not just to provide people with access to the Internet," says Bill Bomash, associate professor and MES extension educator. "The thrust of the project is to act as a catalyst to get people interested in and informed about the information superhighway." A key component of the project involves a community education program that stresses the relationship between

telecommunications infrastructure and community economic development initiatives.

Sue Davidson, an extension educator for Douglas County, says there was standing room only at the Access Minnesota training session held at her office last summer, and the schedule for using the Internet was booked for a week following the session. "People who had never heard of the Extension Service before came to the office for the training," she says.

Extension educator Renee Hink from Aitkin County agrees: "People are coming in to . . . look up everything from triglycerides to legislative activities."

But it's not only rural communities that are benefiting from Access Minnesota. Siobhan Kane, an extension educa-

tor for Hennepin County, began recruiting Twin Cities kids last summer to surf the net. She shows the kids how to use the system, then gives them an assignment—finding a pizza recipe or looking up information on Hong Kong, for example. "They have to do a lot of reading to complete the [assignment]," says Kane, who adds that many kids have returned to the extension office several times to use the Internet.

A \$425,000 grant—from the Telecommunications and Information Infrastructure Assistance Program of the National Telecommunications and Information Administration and the United States Department of Commerce—provides funding to continue the project through spring. For information about Access Minnesota, call 800-367-5363.

## Corporate Headquarters

The red brick industrial-style buildings that stand like sentinels on the West Bank of the Twin Cities campus will soon watch over a flashy new neighbor—a \$45 million red brick corporate-style building that will house the Carlson School of Management.

The school's 120 faculty members—previously scattered throughout the Management and Economics Tower—will have offices on the third floor of the new building in interdisciplinary clusters designed to foster interaction. Classes, which mostly have met in Blegen Hall, will be held in 29 classrooms on the first and second floors, surrounding a glass-covered atrium.

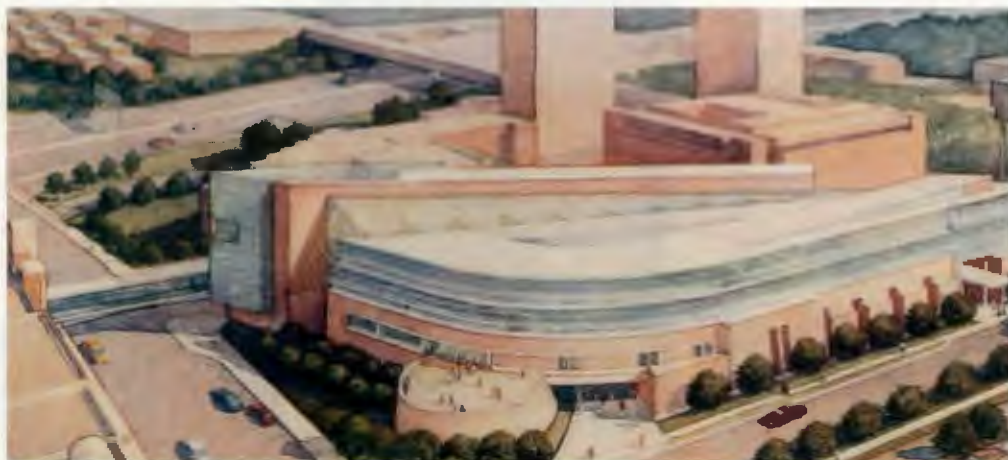
The 265,000-square-foot, five-story building also will have a 250-seat distance-learning lecture hall, conference-grade executive education facilities, interviewing rooms to make students

**Administrators say the new corporate-style headquarters of the Carlson School of Management will align the school more closely with the local business community and be an important recruiting tool.**

more accessible to employers, a board room, student break-out rooms adjacent to classrooms, a cafeteria, and a skyway to the parking ramp next door. It was designed by the Minneapolis architecture firm Ellerbe and Becket and will be located in a former parking lot southwest of Wilson Library.

David Kidwell, dean of the Carlson School since 1991, says the new building is the icing on the cake: "We've worked very hard to change the business school from the inside out. We've succeeded in creating a professional learning community with world-class programs and talent. Now we'll have a setting to match."

The building will be completed in 1997.



CAMPUS LANDMARK:

## The Stone Throne

In the shady area between Pillsbury and Williamson Halls on the Twin Cities campus sits a rock known among geology faculty and students as the "stone throne."

Robert Sloan, a geology professor for 42 years, says the rock is an oneota dolomite from the Mississippi River. It was brought to campus in 1872 by Newton Horace Winchell, founder of the University's geology department.

The rock probably was formed when a small river flowing down a bluff created a whirlpool, rattling sand and grinding stone around the rock until the pothole shape was complete. "This pothole formation is similar to those at Taylor's Falls, but it is difficult to tell exactly where this particular rock was taken from. It could have come from Red Wing or all the way south to the Iowa border," Sloan says.

Why was it brought to the University? "Well, because it looks quite a bit like a chair, I suppose," quips another geology faculty member.

## A New Temptation

Developing hardy, delicious fruit has been the goal of the University's Horticultural Research Center since it was established in 1908. Over the years, researchers have produced 23 apple varieties, including the always popular Haralson, which was introduced in 1922.

Now the Honeycrisp, a new variety that University researchers David Bedford and James Luby introduced in 1991, is poised to unseat the Haralson as king of the red-skinned fruit. "The Honeycrisp is by far the best apple we have ever developed," says Bedford. "It has been catching on at a phenomenal pace."

Thirty nurseries nationwide now grow the Honeycrisp, and hundreds of retailers are selling it. Bedford attributes the apple's success to its unique qualities as well as to good timing. "The American public and the apple industry were looking for a better fruit," he says. "People are not so enamored with the Red Delicious anymore. They're looking for a [better] taste."



James Luby, left, and David Bedford

The Honeycrisp is extraordinarily crisp because its cells are twice the size of those of any other apple that Bedford and Luby have studied. "We call the apple 'explosively crisp' because you get a very crisp snap when you bite into it," says Bedford. "It's a very juicy apple with a pleasant flavor. You need that for an apple to succeed."

The long-lasting freshness also is appealing. The Honeycrisp matures around the end of September, about two-thirds of the way through the apple season, and it will stay fresh seven months if it is refrigerated. "People want an apple with a good texture that will

keep a long time, too," he says. "The Honeycrisp is that apple."

University researchers began working 30 years ago on developing the trees that eventually produced the Honeycrisp apple, beginning with cross-pollination to create a hybrid tree. The work was funded primarily by the Minnesota Agricultural Experiment Station.



## A Study in Sherlock

Sherlock Holmes fans, Anglophiles partial to Victorian England, and people who are just intrigued by the thought of so much memorabilia might want to visit the Special Collections and Rare Books room in Wilson Library on the University's West Bank to see the Sherlock Holmes Collection.

The collection of anything and everything pertaining to Holmes—the refined, smarter-than-thou British detective known for his deerstalker cap and calabash pipe—was established in 1974 when the University acquired the small but distinguished James Iraldi collection with a \$5,000 grant from the McKnight Foundation. Then the Philip S. Hench collection was donated to the University in 1978. It consists of 3,300 books and periodicals, all related in some way to Holmes; his creator, Sir Arthur Conan Doyle; Frederic Dorr Steele, the American illustrator of the adventures; or William Gillette, the stage actor who introduced the pipe to the character and whose profile became the Holmes prototype.

The Hench collection was a magnet for smaller donations, including scripts and broadcast recordings from actress and writer Edith Meiser, who first adapted the Holmes adventures for radio. Her adaptations were broadcast from 1930 to 1948.

But by far the largest known collection of Holmes memorabilia in the world belonged to John Bennett Shaw of Santa Fe, New Mexico, who began collecting in 1937 at age 23. In addition to numerous copies of the original 52 short stories and four novels that Conan Doyle wrote about Holmes, Shaw's collection contains cookbooks, children's books featuring the Sherlock Hemlock character from *Sesame Street*, advertisements, toys, apparel, golf tee covers, vanity license plates, and bed linens.

In October 1993 Shaw began sending his collection to the University, and when he died in 1994 his widow sent the remainder—or so she thought. "Occasionally we'll get a pleasant surprise from Mrs. Shaw—another box she's discovered while cleaning house," says library assistant Jamie Hubbs.

Library staff continue to unpack the boxes, which would fill five semitruck trailers and contain about 12,000 items, some dating back to the 1800s.

They refuse to place a dollar value on the materials. "The real value of the Shaw collection is the depth of the materials, the writings [by other authors] on the Conan Doyle writings, and the variations of the same story it contains," says Hubbs. "We have Afrikaans to Yiddish."

Perhaps the most valuable piece in the collection is a first edition of the first Holmes story that Conan Doyle wrote: *A Study in Scarlet*. Although the library has four first editions of the book, only one—part of the Hench collection—is in mint condition, and curators estimate its value at \$100,000.

Tours of the collection are available by appointment. Call 612-624-3855 for information.

## Collier's

Household Number for December



## GOPHER FACT FILE:

### Law School Class of 1994 Employment Survey



Based on responses received from 99 percent of 1994 graduates by January 1995. Employment figure represents both full- and part-time employment; 3 percent of the class reported part-time employment. All figures represent percentages.

#### PERCENT EMPLOYED 96

Private Practice	
Solo practice	1
Firms	47
2-10 attorneys	11
11-25 attorneys	5
26-50 attorneys	6
51-100 attorneys	5
101-250 attorneys	7
251+ attorneys	5
Unknown	8
Judicial Clerkships	
Federal	5
State	20
Other	
Teaching	1
Business	10
Government	1
Public interest	5
Geographic Distribution	
Minnesota	72
Twin Cities	61
Greater Minnesota	11

EMPLOYER	IN STATE/ OUT-OF-STATE AVERAGE	SALARY RANGE
Private Practice		
2-10 attorneys	\$34,611/\$44,000	\$24,000-\$50,000
11-25 attorneys	\$43,125/\$45,000	\$31,000-\$64,000
26-50 attorneys	\$45,944/\$52,500	\$38,000-\$55,000
51-100 attorneys	\$53,222/\$56,000	\$38,000-\$65,000
100-250 attorneys	\$56,375/\$57,666	\$54,000-\$70,000
251+ attorneys	\$58,000/\$75,500	\$58,000-\$86,000
Judicial		
Federal	\$34,774/\$35,329	\$34,662-\$38,000
State	\$24,150/\$27,833	\$18,000-\$37,000
Other		
Business	\$39,907/ not available	\$33,000-\$52,000
Government	\$32,636/\$36,478	\$22,000-\$52,000
Public interest	\$21,416/\$29,333	\$15,000-\$34,000

# In Their Own Words

Minnesota asked University students what their favorite Gopher athletic event is and if they attend football games

PHOTOGRAPHED BY CHARLIE GESELL



**Charles Gitau,**  
25, senior majoring  
in economics.

**Hometown: Nairobi, Kenya**

I have always liked men's basketball. I am disappointed that Voshon [Lenard] isn't here [this year], but I look forward to seeing what [Sam] Jacobson will do. I don't like football. I would go only if I had money on the game.



**Mike Yasis,**  
28, graduate student  
in elementary education.

**Hometown: East St. Paul**

Swimming and diving, both men's and women's. It's my sport. I used to be involved in it. I don't have time to go to football games. I do have an interest in them. I might catch a game on TV, but I don't go to the Metrodome.



**Dianne Lewis,**  
23, graduate student  
in elementary education.

**Hometown: Deephaven,**

**Minnesota**

Women's cross-country running. I ran as an undergraduate so I follow the sport. I have no interest in going to football games.



**Jeff Green,**  
25, senior majoring in art.

**Hometown: Luverne, Minnesota**

Men's and women's swimming. I really enjoy the sport—both watching and participating. I don't go to football games. I'd much rather play sports than watch them.



**Donia Bigalk,**  
16, freshman majoring  
in architecture.

**Hometown:**

**White Bear Lake, Minnesota**

Hockey is my favorite sport in general. I like how excited the crowd gets at Gopher games. I don't go to football games. It's just not my sport.



**Sara Ahlquist,**  
25, graduate student  
in elementary education.

**Hometown: Plymouth,**

**Minnesota**

I don't really have a favorite Gopher team. I'm a new student here so I haven't been to any games. I might go to the Gopher/Badger football game, but I don't like the Metrodome. It's boring compared to outdoor college stadiums.



**Marcus Peterson,**  
21, senior majoring  
in mechanical engineering.

**Hometown: Reading,**

**Massachusetts**

I used to watch volleyball a lot because I knew someone on the team. I might go to a football game if I had more free time, but I don't even get a chance to do a lot of things I'd really like to do.



**Vinnie Yeung,**  
19, sophomore majoring  
in interior design.

**Hometown: Minot,**

**North Dakota**

Men's basketball is my favorite. I'm in the pep band, and I love watching the games. I like being a part of the people who start the cheering. The crowd is great. I go to football games because I'm in the marching band. The Gopher team isn't the best, but I like performing at their games.

# In Brief

## University faculty, staff, administrative, and department news

EDITED BY MAUREEN SMITH

The Board of Regents passed a resolution in September calling for the University to **change to semesters** by fall 1999 on all four of its campuses. Still to be decided is how to handle this problem: Fall semester cannot begin on the Twin Cities campus until after Labor Day because of the State Fair, so the challenge is to increase class hours by 50 percent and still end the semester before Christmas.

**The future of the Academic Health Center (AHC)** was a major topic at the regents' meeting. The regents expressed strong support for the reengineering effort outlined by Provost William Brody. The University may seek a supplemental appropriation of \$20 million to \$30 million from the legislature as one-time-only money to jump-start the reengineering and to ensure the future



of the AHC. The AHC is at the epicenter of an earthquake, Brody said, because Minnesota has moved faster than any other state toward managed care. In eighteen months, he said, the AHC "will be a completely transformed operation."

**George "Rip" Rapp**, professor of geology and archaeology and director of the Archaeometry Laboratory on the Duluth campus, was named a Regents' Professor. Nominated by their fellow faculty members, Regents' Professors receive an annual \$10,000 stipend. Rapp is the first from a campus other than the Twin Cities. A veteran of countless archaeological expeditions, Rapp has published widely on archaeology and archaeological science concerning Greece, Turkey, Israel, China, Egypt, Tunisia, Cyprus, and North America.

Programmatic implications of **about \$32 million in reallocation** were reported to the regents in October. The amounts are a recurring reallocation of \$11.4 million for 1995-96, the same \$11.4 million in 1996-97, and an additional \$8.9 million for 1996-97. The \$8.9 million has not been assigned to any unit but will be a central administration responsibility to be accomplished through "central administrative process reengineering and redesign."

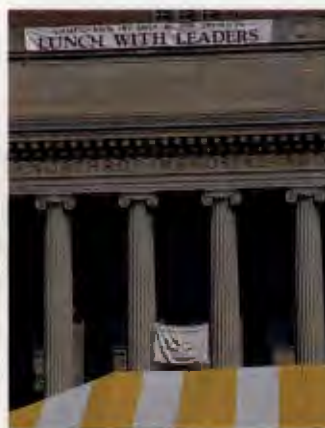
**Redesigning the University's business processes and systems** is the goal of a major effort this year. If the University 2000 plan is to succeed, "several key aspects of the central infrastructure,"

which are "now inefficient or largely ineffective, must be significantly transformed," the mission statement says.

An advisory task force will be chaired by Ettore Infante, senior vice president for academic affairs, and Chuck Denny, retired board chair of ADC Telecommunications. Redesign task forces are being established in several areas, starting with grants management.

**A prestigious ranking of graduate programs** was released in September by the National Research Council for the first time since 1982. Overall, the University "has held its own," said Mark Brenner, acting dean of the Graduate School.

The chemical engineering program was once again ranked number one in the nation. Other top-ten programs at the Uni-



versity are geography 3 (1 in '82), psychology 7 (7 in '82), mechanical engineering 8 (5 in '82), and economics 10 (7 in '82). German moved up to 11 from 23.

**The National Institutes of Health (NIH)** placed the University in an "exceptional organization" category in August and expressed serious concerns about its grants management. The University objected to the designation and asked for recognition of what it has already done to correct problems, but promised to enter into cooperative future corrective action with the NIH.

**Marilyn Speedie**, professor and chair of pharmaceutical services at the University of Maryland at Baltimore, has been named dean of the College of Pharmacy. She will begin her new duties January 1.

**Paul "Pete" Magee** is returning to teaching and research as a member of the genetics and cell biology faculty after eight years as dean of the College of Biological Sciences. He left the deanship August 15 and planned to spend much of the fall in Japan on a fellowship from the Japanese Society for the Promotion of Science.

**Marilyn De Long** of the Department of Design, Housing, and Apparel has been appointed deputy director of the Minnesota Agricultural Experiment Station, effective immediately. Her career at the University has included teaching and research related to the aesthetics and sociopsychological aspects of clothing. ■





## What You Should Know About *Cancer in Families*

**Q:** Our family has a history of cancer. Should I be concerned?

**A:** Cancer is relatively common, often affecting more than one person in a family. Only 10 to 15 percent of cancers, however, are inherited, or run in families. Families who have members with cancer at an early age, many family members with cancer, or family members with more than one type of cancer should have their family history evaluated.

**Q:** Are certain types of cancers genetic?

**A:** Many cancers, such as breast, ovarian, colon, lung, prostate and melanoma, can be inherited. Clusters of other rare cancers, such as bone, eye, and blood cancers, can occur in families and may be associated with cancer family syndromes.

**Q:** Are there tests to determine if cancer runs in my family?

**A:** Genetic tests can indicate an increased risk of developing some types of cancer; however, testing and evaluation are not widely available at this time. To help people determine and evaluate their risks, the University of Minnesota Cancer Center offers the Familial Cancer Clinic. A team of professionals, including a geneticist, oncologist, epidemiologist, pathologist, genetics counselor, psychologist, radiologist, and molecular geneticist, reviews your family medical history and your clinical evaluation and then works with you to develop an appropriate screening and intervention/prevention program. **Remember**—the best ways to reduce your risk of cancer are to eat right, exercise regularly, and not smoke.

**For more information on cancer genetics, call the University of Minnesota Cancer Line at 626-5555.**

**For more information about the Familial Cancer Clinic or to schedule an appointment, call 625-5411.**



*Richard King, M.D., Ph.D., a geneticist at the University of Minnesota Cancer Center, helps to evaluate your potential risk of cancer and develop a screening and intervention program.*



UNIVERSITY OF MINNESOTA  
HEALTH SYSTEM

*Taking Care of Minnesota.™*



# THE REFORMATION ACCORDING TO

Can the U fit *and* survive in the new world of managed health care? Yes, says Bill Brody, who preaches that the Academic Health Center can be transformed into a national model

BY JOE MORIARITY

**I**MAGINE THE DESCRIPTION with which the search committee for the newly created position of provost for health sciences—now the Academic Health Center—had to approach potential candidates.

Wanted: Individual with experience in medicine, business, and academia to head academic health center at large state university still reeling from significant controversy, its reputation recently pummeled in local media. Candidates can expect to be under close media and governmental scrutiny. State has highest managed care market percentage in the United States. Health center's funding streams are evaporating.

Would you jump at this "opportunity"? No? Neither did the man who ultimately accepted this position. "When I was first approached, I said, 'Forget it,'" says Bill Brody, who was then a tenured professor and head of radiology at Johns Hopkins University. "'This is not an opportunity.' The street word was that you ought to just close the place."

Brody, whose background includes thoracic surgery, superb academic credentials from Stanford and Johns Hopkins, and a Ph.D. in electrical engineering, which led him into radiology and finally to establish his own company, decided to accept the invitation to talk with the University's search committee. "It was," Brody says, "the tremendous human capital here [at Minnesota], coupled with a deep commitment to change, that changed my mind. This is an excellent university with a strong, comprehensive academic health center with many opportunities for integrating several disciplines in research and in educating new health care professionals. Besides, if you want to study earthquakes, you have to go where they have them. If you're in health care today, particularly academic health care, and you want to be part of a change, you have to go where change has occurred most dramatically—where a radical restructuring of what we do and how we do it is the only solution to the problem. And that's right here."

Brody quickly understood that the fundamental problem for the health sciences at the University of Minnesota was not the ALG controversy or other self-inflicted wounds regularly splashing across local papers and spilling from television news reports. "No, the question is this: How are we—and I don't mean just this uni-

because they do not have to support research and education but can focus entirely on efficiency.

"We can't respond in the same way to these challenges," says Brody, "because of our dedication to research and education." Current health care reform, however, is making it more difficult to subsidize research and education through clinical services revenues. "All the revenue sources that have supported academic health centers are decreasing," says Brody, "particularly those from our physician practices, and we have no offsetting new revenues." The surgery department, for example, received only 4.6 percent of its revenue last year from the state. Its charge was to educate all medical students, supervise and teach new residents, organize one of the largest Ph.D. surgery programs in the country, conduct a very complex research agenda, maintain its leadership position in organ transplantation, and more. "Without money to replace lost revenue streams, particularly the transfer from clinical services, we simply won't be able to maintain this level of quality," says Brody.

Providing world-class leadership in research and education in this managed care market is Brody's fundamental challenge—and those working with him believe that his personality, leadership skills, and management style make him the ideal person for the job.

Agreement is virtually unanimous, both within and outside the University, that Brody's outsider status is a key advantage in this task. "Brody isn't identified with any of the difficulties," says Win Wallin, chair of Medtronic's board of directors, a member of the provost search committee, and special adviser to President Nils Hasselmo during the reorganization of the health sciences. "Not having an institutional memory was an initial disadvantage, but I think that's better than being heavily identified with the status quo. He's seen as having no allegiances or alliances, and from a political perspective, that's very helpful."

According to Ron Franks, dean of the School of Medicine on the

Duluth campus, Brody may well be able to avoid political entanglements. "There is a small group of people who can focus on what's right, not on who's right, and Brody is one of them," says Franks. "Bill doesn't need to artificially

focus the spotlight on himself, so there are no distractions. You don't have to worry about making him feel like he's right all the time. He's willing to listen to good ideas, and his focus is on the issues. This is the kind of leader you need in our situation where there is no obvious answer—a person who truly wants all the ideas out on the table."

"Bill can get people to believe in his vision," says Joseph Cooper, health services provost at Johns Hopkins. "As chair of our Committee for the 21st Century, whose task was to think through what Hopkins needs to do to remain at the forefront of higher education into the next century, Bill did a masterful job of

**As provost, Bill Brody oversees 5,000 students, seven professional schools, 14,000 employees, a \$700 million annual budget, and total revenues of \$555 million (excluding private practice revenues), of which 56.4 percent comes from patients, 3.1 percent from tuition, 16.3 percent from the federal government, 8.6 percent from the state, and 15.6 percent from private sources.**

# BILL BRODY

versity, I mean all academic health centers—going to fund education and research in a health care market that is primarily concerned with controlling costs?"

Ninety percent of Minnesota's 4.5 million people are currently enrolled in managed care via major integrated service networks such as Allina, HealthPartners, and Blue Cross/Blue Shield. All health care providers face an overabundance of specialists, excess hospital capacity, declining patient volumes, lower reimbursement for high-level (tertiary) care, and the inability of state and federal funding to keep pace with inflation. Nonacademic health care providers have an enormous advantage in the current market

drawing ideas from people who weren't so used to working with one another. Within a few months, they were thinking as university citizens and not just as people representing a particular division or department. He's a fine person of great talent and ability, a practical visionary. I know that sounds contradictory, but in his case, it isn't. His vision always has a practical application. He's the person you'd need and want in a time of great change."

**S**HEPHERDING CHANGE is Brody's primary order of business. After familiarizing himself with the Academic Health Center, its problems, and its position in both the Minnesota health care community and the national/international arena of education and research, Brody's first priority was to set some priorities. "There are a million and one things we could be working on," he says, "so we had to identify the key issues and then come up with two or three strategies to solve them." The issues chosen? How the Academic Health Center fits in the marketplace and what has to be done internally to make it more competitive there—both in research and development and in patient care.

Since the market is demanding true multispecialty group practices, Brody, Frank Cerra, new dean of the Medical School, and Greg Hart, then president of University of Minnesota Health System (UMHS), and others stepped up efforts to organize the practice groups of sixteen clinical departments into one new group practice (the U of M Clinical Associates). "Our physicians have to work, not just organize, in a group practice," says Brody. "This is imperative; if you don't function as a group, it's virtually impossible to compete for managed care patients—or to manage them in a cost-effective way." Additional responses to a managed care-dominated market include reducing costs to competitive levels for equivalent services, cutting average case costs by up to 15 percent, improving clinical resource management, achieving superior service quality levels, and measuring clinical outcomes data initially in seven service areas.

Increasing the Academic Health Center's value as a community resource is another strong priority. The University needs to find more ways, Brody says, to team up with other organizations, be they providers, schools, or businesses. "Our strategies include opening the staff of UMHS to affiliate with existing groups and partnering for service as we've done with the Fairview system in obstetrics and neonatal intensive care."

Brody has also initiated efforts to increase the health center's industry-based research and technology transfer work, given its significant growth potential. Wallin agrees, and emphasizes not only the University's value to Minnesota's medical-device industry but also its economic contribution to the state. "The public should recognize that this is part of the mission of a land-grant university," he says. "People have long acknowledged and supported the University's work with farmers and the agricultural industry, but somehow it's not been seen as appropriate for them to work with the medical and pharmaceutical industry. I can tell you that neither Medtronic nor St. Jude Medical nor Minnesota's \$200 million medical-device industry would exist were it not for the research and development done at the University. Can you imagine the cost to the state if, as a result of the decline of the University, that industry begins to decline or relocate?"

Given recent events, any talk of entrepreneurial activity raises immediate questions about ethics and conflict of interest. Brody believes that conflict need not arise. "When faculty members are interested in entrepreneurial activity," he says, "conflicts

of interest arise even if business isn't involved. The key is how they are handled. Standards need to be very high and very clear about how people are supposed to behave and what the consequences are for misbehaving—and those rules need to be enforced when people don't adhere to them. This clearly ties in with the very important task of restoring the integrity of the University. We have an excellent opportunity here, one we can't and shouldn't ignore. We have the people, the expertise, and the determination to be one of the very top institutions in the country."

An academic health center that includes not just a medical school but also schools of nursing, pharmacy, dentistry, public health, and veterinary medicine can generate tremendous synergy. "We can put teams of caregivers together in cross-disciplinary programs like the rural pharmacy education program in which pharmacy and medical students go together into rural Minnesota to study," says Brody. "We plan to make more use of such possibilities." He predicts that the growing emphasis on preventive care will dramatically increase the importance of the School of Public Health during the next decade.

What's happening at the Academic Health Center under Brody is nothing less than an institutional transformation. "Brody's showing that he's capable of leading us through this process," says Franks, "and believe me, that's no small task. I'm impressed with the direction he's taking, and what he's put together makes great sense to me. Perhaps most importantly, he knows this won't work without effective, well-integrated teams of people who are willing to help bring about change."

Five or ten years hence, what might the Academic Health Center look like? Brody is the first to say that no one—himself included—really knows, because the University is breaking new ground. A shifting of roles and responsibilities in the Academic Health Center is already discernible, and when the rubber hits the road, in Cerra's words, here's what it will mean: "There will be doctors here who will only do efficient managed care, others at the other end of the spectrum only doing research, another group who teach, and still another whose main function is medical administration. There will still be certain individuals who cross over and have roles in all four of those areas, depending on the program or departmental mission, but not many. This new structure, in which productivity and performance criteria are tied together, is very different from how the Medical School has traditionally functioned."

Brody, Cerra, and Franks also predict an increasingly important role for the Duluth School of Medicine, given its primary mission of training men and women for rural family practice. "We're seeing an ever-growing emphasis on primary care," says Franks, "so we'll need to respond by training more primary-care physicians. Couple this with the fact that 25 to 30 percent of all patients at the U Hospital come from outside the seven-county metro area and it becomes clear that a presence in rural Minnesota must be woven into any new strategy."

Will individual practitioners exist at the University? Brody is doubtful. "The people who do clinical work will all be in a group practice of one sort or another—organized either by the University or by an outside entity with whom the University affiliates," he says. "There will always be the specialist, the world authority who pulls in grants and consultation fees, of course, but we can't survive any longer on just those few highly specialized areas."

Over the long term, the Academic Health Center's task is to reevaluate the mix and number of professionals it trains; find better

ways to meet the needs of urban and rural Minnesotans; maintain the education and training of academics who will become the teachers of the future; and then translate all this into a new and different curriculum that begins with the first day of a medical education. "We'll be looking at what needs to be done, how, and who should do it," says Brody. "The walls of our colleges will become more porous; there will be more sharing and contributing of resources."

Though the task is clearly daunting, Cerra and Brody both believe that faculty and staff recognize that the Academic Health Center must change—and that the process has begun. "We know where we're headed," says Cerra, "and now comes the tough part—implementation and day-to-day operations."

**"HOW ARE WE — and I don't mean just this university, I mean all academic health centers—going to fund education and research in a health care market that is primarily concerned with controlling costs?"**

Does this future include the hospital? "If you're going to maintain a top-quality research and development institution," says Cerra, "you need an on-site center—not just for performance, but for the synergy and cross-fertilization that takes place when top people work together. If you're in the discovery business, which we are, you need a place dedicated to the development and implementation of discoveries." Cerra is not alone in this view; there's a solid consensus at the University that the hospital is absolutely essential to the Academic Health Center's mission.

In Minnesota's managed care market, however, the referral and financial relationships hospitals have with managed care organizations does not factor in the costs of either research or education. And there is still at least 40 percent excess hospital capacity in the state. "It's like having a manufacturing company with too many production plants," says Brody. "To downsize, you need to close some of the plants, but you don't want to shut down your research and development labs. So as the health care system downsizes, as it must, we want to be sure the state's R&D lab—the U of M Academic Health Center—is not one of the places that is closed out."

Brody talks of two primary possibilities that would keep the hospital's heart beating. The first posits it as a public resource and a community service for the state, open to all citizens regardless of the health plan they're enrolled in (many potential patients are currently locked into networks). Under this scenario the hospital would be a two-in-one institution—a small research, education, and development institution carrying out clinical trials and high-level treatment in specialized centers of excellence, as well as a community hospital with access to all the managed care networks and taking referrals from physicians throughout the state. More students would train in hospitals throughout the community, as some have already suggested. But which students, and how many? These are just two of many unanswered questions.

The second approach would have the University hospital

essentially competing in the market like every other hospital. In a downsizing market, it would have to form alliances or merge with other entities. Some U.S. medical schools have already either sold their hospitals or are in serious merger discussions with for-profit corporations.

This alternative is anathema to many both within and outside the University.

"The 'logical' solution of turning the U hospital over to the private sector, in effect saying 'take care of me,' deeply worries me," says Jim Ehlen, '70 M.D., president of Allina, the state's second-largest managed care organization. "The motives for operating a for-profit company and the commitment to community good can clash pretty easily. So when you take an academic health center like the University's and put it inside a publicly traded, for-profit company, well, I have grave doubts about how the mission of the University would fare."

Losing control of its mission or becoming captive to certain groups of patients and closed to others "isn't in line with the concept of a land-grant university," says Brody. "That's why we're working very hard to find our niche in the current marketplace."

Ehlen believes that decision making at the state level has been tainted by politics, emotions, and past events. "This is destructive because it takes

needed energy away from what we really need to do," he says. "Our decisions should be based on what we're working toward, and Bill is beginning to articulate that vision."

All Minnesotans—from the governor and the legislature to the large health care organizations and the general public—need to know why the state needs an academic health center. "But I don't think we've told them," says Brody. "We need to let our customers know what we're providing, what we need to be successful, and what they'll lose if we're gone. Then they can decide what they expect of us and whether they will support us."

Brody is willing to say that he doesn't have all the answers, a trait that is appreciated by the people who work with him, including many in the larger state health care community. "Bill is intellectually very honest," says Ehlen. "He's not afraid to say 'I need help. Can we work together to solve this one?' And Bill can rest assured that he's not alone facing uncertainty in leading a large organization. We're all going through changes of similar magnitude. We're asking a lot of good people to think about the world differently, and it's not easy."

The solutions will not be easy ones, but they do exist, Ehlen says. "The critical factor is getting all the stakeholders—including organizations like Allina and the people it represents—to understand what they can do to be part of the solution, rather than expecting Bill and a small team of people to figure it out and do it themselves. They can't. That's a scenario for failure. And we will all be in deep, deep weeds not long from now if we allow this academic health center to decline."

At the epicenter of the slow-motion earthquake that is health care change, Bill Brody believes the unique attributes of both the state and the University will make possible a solution—a Minnesota model for health care research and education, if you will—that other academic health centers around the country will emulate. That's why he's here. ■



# Mankato Strikes Back

---



**Stopping the deadly meningitis outbreak that hit Mankato, Minnesota, seemed like mission impossible. Could the community and a multidisciplinary team of public health professionals conquer the unseen enemy? They had to. Lives were hanging in the balance**

**By Peter J. Kizilos ♦ Photographs by John Cross, *Mankato Free Press***

**EARLY ON SATURDAY MORNING, JANUARY 28, 1995,** Michael Osterholm, '78 M.S., '80 M.P.H., '80 Ph.D., Minnesota's chief epidemiologist and top disease detective, was at his home in Minneapolis getting ready to run a few errands. It was Super Bowl weekend, and he was looking forward to watching the game on Sunday with his thirteen-year-old son. ☞ Before he could step out the door, the phone rang. A Minnesota Department of Health (MDH) disease surveillance specialist was calling to report that two high school students from Mankato, Minnesota, in Blue Earth County had been admitted to the emergency room at Immanuel-St. Joseph's Hospital with meningitis-type symptoms: high fevers, chills, sweating, nausea, and dizziness.



Following the death of John Janavaras on February 3, Michael Osterholm, far left, Dr. Michael Rath, and acting District 77 superintendent David Dakken met with the press; later they addressed a standing-room-only crowd at Mankato West High School (previous page) to appeal for calm.

Lab tests had identified the bug as *Neisseria meningitidis*—bacteria that can be found residing benignly in the nasal passages of 1 to 4 percent of the population. Yet, for reasons that remain mysterious, the bug sometimes turns deadly and marches from the nasal passages to the bloodstream. The blood typically expels the bacteria, which then move into the spinal fluid and tissues surrounding the brain, causing the inflammation of the spinal cord and brain that defines meningitis.

Meningococcal disease was certainly no stranger to Osterholm. He had studied this deadly bacteria, written about it, and fought it before. By a strange twist of fate, the February 1 edition of the *Journal of the American Medical Association* featured a lead article on this familiar foe. The article, sitting on Osterholm's desk that weekend, described ten outbreaks of the disease that had occurred in the United States during the past two and a half years—a rate that had quadrupled over the previous eight years. The *Journal* called these outbreaks “an emerging threat” and “one of the most feared public health emergencies, in part because of [the disease's] ability to strike, seemingly at random, previously healthy persons, killing one of every seven affected.”

Striking its victims with little or no warning, this form of meningitis begins innocuously enough with an otherwise healthy person experiencing flulike symptoms. Within a matter of a few hours, however, the deadly bacteria can sweep through the victim's body, infecting the bloodstream or the lining around the brain, and ultimately can cause death.

A few hours after Osterholm got the news of the cases, he was on a conference call with state and Blue Earth County public health officials and nurses and staff from Immanuel-St. Joseph's to decide what to do if there were more cases. But first, he and his staff sought to calm fears by providing some basic information. There was cause for concern, but no need for panic. The bacteria do not spread through the air, but through secretions from the nose and throat. People should be advised to avoid kissing, sharing food or beverages, and being sprayed by droplets from coughs and sneezes.

Osterholm reminded everyone that it was still too early to eval-

uate the potential threat facing the Mankato community—or the proper response. A couple of cases do not constitute a public health threat; under normal circumstances, public health officials usually expect to see about 25 cases of meningitis in Minnesota each year. It wasn't even certain that the two teenagers' cases were related. If they were, though, battle plans would need to be drawn up quickly to counterattack the deadly bug.

After the conference call, Jan Forfang, '84 M.P.H., an epidemiologist in charge of the MDH regional office in Mankato, met with school nurses, administrators, and coaches at Mankato West High School to give them information. At the same time, she began scouting for clues to connect the two students: joint classes, extracurricular activities, mutual friends, parties, restaurants. If any links could be found, health officials might be able to isolate the source of the infection.

On Saturday night, Forfang and Jane Schwickert, the nurse in charge of infection control at Immanuel-St. Joseph's, regrouped at the hospital. They distributed a fact sheet on bacterial meningitis to emergency room physicians and staff, critical care nurses, and key physicians to alert them to the situation and encourage them to identify patients with similar symptoms. If the bug struck again, at least they would be prepared.

## SWINGING INTO ACTION

On Sunday morning, the contour of the battlefield changed dramatically. Using genetic fingerprinting techniques, MDH lab scientists confirmed that the bacteria in the two teenagers' cases were in fact identical: Group C *Neisseria meningitidis*, the type most often seen. That same morning, the third and fourth casualties were admitted to the Immanuel-St. Joseph's emergency room with meningitis-type symptoms: a 64-year-old woman and another teenager from Mankato West.

Annette McBeth, '77 B.S. nursing, '80 M.S. public health nursing, vice president of Immanuel-St. Joseph's, was notified early on Sunday morning of the new cases. She immediately began





Meningitis struck Kennedy Elementary student Ryan Pitt February 26 and hit Mankato State University (MSU) student Christopher Wilson five days later, prompting the vaccination of the entire Mankato population under the age of 29. On March 5, 18,600 people were vaccinated at the Army Reserve Center, left. At right, LeSueur County public health nurse Sharon Erickson gives information to MSU student Pam Spitzack.

planning a meeting of key stakeholders—MDH officials, public health nurses, school officials, hospital administrators, physicians, elected officials, and others—to plot a strategy to deal with the emerging crisis.

“My role was to help determine the things that needed to be done,” McBeth says. “What was public health going to do? What was the hospital going to do, beyond taking care of patients? I also contacted the two major clinics in town and worked with the staff leadership to make sure that everybody was getting the same information. It was critical that we work out a way to communicate with each other.”

On Sunday night, about 45 people gathered in a conference room at Immanuel-St. Joseph’s. “The mood of the meeting was serious,” says Jerry Crest, ’63 B.S. business, ’77 M.H.A., president of the hospital. “We had a lot of questions. What are the risks? What is the likelihood of this spreading to others? We needed to learn more about what we were up against and set out a game plan.” Crest was impressed by the quick MDH response to the situation. “At that first meeting on Sunday night, Mike Osterholm advised that we consider an immunization program and somebody said, ‘Where are we going to get the vaccine?’ He said, ‘It’s already on order and will be arriving in Minneapolis at such and such a time.’”

While the Minnesota Department of Health would prove to be an extremely valuable resource, it was clear from the start that the Mankato community would be in charge. Osterholm and the state would help by laying out the options, but the community itself would have to select the strategy and tactics for fighting the bug. Throughout the outbreak, the community would find itself in the position of having to attack without knowing exactly what it was fighting. “We have to move together as a unit,” Osterholm emphasized at the meeting. “We can all hang together or all hang separately.”

A vaccine for the Group C bacteria did exist, though it took seven to ten days to kick in. Yet there was no clear precedent to guide the group’s decisions about who should be vaccinated or who should be given rifampin, which prevents those who are car-

rying meningitis from spreading it to others. Students at Mankato West? All high school students? The entire community? If the source of the outbreak were known, public health officials could selectively target disease prevention and control.

Unfortunately, Forfang’s investigation of the two students failed to turn up any significant clues. “The students shared no common classes, extracurricular activities, or friends,” Forfang says. “One was involved in band and choir and the other was in basketball. They didn’t sit next to each other or share a locker—anything that required close contact. The *only* thing they had in common was that they were both from West High School, which was extremely unusual, and they were about the same age.”

Forfang notified all close contacts of the afflicted students that they should receive rifampin.

The stakeholders decided to hold a clinic on Tuesday to vaccinate all of Mankato’s junior and senior high school students. For the time being, rifampin would be given only to the close contacts of those who came down with the disease. Meanwhile, the hospital volunteered to set up a hotline to answer questions about meningitis, and a public meeting to address community concerns was scheduled for Monday night. A news conference was set to explain the situation to the media.

“We wanted to make sure that people understood there was a role they could play—and that they had to play—in trying to figure out how they could deal with it,” Crest says. “We wanted to give people confidence that the health care community was on top of the situation and pulling out all the stops to deal with it.”

Preparing and dispensing so much vaccine—about 4,000 doses—in such a short period of time would be a tall order. Thousands of parental permission slips had to be prepared for distribution on Monday. MDH and hospital pharmacy staff at Immanuel-St. Joseph’s worked around the clock to package the vaccine so it would be ready on Tuesday. Nancy Meyer, ’80 M.P.H., supervisor of Blue Earth County Community Health Services, and Mary Gleason, a nurse on her staff, took charge of the operation.

On Sunday night, Meyer called her public health nursing staff.

"I said, 'I can't give you details, because I don't really know what's going on,'" Meyer says. "But you're going to have to clear your calendars for the next three days.' Nobody asked questions or complained. They just rallied around and did it."

On Monday morning, Meyer met with school district staff at West High School to lay out plans. The school district volunteered to provide bus transportation and box lunches for the 60 Blue Earth and Nicollet County public health and school nurses, volunteers, and hospital nurses who would be vaccinating students. The school nurses informed parents of what was going on, and Meyer and Gleason concentrated on getting staffing and supplies in place so the clinics would run smoothly.

The stakeholders had plotted an ambitious strategy. "I was skeptical about whether they could pull it off," admits Mary Sheehan, '85 M.P.H., manager of the MDH Acute Disease Prevention and Control section. "When I heard the plan was that they were going to immunize a student population of between 3,500 and 4,000 kids in a day, I didn't believe it was possible. But these nurses were so convinced." She wasn't alone. Many doubted that such a massive undertaking could be pulled off with so little lead time.

The clinic went off without a hitch. With a walkie-talkie in one hand and a cellular phone in the other, Meyer and Gleason coordinated the activities of nurses at the various sites and made sure everyone had what they needed. Meyer helped out by holding younger children at the clinic, filling out forms, getting toilet paper for the bathroom, and encouraging and motivating people to keep their spirits up. By the end of the day, it appeared they had pulled off a miracle.

"It was truly amazing," Sheehan says. "I was in awe that morning as I watched this team of nurses literally immunize more than a thousand students at West High in 35 minutes, then move on to the next facility. I had goose bumps. Seeing how public health nurses rallied the nursing community in Mankato was one of the finest moments in my nursing career."

Several days passed and no new incidents of meningitis were reported. By all accounts, the community's prompt response had carried the day. The community had displayed great courage, cooperation, and coordination on the battlefield. On Friday morning, February 3, no new cases of meningitis had been reported for nearly a week. It seemed that all the hard work had paid off, that the deadly bacteria had been halted in its tracks.

Crest was gratified by how well hospital staff had responded to the outbreak. At 7:30 a.m., he and Schwickert were congratulating themselves on a job well done. "We were feeling like Supermen and Superwomen—like we had conquered this thing, we were on top of it," Crest recalls. "It had been several days since any kids had been brought in. We thought, 'Could we be this lucky?'"

In the middle of their conversation, a nurse interrupted to convey some disturbing news: John Janavaras, a fifteen-year-old hockey player at Mankato West, had just been admitted to the emergency room at Immanuel-St. Joseph's.

The enemy was still on the march.

Janavaras had been feeling fine up until about 5:00 p.m. on Thursday evening, February 2. He was asking about supper and making plans to go to a hockey game with some friends that weekend. An hour later, he was home in bed with a 102-degree temperature and classic flu symptoms: sore throat, nausea, exhaustion. Because his friends and teammates had had the flu days before, his parents weren't concerned at first. Besides, he'd been vaccinated for meningitis at the Tuesday clinic.

Janavaras continued to get worse through the night. When his mother checked on him at 6:00 a.m., his body was covered in a rash; she knew he had meningitis. When he was admitted to the hospital at 7:00 a.m., he was in critical condition—too weak to walk. The infection had spread rapidly throughout his system. It was clear from the beginning that he might not make it. Lab tests

confirmed that his body was teeming with deadly poison, in amounts that are normally seen only at a postmortem.

Forfang and Schwickert monitored the teenager's condition closely. They were on a conference call with other state health officials when Schwickert was suddenly called away. Forfang vividly recalls the scene when she returned: "She had tears in her eyes, and we all knew immediately what that meant. It was a very hard time for all of us. There was just silence."

Public health officials had known that there probably would be more cases, that one in seven who get the bacteria die, and that the vaccine is only 70 to 90 percent effective. Yet Janavaras's death from

meningococcemia, a blood disorder caused by the same bacteria that cause meningitis, hit hard. "You think you can be prepared for something like that, but you can't," Forfang says. "It really was a kick in the gut."

The death added new urgency. At the same time, Forfang also learned that minutes before Janavaras died, a three-year-old sibling of a West High student was admitted to the Immanuel-St. Joseph's emergency room with all the symptoms of meningitis. Tests confirmed that the same Group C bug was the culprit.

"It was very important to identify which cases were part of the outbreak and which weren't," says John Besser-Wiek, '85 M.S. medical microbiology, supervisor of the MDH microbiology laboratory. Throughout the outbreak, Besser-Wiek coordinated the state's lab activities—an important role since many intervention decisions were based on lab data. "We did this in two ways: a traditional way, which is called stereotyping, and DNA fingerprinting. This is new. It hasn't been done on meningococcal meningitis outbreaks in Minnesota before," Besser-Wiek says. "It allowed us to connect the cases, much like what was done to connect blood evidence in the O. J. Simpson trial. Only in this case, we were trying to connect cases that might be linked epidemiologically."

Unfortunately, Forfang continued to draw a blank in her ongoing search to link the cases through social contacts.

It was now becoming clear that the size and scope of this outbreak would be larger than any other previously seen in the state



In one week, throat cultures were taken from Courtney Pestka and 3,000 other kids by 50 Minnesota Department of Health staff members and were analyzed by 13 microbiologists.

of Minnesota. More than 125 MDH staff members eventually were involved, including Anne Barry, '86, a graduate of the University's School of Public Health, who is currently Minnesota commissioner of health.

"The logistics of the outbreak response was probably the most demanding aspect of it," says Mike Moen, '79 M.P.H.A, director of the MDH division of disease prevention and control and the MDH response team. "A lot of things had to be done on a very short time line. Transportation and communication become more difficult when so much has to happen during nonbusiness hours—on evenings and weekends."

Another strategy meeting took place that afternoon at the hospital to decide what to do next. A public meeting was scheduled for Saturday night, and after a question and answer session, all West High School students would be given rifampin. This would buy some time before the vaccine kicked in.

At this second public meeting, the first real signs of fear in the community were apparent. A standing-room-only crowd of 1,500 people showed up. Some parents in the audience accused Osterholm and MDH of not acting aggressively enough. Some insisted that the schools be closed. When Osterholm repeated his view that students should continue to attend classes, some accused him of playing Russian roulette with their children's lives. "It wouldn't help any to keep kids home," he repeated. "In fact, there might be a greater risk of transmission from kids socializing outside of school."

Sheehan was torn between her professional role and her empathy for parents concerned about the safety of their children. "I sat there understanding how those parents felt and, at the same time, feeling very confident that we were making the right decision to keep the school open," Sheehan says. "In reality, the school was probably the safest place for kids to congregate. The risk came from behavior that didn't occur in the classroom, from behavior that occurs in [places like] fast-food restaurants where kids share food and pop."

While the people of Mankato generally did not panic, hysteria was evident in the outside world's response to the stricken community. Numerous stories circulated: A farm implement dealer refused a shipment because he was sure that the equipment had meningitis germs; a roofer refused to examine the roof of West High School because he was sure he was going to get meningitis; dozens of people canceled plans to stay in the town; merchants lost hundreds of thousands of dollars because people stayed away from Mankato; some parents refused to let their kids go on a trip to Mount Kato because they were concerned that their kids might get meningitis on the ski hill.

At the Saturday stakeholders' meeting another clinic was planned for the following Monday, February 6. All family members of West High School students, teachers, and their kissing partners would be given the vaccine and rifampin. The clinic was held at Madison East shopping center in a vacant store. "We were in uncharted waters after the death of John Janavaras," Forfang says. "Vaccine programs had been done and rifampin had been given to large groups of people. But I don't think it had ever been spread this far."

Again, the community rallied to get the job done. A cellular phone company donated phones to help the nurses coordinate logistics. Local pizzerias donated food for the volunteers. The Red Cross brought in more food and coffee.

Following the third public clinic, several days passed without any new cases. It seemed, once again, that there was cause for celebration. Forfang now had the luxury of thinking about writing an article on the community's response to a public health crisis. On Monday, February 13, MDH shared the results of its investigation. Apparently a group of about 100 kids at West High who did a lot of socializing together contributed to the transmission of the disease. It seemed like the book was closed.

"Once again, we felt really good," Schwickert recalls. "We had done some incredible things. We had a sense of community and pride. We felt some relief that it was over."

From February 13 to 26, nothing happened. The hospital's information hotline was dismantled and life started to get back to normal. Yet the bug wasn't finished with the town. Not yet.

## TOTAL WAR

On Sunday morning, February 26, seven-year-old Ryan Pitt came into the emergency room with all the signs and symptoms of bacterial meningitis. It was clear that the little boy was extremely sick. Tests confirmed that Ryan had the same bug that killed John Janavaras. Yet there was something different about this case: Ryan was an elementary school student from the other side of town; he had nothing to do with West High. In one fell swoop, the situation had exploded. It was no longer an institutional outbreak—it was a full-scale communitywide crisis.

As soon as she found out about Ryan, Schwickert came in to talk to his family. At 6:30 p.m., scenarios and options were discussed during a lengthy conference call. Another stakeholder meeting was scheduled for the following Monday morning.

That evening, Forfang interviewed Ryan's father about close contacts, so they could be given rifampin. While they were talking, a code blue was called—Ryan had stopped breathing. Despite the obvious risk to herself, a nurse initiated mouth-to-mouth resusci-



When the battle was over, more than 125 Minnesota Department of Health staff members had joined forces with Mankato health and education professionals to fight the deadly bacteria. Representing just a fraction of the University of Minnesota alumni and others involved were, from left, Nancy Meyer, Jan Forfang, Annette McBeth, Jane Schwickert, and Jerry Crest.

tation, and Ryan eventually began breathing again. Doctors weren't sure he would make it through the night, but he pulled through.

Later that evening, a physically and emotionally drained Forfang finally went home and crawled into bed with her seven-year-old daughter, Kate. "Ryan's case really hit home," Forfang says. "It had always been an outbreak that was in my hometown, and I felt very close to it. But it wasn't until Ryan that I found myself reacting with fear. He was the same age and grade as my child. That night, I felt much more like a parent than an epidemiologist. I prayed a lot."

On Monday morning, the stakeholders decided to reestablish the public hotline and hold another clinic on Friday of that week. If it turned out that Ryan's illness was caused by Group C meningitis, all children from two years old to sixth grade would need to be vaccinated. Two days later, on Wednesday, March 1, MDH confirmed that Ryan did indeed have the outbreak-associated bacteria. On Thursday, March 2, Osterholm called again to report that eighteen-year-old Mankato State University (MSU) student Christopher Wilson had been hospitalized in the Twin Cities with the symptoms of bacterial meningitis.

News of the MSU student's hospitalization required a shift in strategy. It now seemed clear that the bacteria had jumped the fire wall and spread beyond a limited group associated with Mankato West High School. The bug had to be stopped—and stopped soon. But how?

#### THE FINAL ASSAULT

At 5:30 p.m. on Thursday, March 2, the stakeholder group met again to consider its options. After much discussion, the group took an unprecedented action: The entire population of Mankato under age 29—some 22,000 more people—would be vaccinated and given rifampin. Even more dramatic, the clinic was scheduled to begin on Friday, the very next day. This was a considerably more ambitious plan than had been expected.

"We literally had to handle hundreds of thousands of pills and dose them out according to body weight and do this all literally overnight," Osterholm says. "We had courier service back and forth. The logistics of transportation alone were incredible."

The clinic started at 10:00 a.m. at Bethany College, since Bethany students were scheduled to leave that day for spring break. The main clinic at the Army Reserve Center began in the afternoon. The hospital hotline was expanded to fourteen phone lines. More than 3,000 calls came in on the first day; the clinic continued through Monday.

On Friday night, so many people came that the volunteers couldn't keep up with them all. People stood outside in the cold for three hours or more waiting to get their vaccine. Yet they reacted with grace under pressure.

"I'll never forget seeing one of the woman doctors from the hospital standing in line with her kids for two hours," Sheehan says. "When she saw me, all she said was, 'Thank you for what you're doing.' I almost burst into tears. Here was a physician who could have gotten her hands on some of this vaccine and taken it home to her kids. Instead she chose to be a part of the community. I'll never forget her face. I could run into her at the Mall of America in two years, and I would know her in a second. It gave me goose bumps."

At this final clinic, Besser-Wiek coordinated taking 3,000 throat cultures from children. The information gleaned from them could

help scientists better understand the dynamics of the outbreak and provide information for the future. "It was a major operation," Besser-Wiek says. "We had about 50 people involved in taking the cultures, and 13 microbiologists analyzing the results over the course of a week. We had people working through the night, specimens being flown from Mankato to the Twin Cities by helicopter. We all were excited that there was something we could actually do. That isn't always the case."

On Monday, March 6, Sheehan dispensed some of the last vaccine and reflected on one of the community's finest hours. "I said to my husband afterward, 'I've never been in such a wonderful place,'" says Sheehan. "When I left Mankato on that Monday, exhausted, feeling like I'd never worked so hard in my life, I felt like I'd move to that town in a heartbeat if we both found jobs there. There's something very special about that community. Everyone checked their egos at the door. Decisions were made in a unit, as a group."

The community watched and waited. Would this be the end of it? Had the enemy been routed? By now, nearly 30,000 people had been vaccinated and given rifampin. Days, then weeks, went by without another case. Only when it appeared that the bacteria had finally been thwarted was there time to ponder the lessons that had been learned.

"The teamwork and community spirit so visible throughout Mankato's response to the outbreak were inspiring," says McBeth. "We kept the focus on what needed to be done, trusted and worked with each other in a professional way, and respected the knowledge that everybody brought to the table. The teamwork developed through those relationships and that trust was critical to our success in responding."

IN THE TWIN CITIES, OSTERHOLM WAS BACK TO BUSINESS AS USUAL. In early August he took a few minutes to reflect on what had happened in Mankato. John Janavaras lost his life to the disease; the whole town had been touched. "It was a monumental effort," he says. "This was a D day invasion task force kind of thing. We used a multidisciplinary approach to dealing with the outbreak that involved many different programs that trained people at the U of M: Nursing, the School of Public Health, the Medical School, Pharmacy, and Education."

Why did the meningitis outbreak occur in Mankato? "We just don't know," says Osterholm. "There simply is no biological explanation beyond the fact that the bacteria was somehow introduced into that population." How and why the bacteria spread into West High School and from there into the community at large also remains a mystery. One thing Osterholm knows for sure is that his adversary will return to fight another day.

"There will be more outbreaks of *Neisseria meningitidis*—associated disease in Minnesota," he says. "It's a matter of when and where. Every Minnesota community should know that they could be the next. At the same time, the risk of any one community having an outbreak is extremely small. For the average Minnesotan, the risk of getting the bacteria is substantially less than that of being struck by lightning."

A FEW WEEKS LATER, ON AUGUST 20, OSTERHOLM RECEIVED MORE ominous news from Mankato. A case of Legionnaires' disease had just been reported at Immanuel-St. Joseph's. Over the next few weeks, the community braced itself for another fight. ■

University of Minnesota Alumni Association Members

# You're An Automatic Member in the Outdoor Store... And That Means SAVINGS!



**We rent or sell:** travel accessories, backpacks, sleeping bags, tents, stoves, cook kits, camping accessories, BWCA maps, winter jackets, hiking boots, walking shoes, river sandals, socks, outdoor clothing, t-shirts, rainwear, polar-fleece jackets, sweaters, X-C skis, snowshoes, and more.

**Rentals require** a University of Minnesota Alumni Association card **OR** a current fee statement **OR** a current staff card.

Your Outdoor Adventure & Travel Outfitter

## Faculty & Staff Appreciation Sale:

Fri., Dec. 1 10am—8pm

Sat., Dec 2 10am—5pm

**10% OFF EVERYTHING IN THE STORE**

## St. Paul Student Center

University of Minnesota

2017 Buford Ave.

St. Paul, MN 55108

625-8790

Mon 9am—5pm

Tue-Sat 10am—5pm

Wed 10am—8pm

## Ski Swap

**Bring in Gear: Nov. 7 & 8**

**Gear on Sale: Nov. 9, 10, 11**

Buy and sell new and used X-C skis & downhill skis, boards, snowshoes, winter gear, and outdoor clothing.

## St. Paul Student Center Candlelight Concert Series

Max Morath: Nov. 30

Join us for dinner & entertainment. Call 625-7772

for tickets and more info on series.

## Bicycle & Camping Gear Swap

Second week in May

Buy and sell bicycles and camping gear.

Center for Outdoor Adventure and the Outdoor

Store feature **FREE X-C SKI Rental** on

Wednesdays from 3—6pm, Jan. 3—Feb. 14, 1996.

—Must have University of Minnesota Alumni  
Association Card.

Your Alumni Association membership includes free membership at the University of Minnesota Outdoor Store. The Outdoor Store is a buying association which can save you 20—30% on quality outdoor equipment and clothing.

UNIVERSITY OF MINNESOTA

Office of the Vice President for Student Development and Athletics

# He Can Dish It Out, But Will America Take It?

Stan Hubbard is betting the family reputation  
and \$100 million that America will prefer its  
TV broadcast directly via satellite.

Some say he's got his head in the clouds—  
Hubbard prefers to call it vision

BY KAREN BOROS



**S**tanley Stub Hubbard seems to bristle at the suggestion that a genetic need drives Hubbards onward to the next and the newest while the rest of the world is deciding it might be safer to wait and see. It all started in 1923 when Stanley E. Hubbard founded what is believed to be the first commercial radio station in the country, broadcasting dance music from the Marigold Ballroom in Minneapolis. Selling products on the radio seemed like an outlandish idea at the time, but it worked and the station quickly expanded to add the nation's first radio news department.

Stanley E. was fifteen years into the radio business when the National Broadcasting Company announced regularly scheduled experimental television broadcasts in New York City in 1938. The broadcasts featured "live talent" every Tuesday and Thursday evening at 8:00 p.m. Three afternoons a week NBC aired charts and still photos for engineering tests. Television did not sound like something a wise person would waste much time or money on.

But that same year the Old Man, as he came to be affectionately known, bought the first RCA television camera ever sold and demonstrated this new media by televising a parade viewed on half a dozen monitors set up in the Nicollet Hotel.

Stanley S. Hubbard was five years old when he first saw television.

To appreciate the Old Man's foresight one has only to look back at broadcasting in 1938. Radio receiver sales in the Twin Cities that year topped \$1 million as Minnesotans became fans of Ma Perkins, Baby Snooks, Amos 'n' Andy, and variety shows headed by Bing Crosby, Kate Smith, and Rudy Vallee. KSTP started the broadcast day with *Yawn and Stretch* and launched *Strictly off the Record*, billed as a gossip column made possible by the station's portable recording equipment.

Radio was not yet twenty years old and already it was doing a nice job of supporting the Hubbard family. A lot of people figured the medium of the future was radio, and the Hubbards were in on the ground floor.

But the Old Man could see the future, and so could the Kid, and what they saw was television.

**T**he Kid grew up in broadcasting. He and his brother Richard, who died in an auto accident in 1972, were no strangers to the Old Man's office, where they sat in on meetings and were ready when someone asked their opinion. Stanley S. learned his way around the broadcast business while other kids played with Tinkertoys. Broadcasting was more fun than toys and it was about to become a lot more interesting.

Ten years after that televised parade, KSTP-TV went on the air as the first NBC affiliate in the nation and the first television station between Chicago and the West Coast. It might have happened sooner, but World War II got in the way of progress.

"We love new stuff," says Stanley S. Hubbard, who is now chair, president, and chief executive officer of Hubbard Broadcasting Inc. "When others hear of new things they say, 'God, it's going to cost me. What's it going to do to my bottom line?' We love new stuff."

"New stuff" is not usually good news for people who own television stations. The arrival of small video cameras in the mid-

1970s, for example, meant that millions of dollars worth of then-state-of-the-art television equipment was suddenly worthless. So worthless, in fact, that you could not give it away. People who ran television stations had to junk everything and start over again with unreliable equipment no one knew how to operate or repair.

Most held on to the old technology as long as possible, but Hubbard couldn't get enough of the new cameras fast enough. While other stations stayed with film, KSTP used the new videotape cameras—"action cams"—to produce live shots for every news broadcast. And those broadcasts were tops in the ratings.

The guy who gave action cams to Minnesota got his first paycheck in broadcasting as a teenager pushing a broom. It was about then that he enrolled at the University of Minnesota. Most people explain their choice of a university with a lot of high-minded academic reasons. Not so with Hubbard.

"I wanted to play hockey," he says, and while he made the team, by his own account he was not a significant player. While he was discovering that his hockey skills were less than stellar, he also found that, for the first time, he could be a pretty decent student. Hubbard started out in General College. Looking back, he now says he learned more in two years of General College than he had in four years of high school.

When Hubbard graduated with a degree in sociology, he thought about going on for a master's degree, but the broadcasting business was too much fun to ignore—even more fun now that he knew how to be a good student. It was the student Stanley S. Hubbard whose ability to study broadcasting technology, and understand the audience, brought change to Minnesota. Even when change was not something Minnesotans wanted.

In 1954, when the Hubbards first broadcast in color, viewers were not altogether pleased. Back then, a black and white television set could easily cost \$300, a month's wages, at a time when you could buy a new house in Bloomington for \$12,000. The idea that something so expensive might become obsolete did not sit well with a generation that had survived the double whammy of the Depression and a world war. Color television was even worse. The picture was lousy. The cost was out of sight. And not much was broadcast in color. But that didn't stop the Hubbards. Four years later KSTP-TV became America's first all-color station. The viewers got color whether they wanted it or not.

The Hubbards had once again dragged Minnesota into a new age of broadcasting, bringing change to the land where change was—and is—viewed with suspicion. And the man behind the change became a man Minnesotans love to hate even though they barely know him.

Stan Hubbard is not someone you would pick out of a crowd as a media mogul. He looks more like the kid who shows up to run the projector than the guy who owns the theater. Hubbard is pleasant company, solicitous almost, and despite his own nice manners, he does not shy away from answering rude questions, even the really messy ones about news anchors.

"Stan is extremely inventive and a creative genius," says Frank Magid, chair and CEO of Frank Magid and Associates, who has been Hubbard's broadcast consultant for 25 years. According to Magid, Hubbard can see possibilities others don't see, and while he is sometimes frustrated he is "not one to be put off by naysayers."

The naysayers have had a field day with Hubbard since 1981 when he applied to the Federal Communications Commission for a direct broadcast satellite (DBS) permit. At the time it was

thought to be a far-fetched concept: television pictures beamed directly into an eighteen-inch dish in a private home from a high-powered satellite. Not only was the idea far-fetched, it came with a \$100 million price tag.

The naysayers knew the future belonged to cable television and even if Hubbard could get a satellite launched—a big if—the American television viewers would not junk the reliability of a cable system for a \$700 satellite dish.

For the next twelve years it looked like this time Hubbard finally had gone too far. Deal after deal fell apart until, late in 1993, Hubbard's United States Satellite Broadcasting (USSB) joined Hughes Communications aboard the nation's first direct broadcast satellite, which roared into orbit on a rocket launched in French Guyana.

Today Hubbard has five of the sixteen transponders on the satellite 22,300 miles above the equator, giving the company 25 to 28 channels of broadcasting power. Back on planet Earth, there are more than 700,000 privately owned satellite dishes—a number that is growing at the rate of 1,000 a week—and the company should be making money by the beginning of 1996. (To make money in the satellite business, USSB charges subscribers a monthly rate and pays companies with programs to offer—HBO, for example—a percentage of the monthly take. The more subscribers USSB has, the more attractive it becomes to those with programs. The more programs, the more attractive the company is to subscribers.)

"The first challenge was to get the thing going, get the satellite launched, and that was not easy," says Hubbard, who isn't wasting much time on the last laugh to which he is certainly entitled. "There were many, many days and evenings that were very discouraging before we finally got the deal put together."

For the record, Hubbard sees nothing wrong with being a naysayer. (He, for example, never believed Rollerblades would be popular.) But he doesn't waste time bad-mouthing those who do not agree with him. Instead, he has learned that it can be useful to understand your foes. "You have those whose apple carts may be upset," he says. "The cable companies used to say DBS stands for 'Don't Be Stupid.' They have an ax to grind and they want to say anything they can to kill you."

Cable companies have every reason to regard Hubbard and satellite broadcasting as the enemy. So far, according to Hubbard, half of the satellite dishes sold have been sold in areas served by cable, and half of those who sign on with USSB are quitting cable to do so.

And the worst is yet to come, says Hubbard. He thinks the cable companies and telephone companies "are going to eat each other alive," and when the dust settles DBS will be the easy-to-understand broadcast choice and far less expensive than the competition.

It may be a victory, but waiting to win has taken a toll, says Magid, who describes the years between the idea and the reality as "very difficult."

"I know he spent a lot of time getting turned down by New York bankers," says Magid. "People he believed were bright and good business people thought DBS wasn't going to work."

"DBS was not Hubbard's folly," adds the consultant. "He was the one who was being realistic, and he was frustrated because others couldn't see what he saw."

Now that Hubbard has the satellite and the subscribers, the obvious next question is what will be broadcast on all of those channels? Already USSB viewers have a choice of eight HBO channels,

Cinemax, Showtime, MTV, Nick at Nite, the Movie Channel, and a CNN-like All News Channel. As the nationwide audience grows larger, so will the broadcast options, says Hubbard.

"Obviously, 1 percent of the whole nation is better than 1 percent of the Twin Cities," says Hubbard, who has used the example of broadcasting opera to illustrate the possibilities of DBS. One percent of a local or cable audience that might be interested in opera broadcasts would not be economically viable, but 1 percent of the national DBS audience could be 1 million homes—an attractive group for advertisers selling classical music on compact discs. On the flip side, those same advertisers are not likely to spend money on a mass audience that includes few music lovers.

DBS offers television as we have never known it. There could be a university lecture channel with the best lectures by the world's best professors, channels devoted to children's programs, science, religion, medical study, and, of course, news. It would be possible to follow U.S. presidential candidates live.

"This has tremendous potential," says Magid, who believes the Twin Cities could become a major center for television production, generating thousands of jobs—maybe not this year, but within the next five years, as the audience grows.

"It would be foolish to put tons of money into something when you've only got a million and a half homes," says Hubbard, "but as that grows and accelerates, and the wheels turn faster and faster, and there are more homes, then it behooves people to put money into programming to attract more homes to attract more money."

Conus Communications, another Hubbard brainchild, is an alliance of 110 television stations that share satellite news-gathering technology. (With 110 stations, the Conus network has roughly half as many affiliates as ABC has.) When disaster strikes, satellite dish trucks converge on the scene as local stations look for the local angle in a story far from home. In that way, Conus has also changed the way America gets the news.

"When we started Conus [in 1984], we made it possible for a local TV station to set its own agenda," says Hubbard. "Prior to that time you had to wait for the network news to get the big story." The television networks scoffed at the idea that their affiliates would run to cover a story themselves rather than wait for the experts from New York, but they aren't scoffing any more.

**I**f the Hubbard story were to end right here it would obviously end on a happy note, but all is not well on University Avenue under the tower. KSTP-TV, which dominated the local news ratings in the late 1970s and early 1980s, routinely finishes third in a four-way news race. And the station's reputation as a place with a revolving door adjacent to the anchor desk continues.

Hubbard is saddened by the ratings and the reputation, the first a product of neglect, he says, the second of what he sees as intense newspaper coverage of the arrival and departure of news anchors.

"An anchor is like a quarterback on a football team," says Hubbard. "You produce and get touchdowns or you're gone."

The going has not always been graceful. Guards have been posted to keep departing staff members from leaving with company property. Final paychecks have been withheld until final broadcasts have been completed to assure a polite public farewell. Folks have been escorted from the building, and no one, on either side, has ever been shy about filing suit and letting a judge decide who was wronged.



"He picked the worst possible time," says former KSTP-TV anchor Cyndy Brucato, who adds that Hubbard tends to catch people by surprise when he fires them and, in her case, had never signaled that anything was going wrong. "It was a shock. It felt like hell. It was awful," says Brucato, now deputy chief of staff for Minnesota Governor Arne Carlson. "I've got a scar I'll carry for the rest of my life. But if it hadn't happened then, it would have happened eventually."

It has been nearly ten years since Brucato left KSTP, and the years have given her a broader view of the television business than she had at the anchor desk. Anchors know the day they're hired that someday they're going to get fired and that every station in the country has a revolving door, she says. "I was pretty damn lucky because anyone could have been there doing what I was doing," says Brucato, who calls her years at KSTP a "peak career experience."

The revolving door at KSTP has turned viewers against the station and against Hubbard, according to Magid, who must now try to restore the station's ratings. If the revolving door angered viewers, it sometimes astonished the competition.

"We always puzzled over [Hubbard's] personnel policies," says longtime Hubbard competitor Ron Handberg, who was news director and general manager of WCCO-TV when the station was second in the ratings behind KSTP-TV. Handberg says he was confused by Hubbard's apparent lack of concern for employees. But there was no confusion about Hubbard's competitive zeal or about his willingness to spend money to keep his station in first place. "He was always first with new technology and he knew how to use it for a competitive edge," says Handberg. "He also knew how to promote the use of that new technology. As a news competitor, he was as tough as they come."

Brucato recalls that Hubbard was a regular visitor to the newsroom during the glory years, and despite her somewhat rocky departure from his payroll she has nothing but praise for his ability to fuse new technology with the substance of news. "Stanley understood the technology but he was also able to see beyond that," says Brucato, who wonders if television managers today understand any technology aside from the remote control. "He had a gift for making the technology work for you."

Given his competitive spirit, it seems hard to believe that Hubbard is content to see his Twin Cities television station at the bottom of the ratings, but when it came time for him to make a choice between KSTP-TV and DBS, he chose to pay more attention to, and spend more money on, the satellite operation. "We're in third place, yes, and I don't like that," says Hubbard, who tried to divide his time between the two ventures only to see both suffer. "All of the money has been going into this other thing. Our company was on the brink of having to sell something."

The television station that once sent its crews out in a Mercedes-Benz fleet bought Chevy Citations and racked up 150,000 hard miles on them. The station that used to buy new field cameras every year went years without a purchase.

KSTP-TV might be down but it isn't out, says the guy who signs the checks. In the past year, as USSB has started to take in some money, Hubbard has spent \$10 million on his television sta-

tion "making up for lost time." He has also put his son Rob, whom Hubbard describes as "a hell of a lot smarter than I ever could have been," in charge of it. Hubbard expects to see KSTP-TV move up in the ratings within the next year.

Like his father, Rob Hubbard was just a kid when he got into the broadcast business. When he was seventeen, he was building Hubbard station KSAX-TV in Alexandria, Minnesota. Nor is he the only Hubbard who has come to work for Dad. Son Stanley E. Hubbard is in charge of USSB, daughter Kathryn Rominski is executive director of the Hubbard Foundation, daughter Julia Coyte sits on the Hubbard board of directors, and daughter Ginny Morris is president of Hubbard Radio Stations.

All five Hubbard children grew up troubleshooting the broadcast business and solving problems at the family dinner table. And like their father, all five went to the University of Minnesota, which Dad points out is handy to the office "and also a good school."

Despite growing up with the business, Morris had not planned on a career in broadcasting. She was nineteen years old and just finished with her freshman year in college when her father suggested that she come to work at the station for the summer. It was okay if she decided she didn't like broadcast-

ing, he said, but he wanted her to give it a try. Morris went to work in the promotion department as part of the team working on the State Fair and summer parades. She loved it immediately.

"He's been terrific," says Morris of her dad. "He allows us to make our own decisions and our own mistakes. He allows us to learn." She is quick to add that when her father disagrees with her or one of her siblings he says so, but he also lets them do what they think should be done.

Five years ago, Hubbard asked Morris if she would take over KSTP-AM. If the radio staff had any reservations about the boss sending his relatively young daughter in to take over, they were uncharacteristically quiet. Morris thinks the staff felt neglected before a member of the Hubbard family arrived at the little Art Deco building in Maplewood.

"She's got her grandfather's knack for radio," says the proud father who has also given Morris the reins to KS95, the family FM station.

"What I like about radio," says Morris, "is it's immediacy." And that's what Morris has learned to market. A seven-second delay allows her to keep the most offensive babble from being broadcast, setting up a cat and mouse game with the free spirits on her airwaves.

Morris has given the Twin Cities Barbara Carlson, the woman who has never had a thought or experience too private to share, and who once had her backside tattooed while she was broadcasting. It might be wild and crazy at the AM station, but the ratings have more than tripled during the Morris years. Not bad for a person who had no intention of making a career in the broadcast business until her father invited her to "give it a try."

"You've got to let them operate and let them make their own mistakes," says Hubbard of his children. "I learned long ago that, as long as it's honest and above board, there's a lot more than one way to do things. These people run this company on a day to day basis. And I," he adds with a very straight face, "give interviews."

**"An anchor is like a quarterback on a football team. You produce and get touchdowns or you're gone."**

# THE FORBES NINE

THESE EXECs PARLAYED JOBS IN GOLF, GRASS, GROCERIES, AND LAW — AND DEGREES FROM THE U OF M — INTO THE TOP RANKS OF CORPORATE AMERICA

BY VICKI STAVIG

Even as a young boy, Bob Gower—now Dr. Bob Gower—exhibited the traits that would eventually take him to the top rung of the corporate ladder. While his first job—mowing lawns—attracts many kids in search of a little spending money, Gower took his venture a step further.

Down the road from his family's home in southern Illinois was an abandoned graveyard. "It was all weeds and grass up to your neck," Gower recalls. And it was an opportunity.

Gower copied the names from hundreds of headstones, then set out to locate relatives. "I found about 55 of them and contracted with them to clean the plots and keep them up," Gower says. "I did that through high school and college."

That initiative, that work ethic, has served Gower well over the years. Today he is CEO and chair of Houston-based Lyondell Petrochemical Corporation, a \$5 billion company with 2,700 employees. Lyondell operates in two primary areas: petrochemical products and a joint petrochemical refining operation with the Venezuelan government.

Gower, '63 Ph.D., is one of nine University of Minnesota alumni recently included in *Forbe's* list of chief executives of America's 800 biggest public companies. The others are Duane L. Burnham, '63 B.S.; James A. Johnson, '65 B.A.; William J. Miller, '67 B.S., '70 J.D.; Don R. O'Hare, '43 B.S.; Lee R. Raymond, '63 Ph.D.; George A. Sissel, '66 J.D.; Robert J. Ulrich, '67 B.A.; and Michael W. Wright, '61 B.A. While the companies these nine alumni head represent a variety of enterprises, the seven CEOs we were able to talk with (Ulrich of Dayton Hudson and Burnham of Abbott Laboratories were not available) share some common traits that have moved them to the head of the class. They are voracious and tenacious, competitive and compassionate. They are willing to accept a



Don O'Hare came out of retirement in 1994 to take the helm of Sundstrand again.

challenge, and they are willing to fail. They have the ability to see what is possible and to make possibility into reality.

Bob Gower had held several positions with Atlantic Richfield Company before being named senior vice president of planning in 1985, when the company was heading into a major restructuring. As part of that process, the company's operations were separated into two groups: profitable and nonprofitable. Gower was asked to head the latter, which had been losing \$200 million a year.

While a lesser man might have thought he was being set up to fail, Gower enthusiastically accepted the challenge—and succeeded. "We brought it to a break-

even point within nine months," he says of the operation that today is Lyondell, a publicly held company.

A good challenge, says Gower, gets the adrenaline going. "I have really enjoyed this," he says. "It's the sort of thing most people don't ever get an opportunity to do, to run an operation that was really sick and turn it around. My peers at Atlantic Richfield thought I was crazy for taking the job. They thought it would fail, be shut down, or be sold."

Not only did Gower turn the company around, Lyondell has been included in a book titled *The 100 Best Companies to Work for in America*, a particular source of pride for its CEO.

"I think I am a strong leader," says Gower. "I can develop a vision, get people to buy into that vision, make it their vision, and make it one we can accomplish."

Gower credits the University of Minnesota—and chemistry professor Edward Leete in particular—with instilling in him the confidence necessary not only to survive, but to succeed. "Before I started working on my Ph.D.," he says, "I never dreamed I was capable of doing it. It was a time I wasn't at all sure of my ability, but those three years really built my confidence."



Bob Gower refined a dying company into Lyondell Petrochemical, which grosses \$5 billion annually and employs 2,700 people.

**“It’s the sort of thing most people don’t ever get an opportunity to do, to run an operation that was really sick and turn it around. My peers at Atlantic Richfield thought I was crazy for taking the job.”**

Confidence combined with an ability to enjoy the lighter side of life, to balance seriousness with a sense of humor, is apparent in each of the seven CEOs we visited. And, they say, while meeting a challenge is invigorating, it also is fun.

“It’s fun, absolutely,” says Don O’Hare, the 73-year-old CEO and board chair of Sundstrand. “That’s the key. I’m doing this because I enjoy it.”

O’Hare describes himself as “somewhat recycled.” He retired as Sundstrand’s board chair in 1989, then returned as CEO and board

chair in 1994 when his successor accepted another offer. When he retired, however, O’Hare wasn’t ready to kick back and put his feet up. He continued with Sundstrand as a director and consultant until he was called back to “active duty.”

Sundstrand, based in Rockford, Illinois, designs and manufactures aerospace and industrial products. “We supply components and subsystems for all the major aircraft in the world,” says O’Hare. “Our industrial products include power transmission equipment, air compressors, and pumps.” Sundstrand has 11,000

employees worldwide and annual revenues of \$1.5 billion.

When he is told that one of his employees describes him as a "gentleman's gentleman," O'Hare chuckles and is clearly pleased. "I'm flattered," he says. "I try to be fair and to be a good listener. I also try to be consistent. I think a good manager is predictable. People should know in 95 percent of the situations how you will react."

O'Hare entered the world of commerce early, working in a grocery store "back in the days when customers gave me their lists and I filled their orders from the shelves. Then I totaled their purchases on the back of an envelope."

He drove a gas delivery truck while he was studying at the University of Minnesota, and he joined the navy following graduation. He talks about his affection for civil engineering professor Otto Zelner and for the University. "Professor Zelner was a marvelous man who had a great impact on my life," says O'Hare. "He was a great, great man. And the education I received at the University is a keystone to my success."

**L**ike O'Hare, Mike Wright traces his entrée into the work world back to a grocery store, where he was a bagger. In a sense, he has come full circle. Although he hasn't bagged anyone's groceries in many years, Wright is now chair of the board and CEO of Minneapolis-based SuperValu, the twelfth-largest food retailer in the country with 43,000 employees and sales of \$16.6 billion.

Wright credits his father with instilling in him respect for hard work, education, and integrity and the University with providing him the skills necessary to oversee the operations of 297 corporate-owned stores and 442 franchised and licensed stores in 31 states.

He didn't set out to run a business. While he was practicing law for thirteen years with Dorsey & Whitney in Minneapolis, SuperValu was one of his clients. "After a number of years working with SuperValu's management, I was invited to join the company as senior vice president of administration," he says. That was in 1977. One year later Wright was elected president and chief operating officer. In 1981 he was named CEO, then assumed the additional responsibilities of board chair the following year.

"Being competitive has made a big difference in my character and in my career," Wright says. "I'm not a believer in the philosophy that losing builds character. Losing builds losers. Individuals and teams learn to lose and, yes, so do businesses. You build more character winning with humility, and you want to make winning a habit."

**G**eorge Sissel, too, left the University armed with a law degree and wound up as CEO and president of one of his client companies—Ball Corporation. The company, headquartered in Muncie, Indiana, has 13,000 employees and revenues of \$2.6 billion. "This is an interesting ship to sail," says Sissel, who taught naval history and naval weapons courses at the University of Minnesota from 1961 to 1963, then enrolled in law school here.

Ball manufactures home canning jars and metal cans for bev-

erages and food and will soon enter the plastic bottle business. The company also owns and operates an aerospace company in Boulder, Colorado, that accounts for \$300 million in annual revenues.

In early 1994, Ball's board of directors asked Sissel to serve as acting CEO while it conducted a search for someone to fill the position permanently. After a year, the board elected Sissel to the post.

"The biggest challenge and the biggest realization was that I had had enough experiences and enough background that I could handle being chief executive of this large enterprise," he says. "When I started out as acting CEO, I thought the company needed some help, and I thought I could provide some stability. Over the course of a year, it was a challenge to see whether the best I could do would be adequate. I began to conclude that I could do this on a permanent basis and do a competent job."

No stranger to hard work, Sissel watered the fairways and greens on a Colorado golf course from 9:00 p.m. to 4:00 a.m. when he was a young man. Now he is successfully nurturing a much larger enterprise.

"I think all of us in positions like this are fundamentally aggressive competitors," Sissel says. "We wouldn't have been able to get here and stay here if we weren't. There is a lot of competition, but I try not to be overly aggressive. I try to be a solid, low-key competitor, probably because of my personality."

Sissel has great respect for the education he received at the University of



Mike Wright takes a bite out of the competition as CEO of SuperValu, the twelfth-largest food retailer in the country.

Minnesota and lists three men who served as role models for him in the Law School: William Lockhart, Carl Auerbach, and Bob Stein. "The University helped me to form a sense of discipline and careful thinking and to be a person willing to look at opportunities and to analyze them with some degree of precision," he says.

**W**illiam Miller, too, practiced law for several years, including a stint as associate general counsel for Control Data. In 1992 he accepted an offer to become CEO of Quantum, the largest hard-disk-drive supplier in the world. Based in Milpitas, California, Quantum has annual revenues of \$3.4 billion, some 10,000 employees, and operations in California, Colorado, Massachusetts, Indonesia, Singapore, Ireland, Switzerland, and Malaysia.

Miller attacks his duties with both vigor and a sense of humor. "I think, for anyone managing an enterprise, you can't take yourself too seriously," he says. "You have to have a sense of humor or you'll have trouble coping. I never thought about where I would end up. I've never had a career plan in my entire life. I did what I thought was interesting and challenging. It's not a great way to plan your career, but it worked well for me. I just take things as they come. I focus real hard on what I'm doing and don't worry about what I'm going to do next." (Miller has since retired.)

In fact, Miller says, several years ago he decided to take a break from the business world, sold his house, put his furniture in storage, and spent seven months in Europe and the Caribbean. "It



As CEO of Quantum, William Miller headed the world's largest supplier of hard-disk drives.

**“I’ve never had a career plan in my entire life. I did what I thought was interesting and challenging.”**

wasn't a great crisis or anything, it was just something I wanted to do,” he says.

The most important thing he learned at the University, says Miller, was *how* to learn. His sense of humor—Miller says he initially studied chemical engineering and “I was doing great up until the explosions, but they were small explosions”—is readily apparent. He, too, considers himself a competitor, not only in business but in every aspect of his life. What does he do to relax? “I will play any game you can explain the rules to, maybe not with skill but with a great deal of enthusiasm,” Miller says.

Unlike the others, Lee Raymond has spent his entire 32-year career working for the company—Exxon—that he now heads as CEO. Based in Irving, Texas, Exxon is an international oil and gas company that employs 85,000 people and has operations in some 100 countries.

“It’s been exciting,” he says. “I probably have accomplished a lot more than I ever thought I would. The biggest challenge is to try to keep your own perspective on what it’s all about. Where is the whole thing going and what is the objective? That applies to business and to personal responsibilities.”

## Words of Wisdom

*What advice do these CEOs have for those just entering the business world and those looking to move up the ladder?*

**Bob Gower:** "Number one, have confidence in yourself. Many people don't use anywhere near their maximum capability, because they don't have confidence in themselves and it shows. Maybe they surround themselves with weak people or become defensive or paranoid. Number two, it's extremely important to make sure you broaden yourself and the skills necessary for the job and for life in general. Third, make sure you give something back to the world rather than just take from it."

**Jim Johnson:** "I would give the same advice a Boy Scout leader would give: Work hard, be honest, and apply yourself. I don't think there are any tricks to any of this. You need good solid values combined with hard work and using your talents to the best of your ability."

**William Miller:** "Find something you really like doing. You have to get out of bed a lot of mornings, and if you're going to do that easily, it's important that you have something you look forward to."

**Don O'Hare:** "Define what you really enjoy doing, then find a place where you will have the opportunity to expand your knowledge in that field. Go with absolutely the best company you can find that gives you the opportunity to practice your profession. Then keep your head down and do a better job than anyone else and opportunities will come to you. If you have an opportunity, take advantage of it."

**Lee Raymond:** "Come early, stay later, and work hard. There aren't any tricks in this game."

**George Sissel:** "Never be afraid to try something new and don't be afraid to fail. Try to do things you can't do; go find out. Very often you'll be surprised. No one should be criticized for trying and failing. Be willing to take some personal risks."

**Mike Wright:** "Get all the education and the best education you can. The world is continuing to change, and there are more and more exciting opportunities out there for those who are prepared. Have an attitude where you put in the extra effort, the extra work, and never underestimate the importance of the people you work with and how they help you succeed. Treat everyone with dignity. And remember to keep your ego under control. Excessive egos have ruined more careers than they have helped."

Raymond's father, a career chaplain in the air force, was a big influence, instilling in his son a strong work ethic, high standards, and character. Growing up in South Dakota, Raymond worked on his grandfather's farm and went on to hold a variety of jobs before enrolling at the University of Minnesota, where he found three excellent role models and mentors: chemical engineering professor Arnie Fredrickson and Regents' Professors of Chemical Engineering Rutherford Aris and Neal Amundson.

They helped to mold his mind, but Raymond already had a strong desire to compete. "I don't think you end up in any of these jobs without having a pretty strong competitive streak," Raymond says. "This isn't a wrestling match. It's difficult to conceive of someone ending up running a company who didn't set for himself a pretty high level of achievement."

As a fifteen-year-old boy taking care of the greens and fairways at the public golf course in Benson, Minnesota, Jim Johnson had no idea that one day he would head the Federal National Mortgage Association (Fannie Mae) as its chair and CEO.

Nor would he have known about any of the other positions he has held over the years: executive assistant to Vice President Walter F. Mondale; founder of Public Strategies, a consulting firm; managing director at Lehman Brothers. Johnson also has been on the faculty at Princeton University and was a staff member in the U.S. Senate.

Fannie Mae, a congressionally chartered, shareholder-owned company based in Washington, D.C., is the nation's largest provider of home mortgage funds. Johnson was named head of the association in 1991 and launched an initiative to produce \$10 billion in low- and moderate-income loans by the end of 1994. Fannie Mae achieved the goal more than a year ahead of schedule.

"I'm a competitor, and I think it helps," Johnson says, "because it's another way of talking about motivation. People who are highly motivated generally tend to have high performance and through competition, in many cases, comes discipline. You have to think about what you are doing, what your competitor is doing, and how you might end up on top. It also involves anticipation, the ability to think ahead, to see how things will unfold during competition."

Johnson's four years at the University were, in some respects, a family affair. His father, Alfred I. Johnson, was a member of the Board of Regents from 1959 to 1965, and his sister was a year ahead of him in her studies here. "I have wonderful memories of the University," Johnson says. "The education I got was absolutely first-rate. I went to graduate school at Princeton and later taught there, so I have a good point of comparison."

In talking about the people who influenced him both personally and professionally, Johnson cites Mondale, Bruce Dayton of Dayton Hudson Corporation, and David Maxwell, his predecessor at Fannie Mae. Asked about his major accomplishments, Johnson responds, "The most important accomplishment anyone can have is to be loyal to their core values, and I think I have done that."

Holding to their beliefs while successfully meeting the challenges that have come their way has brought these seven CEOs not only financial rewards, but also confidence, pride, and respect. They consider themselves successful, but not necessarily in a way that conjures up visions of wealth and elaborate lifestyles.

"To me, success is doing something you genuinely enjoy doing and doing it with people you enjoy being with," says O'Hare.

Sissel echoes that sentiment. "I consider myself successful in the sense that I'm very pleased with what I'm doing and the life I'm leading," he says. "Success is being content. Financially, I'm adequately successful, but I don't yearn for tremendous financial wealth. I think I'm successful professionally and in my relationships with family and associates, and I feel I'm on the road to becoming a successful president and CEO."



Jim Johnson has gone from tending greens at a public golf course to overseeing greenbacks at the Federal National Mortgage Association, the nation's largest provider of home mortgage funds.

**“People who are highly motivated generally tend to have high performance and through competition, in many cases, comes discipline.”**

Says Gower, “I consider myself successful, because I think I’ve used a fair amount of my ability. To me, that’s what success is. Do you use the skills and abilities you were given? Do people like you and respect you? Do you have credibility? Do you return something to the community? I often say a CEO should be good enough at the job that he could be elected if it were an open position, and I think I could be elected. Do I think I could have done even better? Yes.”

For Miller, success has many dimensions: financial, achieving your potential, working at something you like. He doesn’t like the power label that often accompanies success, saying there is a pejorative aspect to the word. “I think most of the power is in what you can enable other people to do, not in what you can order other people to do,” he says. “Business success depends more on being able to tap the potential of all the people you have working in an enterprise than on brilliant strategy coming out of the head office.”

Raymond equates success with long-term personal and pro-

fessional relationships, while Wright finds it in job satisfaction. Johnson agrees, adding, “Success also means making useful contributions to society.”

Without fail, each of these CEOs talks about the importance of people, attributing much of his success to the people around him.

“I learned that you can get people to do almost anything for you if you show them respect and treat them with dignity,” says Gower.

Raymond tells a story he heard years ago that sums up his view of the importance of people to the success of any individual or enterprise. In 1911, when the Standard Oil Trust was broken up, John D. Rockefeller was running Standard Oil of New Jersey. His managers came to him in a bit of a panic and said, “We have to decide which companies get which assets.”

Rockefeller calmly replied, “I am not going to those meetings. When you are ready to decide which people go where, those are the meetings I will attend.” ■







# Jonny Lee BearCub Stiffarm

# Woman, Warrior

For five generations, the Assiniboine have been in court fighting for their land claims in Fort Peck, Montana. Attorneys always were part of Jonny Lee BearCub Stiffarm's life. Practicing law became her dream

By Cathy Madison

S

he's a Trekkie. A jingle dancer. A grandmother, a judge, a protester who once occupied Alcatraz. But those labels hardly describe this woman with the beautiful husky voice, the dark eyes, black hair, and fine-featured face, the expressive hands. Colleague Patrice Kunesh, attorney for the Mashantucket Pequot tribe in Connecticut, does it better.

"Jonny Lee BearCub Stiffarm," she says, "is a modern woman warrior."

Jonny, as she calls herself in a familiar, everywoman sort of way, is also a University of Minnesota Law School graduate and a "rather polished lawyer," Kunesh adds. It wasn't always so. Kunesh remembers an earlier Jonny: dressed in low-slung jeans, a beaded belt, a T-shirt with an Indian design. Arriving at the Federal Indian Law Conference in Albuquerque several years ago with only \$20 in her pocket but determined to find a place for herself and her compatriots to sleep, somewhere. Just like she found transportation to get there, somehow.

"She was bound and determined she was going to be there," Kunesh says. "I knew she was going to make it, even though others would have given up. She has tenacity and a commitment to plowing ahead."

She also has a mission. It arrived early in her life and will stay late, and no one has been able to deter it.

Born in 1951 in the February cold in northeastern Montana, Jonny Lee BearCub was her mother's first child. Although she was later to acquire and get to know 34 half brothers and sisters, she was raised alone until she was sixteen by her grandparents. That was the tradition in her tribe, the Assiniboine, and it served her well.

"They instilled in me the belief that I could do anything, that anything was possible," she

says. "They taught me I was very wealthy because I was healthy, bright, and had a family who loved me. I didn't know we were poor."

BearCub Stiffarm grew up on the Fort Peck Assiniboine and Sioux reservation in a log house with no running water, but she has fond memories of "fun things"—building fires to warm the old-fashioned pump outside, bathing on Sundays in melted snow in a galvanized tub, chopping holes in the iced Missouri River to fill barrels with water—and doing hard work that didn't seem hard because everyone did it together. Although she didn't meet her own father until she was eight, she remembers having many sets of "parents" and "grandparents" watching over her, allowing her to be "wild and crazy" but not to do any harm.

She also has not-so-fond memories of making poor grades in public schools filled with racial prejudice, and being one of only six Indians who made it all the way through a high school located smack in the middle of the reservation. Her grandparents bolstered her education with extensive oral history about her culture and traditions, teaching her about spirituality, religion (both tribal and Christian), learning for its own sake, and respect for the elderly and for the environment.

And they taught her about lawyers.

"They were very active in making sure I understood and learned that I would be the next generation to strive to finally get our land claims settled," she says. "I was the fifth generation in this litigation, and we were on our third team of litigators. I knew that attorneys had a major impact on our lives."

By the time BearCub Stiffarm was nine, she had decided to choose among three occupations: attorney, ballerina (she idolized Maria Tallchief), and astronaut (she was and is a science fiction junkie). When she graduated from eighth grade, she told a teacher she planned to go to a private college, Brigham Young University.

"She looked at me strangely and said, 'You can't do that. Number one, you're poor, and number two, you're an Indian,'" says BearCub Stiffarm. "I looked back at her and thought, 'One day, I'm going to prove you wrong.'"

College wasn't in BearCub Stiffarm's legacy; her grandparents broke horses, raised chickens, combed forests to cut willow posts for fences, and worked as janitors for the local Mor-

**“WHERE**

**I came from,  
people were either  
cowboys or Indians,  
brown or white.  
There I learned  
to recognize  
the diversity  
of people, that  
they are great  
loving and caring  
human beings,  
regardless of color.”**

mon church. Her mother was in the hospital when she graduated from high school in 1969; while her friends went off to trade school, BearCub Stiffarm had to stay on the reservation and work. When she managed to save some money, she decided to spend it on a plane ticket to visit a cousin who worked for the Bureau of Indian Affairs Relocation Service in Los Angeles.

Having never been to a city larger than Regina, Saskatchewan, BearCub Stiffarm had never thought to ask what to do once she cleared the airport. In the vernacular of the times, L.A. blew her mind.

"I climbed on my trunk in the middle of the road and started crying," she says. "A police officer came, then another, and another. Finally there were ten police cars, and between them, they managed to get me to my cousin's apartment."

At a party later, she met some UCLA students who told her that a University of California group in Berkeley known as Indians of All Tribes planned to take over Alcatraz. As federal land no longer used for government purposes, the island was destined by law to revert to the Indians. Occupying it would make a nonviolent statement and draw media attention to the devastating effects of poverty on Indians, their limited access to education, and the failure of the federal government to live up to its obligations, BearCub Stiffarm explains.

She joined the protest and decided to stay, living with a family among about 150 people on the island for nearly a year.

Unable to afford college, she became a "hanging-out bum" who nevertheless learned a lot. "I had a limited perspective," she says. "Where I came from, people were either cowboys or Indians, brown or white. There I learned to recognize the diversity of people, that they are great loving and caring human beings, regardless of color."

BearCub Stiffarm got to know future leaders such as Wilma Mankiller, a suburban housewife who later became chief of the Cherokee Nation in Oklahoma. She also learned how to dig up facts and present them in an educated way, making public presentations and teaching people about conditions on reservations. She traveled and participated in other takeovers. And finally she found a way to go to school: Haskell Indian Junior College, a Bureau of Indian Affairs college in Lawrence, Kansas.

It wasn't her ultimate educational goal, but it would get her there.

College would take a while. BearCub Stiffarm spent only a year at Haskell, where she met her future husband, James "Tater" Stiffarm. Ironically, he hailed from the reservation next to her own, and the two returned to Montana to get married. When their daughter JoDene was a year old, Jonny enrolled at Dawson Community College in Glendive, Montana, where she earned an associate degree in general studies.

Then a dream, long nurtured, came true. Family in tow, BearCub Stiffarm took off for Brigham Young University, where she had won a dean's scholarship. By 1976—thanks to a minimal need for sleep, maybe five hours or so a night—she had completed a bachelor's degree in universal studies. Long gone were the barely passing grades of the grade school and high school she hated; she took honors classes, tutored, assisted her English teacher, made A's and B's.

"I really like school," she says. "My grandfather gave that to me. He taught me to appreciate the joy and beauty of learning new things."

With her B.A. completed, the possibility of law school became real. But she was pregnant with her second child, James Kipp, and immediately after he was born, "I thought I had the flu, but the flu turned into his brother Jeremy," says BearCub Stiffarm. She returned to the Fort Peck reservation, where she gave birth to a third son in 1977, and where her grandfather offered her words of wisdom she has never forgotten:

"You should have children when you're young and healthy and stay home to raise them until they're old enough. They are people," he told me. "A law school is a building made of bricks. It will be there when you want to go there. And you will go."

BearCub Stiffarm spent the next years making gingerbread houses and organizing the Indian Women's Traditional Society, which allowed her not only to introduce the symbols of her culture to her children's classrooms, but also to stay visible and make sure her children were treated better than she had been. She became active in tribal politics, worked as a tribal legislator, and served on the Traditional Assiniboine Treaty and Governing Council.

"She was a very aggressive young lady," remembers tribal chair Caleb Shields, who has known her for two decades and traveled to Denver to see her sworn into the bar. Shields acknowledges that some find her difficult, even abrasive, but he dismisses the criticism as human nature. "She sets her mind on something and goes after it," he says. "When you see people like Jonny doing what she thinks is right, it turns some people on and some people off."

"She is very intelligent and very persistent, and she knows what she is talking about," adds Ray K. Eder, tribal vice chair. "I think many men have envied her."

By the time her youngest son, Joshua, turned six, BearCub Stiffarm was ready to carry on with her next set of dreams. A friend convinced her to apply to the country's top 25 law schools, but she couldn't afford the application fees. All of the schools waived the fees, and many accepted her. Narrowing it down to Northwestern and Minnesota, she chose Minnesota. "It was very reputable," she says. "It had a strong financial aid program, and I didn't know anybody there. I'm a very social person, and I didn't need any excuses to run away from my schoolwork."

Leaving her children, then fifteen, eleven, ten, and eight, behind with her husband, BearCub Stiffarm started law school in 1987. She tried to get home every six weeks; any four-day weekend found her on Amtrak by midnight and home the next day by 3:00 p.m. To arrive back in the Twin Cities in time for a 9:00 a.m. class, she'd climb aboard at 11:00 p.m. the night before.

"Then I'd study," she says, "after I got through crying."

The University community became a

family substitute. She served as secretary-treasurer of the national American Indian Law Student Association, president of the University of Minnesota Indian Student Association, and president of the University of Minnesota American Indian Law Student Association.

School wasn't always easy, though. She wouldn't have made it without Professor Fred Morrison, who taught constitutional law, she says. When she flunked his course instead of earning the A she expected, he took her under his wing and gave her a test a week until she learned how to write. Professor Donald G. Marshall offered not only kind encouragement, but also a glimpse at how to apply law to humanistic endeavors.

"I admired her as a very mature person who was seriously interested in the uses of law for public service," says Marshall.

Its uses, she saw, would advance the causes of her people.

"Her educational pursuits were driven by the communal spirit in which she was raised," says Ada Pecos Melton, director for the American Indian and Alaskan native desk in the U.S. Department of Justice. "She has clearly accepted the full burden of carrying the torch for our people. Some accept it, some reject it, and some never take it seriously. She sees it as squarely on our shoulders, so we need to rise to the occasion."

BearCub Stiffarm's courage in the face of adversity is evident, Melton continues. "She is not afraid to be on the side that nobody wants to be on. . . . When she says Indian law, she means the law that has the most meaning to the people, not federal Indian law. She has not lost her connectivity."

When BearCub Stiffarm graduated from law school in 1990, she did not don the traditional cap and gown. She wore traditional Indian dress. It was as if, says Melton, she were saying, "You can put the law in me, but you can't take the Indian out of me."

Through summers and after law school, BearCub Stiffarm held several positions, ranging from natural resources researcher for the Fort Peck Tribal Minerals Department to administrator and director of the Children & Family Law Project at Native American Education Services College. She moved to Denver to become staff associate for the Council of Energy Resource Tribes, then moved back to Montana to become a grandmother; in fact, she helped deliver her first grandbaby.

The hectic schedule took its toll; she

# We can help



## your work load.

*Providing competent,  
thorough, efficient legal  
support services.*

### **FLATLEY**

LAW SERVICES

1500 ONE FINANCIAL PLAZA  
120 SOUTH 6TH STREET  
MINNEAPOLIS, MINNESOTA 55402  
(612) 399-0767 FAX (612) 399-0771

*The U of M  
School of Music presents*

## The 1995 Marching Band Indoor Concert

**Eric A. Becher,  
conductor**

**Sunday, November 19  
3:00 p.m.  
Northrop Auditorium**

A rousing concert of  
Gopher favorites per-  
formed with all the  
flair you've come to  
expect from the  
University of  
Minnesota  
Marching Band.

Tickets: \$7 adults,  
\$5 ages 12 and under,  
group discounts available

**612/624-2345**

divorced, reluctantly, in 1993. Feeling a need to be back among her people, she sought work with her own tribe but found no opportunities. Instead, in 1994, she took a position as chief judge for the Cheyenne River Sioux in Eagle Butte, South Dakota. The thirteen months she spent there were "the most humbling experience I've ever had," says BearCub Stiffarm. "It forced me to learn the rules of evidence and process better than ever before, and I had to realize that I did not have all the answers, that I had to weigh and balance things. What I said had impact on people's lives."

While attempting to create a better court system with limited resources, BearCub Stiffarm also had to fight local politics. The former chief judge, who had not been reappointed, was "angry and upset," she says, and mounted a campaign to unseat her based on their widely divergent administrative styles. After attorneys began taking sides, she realized the court's credibility would be jeopardized and resigned, even though the allegations against her were determined to be false.

"Respect for the court is gained by due diligence of the court in doing a very good job," she says. "You can't force people, either

by fear or retaliation, to respect you. If you're fair, you do a good job, and you gain that respect through hard work, then that is something. In a way, it worked out great. . . . What do you call it when you go through fire and come out stronger? It could have turned bitter and nasty, but people rallied around me with love and gifts. It helped reinforce for me the goodness of humanity."

**T**oday, as always, BearCub Stiffarm's life is filled with challenges. She continues to work to enhance and advance indigenous Indian justice systems and to offer the best parts of those systems to the evolution of Anglo-Saxon law. Her current position is senior court management consultant with the National Center for State Courts in Denver. An emissary to the recent UN International Women's Conference in Beijing, she also sits on the Council on Racial and Ethnic Justice for the American Bar Association Commission on Opportunities for Minorities in the Profession. She is immediate past president of the Native American Bar Association and vice president of Chi Investment Corporation, among other commitments. She publishes articles and has narrated a documentary.

She still reads science fiction, writes poetry, and loves to cook.

"Eating is an art, and I'm a connoisseur of that art," she laughs.

She is also one of the attorneys for the Crazy Horse Defense Project, which seeks to prevent Heileman and other companies from exploiting the family name of Rosebud Sioux tribe members. The attorneys are working without pay. "If we win, we've asked for attorney fees," says BearCub Stiffarm. "If we don't win, we've been prayed for by the family and we'll still get our pay."

Fellow Crazy Horse attorney and former law school colleague Robert Gough describes her as "unorthodox but traditional" and "a strong woman of presence." "She recognizes and cherishes her tribal heritage and brings a lot of that perspective toward mainstream pursuits of the law," he says. "All the time, she's thinking and seeing, weighing things out, balancing things. She's a woman of principle."

Having finally achieved the goals she laid out before she was ten and gathering honors along the way, BearCub Stiffarm is perhaps proudest of her children—now healthy, happy high school graduates with strong foundations in tribal culture. For her, that



## Radisson Hotel Metrodome. In A Class All Its Own.

Nestled in the heart of the Minneapolis Saint Paul university area, with a host of sophisticated entertainment and cultural options, the Radisson Hotel Metrodome awaits you. Guest comfort is paramount and you will find the accommodations to be among the finest. Over 20,000 square feet of flexible meeting space accommodates business groups or social gatherings. The award winning Meadows restaurant serves a tantalizing array of gourmet choices with vintage wines, classic ambiance and exceptional service. Casual dining is the trademark at McCormick's with a variety of homemade favorites. Radisson Hotel Metrodome, in a class all its own.



**Radisson**  
HOTEL METRODOME

• RESERVATIONS WORLDWIDE **800-333-3333** •

OR CALL YOUR TRAVEL PLANNER

**Radisson Hotel Metrodome**

615 Washington Ave. SE • Minneapolis, MN 55414 • (612) 379-8888

alone may be accomplishment enough.

As BearCub Stiffarm puts it, "I believe that everyone has a purpose in life, and that we're all given a responsibility to provide opportunities for everyone else to have a good life—a safe, healthy, happy one. How we go about doing that in our own individual ways is what gives us our rewards."

## Law Briefs

*A few recent milestones achieved by Law School alumni*

'46

**Richard E. Martin** is executive director of the Minnesota Trial Lawyers Association.

'47

**Millard H. Ruud** is Reditt Professor of State and Government Law emeritus at the University of Texas at Austin.

'51

Justice **John E. Simonett** received the University of Minnesota's Outstanding Achievement Award at the Law School commencement ceremony in May. Justice Simonett retired recently from the Minnesota Supreme Court after serving fourteen years.

'65

**James D. Moe** is corporate vice president, general counsel, and secretary of Cargill Inc.

'71

**James R. Berens** is president and chief operating officer of Norwest Financial Services.

'72

Judge **Michael J. Davis** was appointed to the Federal District Court for the District of Minnesota.

'73

**Joseph P. Hudson** is senior managing attorney at Hudson, Smith, and Evans in Gulfport, Mississippi.

'74

Judge **Ann Montgomery** was appointed magistrate judge by the Federal District Judges of the District of Minnesota.

Judge **Diana Murphy** was appointed to the United States Court of Appeals for the Eighth Circuit.

'75

**Gary Hagopian** is vice president and general counsel-U.S. for Procter & Gamble USA.

'78

**Thomas E. Brever** is a partner in the new law firm of Foster, Ojile, Wentzell & Brever in St. Anthony Village, Minnesota.

Minnesota Supreme Court Justice **Alan C. Page** received the Aetna Voice of Conscience Award. Given in honor of Arthur R. Ashe Jr., the award recognizes individuals for commitment to humanitarian ideals.

'79

**Teresa Bonner** is marketing and development division manager for the Hennepin County Library and executive director for the Library Foundation of Hennepin County.

Representative **Philip C. Carruthers** is majority leader of the Minnesota House of Representatives.

'83

**Robert T. Anderson** is associate solicitor for Indian affairs at the Department of the Interior. **Joseph Carter**, assistant Ramsey County public defender, has been elected to the board of the Minnesota Minority Lawyers Association.

**Mark Volpe** is executive director of Detroit Symphony Orchestra Hall.

'85

**Karen E. Sletten** is assistant vice president of business development at the Firststar Trust Company of Minnesota.

'86

**Alan J. Carlson** is the senior political officer of the U.S. Embassy in Kingston, Jamaica.

**Eileen Scallen** was promoted to full professor with tenure at the University of California, Hastings, College of Law.

'87

**H. Camilla Nelson** was appointed Minnesota's first civil rights policy director in the attorney general's office.

**Niel D. Willardson** is assistant vice president of the Federal Reserve Bank of Minneapolis.

'88

**Jan M. Conlin** is a partner in the Minneapolis

office of Robins, Kaplan, Miller & Ciresi.

**Sara Jarvinen**, an associate at Popham Haik Schnobrich Kaufman, was elected president of Minnesota Women Lawyers Inc.

'92

**Kanad Virk** is with the Washington, D.C., law firm of Skadden Arps in the international project finance group.

'93

**Alya Z. Kayal** is with the Calvert Group investment firm as an international/human rights analyst in Bethesda, Maryland.

'94

**Sally L. Benjamin** of the Merrit Furber & Timmer law firm is coauthor of *State Groundwater Regulation: Guide to Laws, Standards, and Risk Assessment*.

**Lori A. Visser** practices health law at von Briesen & Purtell in Milwaukee. ■

# Holiday Gifts

## Minnesota Style



A. JanSport's alumni sweat is an 80/20 blend that features an applique design with embroidery in maroon for a classic look. Available in M-XXL reg. \$39.95, Special UMAA Price \$31.95

B. This classic Minnesota M sweatshirt with the regent seal in ash is a 95/5 quality heavyweight fleece from JanSport that features action side inserts for comfortable wear. Available in M-XXL reg. \$32.95, Special UMAA Price \$26.35

### Our Guarantee of Quality

The U of M Bookstores want you to be completely satisfied. If, for any reason, you are not pleased with your selection, you may return the merchandise for an exchange or full refund with receipt.

C. Maroon 80/20 sweat from JanSport with full chest embroidered U of M and functional coverstitching. Available in M-XXL reg. \$29.95, Special UMAA Price \$23.95

**JANSPORT**

**Call (612) 625-2035 to order today!**

All current members of the UMAA can take advantage of this special alumni pricing by simply giving us your UMAA membership number when you phone in your order. It's never too late to join. Call the UMAA today at 1-800-862-5867 and start using the benefits of your membership. Styles and pricing available through January 31, 1996.

UNIVERSITY OF MINNESOTA  
**book stores**

LAW SCHOOL

'86 **Charles Rysavy** of Verona, New Jersey, has been named a partner at McCarter & English, the oldest and largest law firm in New Jersey.

'87 **Brad Ambarian** of Anchorage, Alaska, has been named an associate in the law firm of Lane Powell Spears Lubersky in Seattle.

COLLEGE OF LIBERAL ARTS

'48 **Fred Lukermann** of St. Paul has received the Association of American Geographers' highest honors. Lukermann is professor emeritus of

geography at the University of Minnesota.

'69 **Jon Rolf** of Manhattan, Kansas, has been named Kansas Health Foundation Distinguished Professor in Community Health. Rolf was previously a researcher at Johns Hopkins University School of Hygiene and Public Health.

'83 **Maria Schneider** of Astoria, New York, was nominated for a Grammy Award in two categories for her debut recording, *Evanescence* (Enja). Schneider, a composer, arranger, and conductor, leads her own jazz orchestra in New York.

'86 **James Doten** of LaCrosse, Wisconsin, has been named a principal at Braun Intertec. An environmental geologist, Doten joined the company in 1986.

'87 **Scott Pries** of Richfield, Minnesota, has been promoted to vice president, accounts supervisor at Miller Meester Advertising, where he was previously an account supervisor.

'90 **Warren Ryan** of Minneapolis has been named copywriter, direct marketing, at Miller Meester Advertising.

CARLSON SCHOOL OF MANAGEMENT

'48 **Winston Wallin** of Edina, Minnesota, has received the Health Industry Manufacturers Association Chairman's Award for outstanding service to the association and for contributions to the nation's health care industry. Wallin is chair of the board of Medtronic.

INSTITUTE OF TECHNOLOGY

'34 **William Rees Sears** of Tucson, Arizona, has received a \$15,000 National Academy of Sciences Award in Aeronautical Engineering. Sears is a professor of aerospace and mechanical engineering at the University of Arizona, Tucson.

'77 **Glenn Byrnes** of Klamath Falls, Oregon, has joined the Oregon Institute of Technology as an assistant professor of manufacturing and mechanical engineering technology.

'78 **Franklin Hartranft** of Plymouth, Minnesota, has been named vice president at Michaud Cooley Erickson, one of the 25 largest mechanical and electrical engineering firms in the United States.

GRADUATE SCHOOL

'62 **Rolland Dille** of Moorhead, Minnesota, has received an honorary doctorate of humane letters degree from the University of Minnesota. Dille retired as president of Moorhead State University.

'68 **Ronald Abler** of Washington, D.C., has received the Association of American Geographers' highest honors. Abler has been a professor of geography at Pennsylvania State University since 1967.

'80 **Doug Calisch** of Crawfordsville, Indiana, had his art displayed at the University of Illinois School of Architecture. Calisch is an art professor at Wabash College in Crawfordsville.

'82 **Nancy Loitz** of Bloomington, Illinois, has been granted tenure and promoted to associate professor of theater arts at Illinois Wesleyan University.

'83 **Scott Carpenter** of Northfield, Minnesota, has been granted tenure at Carleton College in Northfield, where he is an assistant professor of French.



Gopher Men's Broadcast Schedule

Schedule subject to change. See newspaper for times.

FOOTBALL

Iowa, November 25

BASKETBALL

Charleston Southern, November 28

Bethune Cookman, November 30

Nebraska, December 9

At Clemson, December 19

At Sacramento State, December 23

Mt. St. Mary's, December 28

Mercer, December 31

Illinois, January 3

At Iowa, January 6

At Ohio State, January 20

At Wisconsin, January 24

Northwestern, January 31

At Northwestern, February 10

At Michigan State, February 14

Ohio State, February 21

At Michigan, February 24

At Purdue, February 29

Iowa, March 6

HOCKEY

Michigan State, November 24

Michigan, November 25

UND, December 9, 10

Harvard, Mariucci Classic, December 29

Mariucci Classic, December 30

At Denver, January 5, 6

UMD, January 12, 13

Wisconsin, January 19, 20

Northern Michigan, January 26, 27

At UND, February 2, 3

Colorado College, February 9, 10

St. Cloud State, February 16

At St. Cloud State, February 17

At Wisconsin, February 24

WCHA Round 1, March 2

WCHA Final Five, March 7, 8, 9

'83 **Scott Ward** of Inver Grove Heights, Minnesota, has been promoted to vice president and general manager of the drug delivery business at Medtronic, where he was previously director of neurological ventures projects.

'89 **Farzad Mahmoodi** of Hannawa Falls, New York, has been granted tenure and promoted to associate professor in the Department of Management at Clarkson University in Potsdam, New York.

'93 **Donna Spencer** of Athens, Ohio, has been named writer and editor in the Office of Graphic Communications at Ohio University.

#### DEATHS

**Thomas D. Claeson, '46**, Wooster, Ohio, July 6, 1993. A professor of English at the College of Wooster, Claeson was founding editor of *Extrapolation*, the first journal of science fiction and fantasy criticism, and served in that capacity for 30 years. In 1987 he received the Eaton Award from the University of California-Riverside for the best science fiction book of the year, his *Some Kind of Paradise: The Emergence of American Science Fiction*. Claeson also cofounded the Science Fiction Research Association.

**Frederick Kappel, '24**, Sarasota, Florida, November 10, 1994. Kappel rose from line crew member for Northwestern Bell to chair of AT&T during his 43 years in the telephone industry. As head of Western Electric in 1954, Kappel introduced telephones in color instead of the usual black. Following his retirement in 1967, he served in several posts in the Johnson and Nixon administrations, including governor and chair of the U.S. Postal Service. Fourteen universities awarded him honorary doctorate degrees, and he received the Captain of Industry Award from the *Wall Street Journal* in 1973 and the Presidential Medal of Freedom from President Lyndon Johnson in 1964. A chair was endowed in his name in 1967 at what is now the University of Minnesota Carlson School of Management.

**Helen Kelly, '59**, St. Paul, Minnesota, November 30, 1994. While she was attending the University of Minnesota Medical School, Kelly became the first woman intern at the old Ancker Hospital in St. Paul. After graduating, she taught at the University of Minnesota Medical School for a year, helping to establish its family practice training. Kelly then opened a family practice clinic in Cottage Grove, where she practiced until retiring about ten years ago.

**Lois Kirkwood, '35**, Cleveland, Ohio, March 18, 1995. Kirkwood was involved with the Templum House, a shelter for battered women.

**James Lawson, '75**, Wadena, Minnesota, February 15, 1995. Lawson was the administrator of Tri-County Hospital in Wadena and a member of the Blue Cross/Blue Shield board, the Minnesota Hospital Association board, and the Minnesota Department of Health regional coordinating board. He was formerly an instructor and chief financial officer in the University's Depart-

ment of Family Practice and Community Health.

**John Lodholz, '77**, Hazleton, Iowa, June 27, 1995. Lodholz graduated from the mortuary science program at the University of Minnesota.

**Neil J. Niemi, '49**, Fraser, Michigan, January 28, 1995. Niemi joined the Chrysler Corporation in 1951 and worked as an automotive researcher until the advent of the space program. He then was transferred to the missile division of Chrysler's Flight Dynamics Group, where he worked on the Redstone, Minuteman, and Jupiter missiles, the Atlas Centaur and Atlas Agena vehicles, and the Sparta booster. Niemi retired in 1978.

**Manfred Schrupp, '35**, San Diego, Califor-

nia, February 8, 1995. Schrupp taught science and physical education at Minnesota high schools before joining the University of Minnesota faculty in 1942. He joined the San Diego State University faculty in 1948, was dean of education from 1964 to 1972, and retired in 1975. Schrupp served as an adviser for the Joint Legislative Committee on Educational Goals and Evaluation and as an educational consultant for Brazil.

**Alfred Steinberg, '40**, Silver Spring, Maryland, February 6, 1995. Steinberg wrote more than 200 magazine articles, many dealing with Capitol Hill and the White House, for publications such as the *Washington Post*, the *Saturday Evening Post*, and *Harper's*. ■

# Casual Dress

## Minnesota Style

A Classic maroon reverse weave sweatshirt from Champion with UM and Minnesota embroidered on the left chest. This sweat offers a ribbed crew neck and action side gussets for exceptional comfort. Available in M-XXL reg. \$45.95, Special UMAA Price \$36.75, XXL reg. \$48.95, Special UMAA Price \$39.15

C. This 50/50 crew sweatshirt from Champion in maroon is a comfortable 9 ounce fleece with 3" ribbed waist and cuffs. The full chest design features an embroidered University of Minnesota. Available in M-XXL reg. \$29.95, Special UMAA Price \$23.95

B. This traditional favorite from Champion sports a maroon arched Minnesota on a reverse weave ash sweatshirt. This sweat offers a full, athletic cut, long set-in sleeves and seamless shoulders. This favorite is also comes in maroon with a gold Minnesota. Available in S-XL reg. \$39.95, Special UMAA Price \$31.95, XXL reg. \$41.95, Special UMAA Price \$33.55

**Our Guarantee of Quality**  
The U of M Bookstores want you to be completely satisfied. If, for any reason, you are not pleased with your selection, you may return the merchandise for an exchange or full refund with receipt.

**Call (612) 625-2035 to order today!**

All current members of the UMAA can take advantage of this special alumni pricing by simply giving us your UMAA membership number when you phone in your order. It's never too late to join. Call the UMAA today at 1-800-862-5967 and start using the benefits of your membership.  
Sales and pricing available through January 31, 1996.

UNIVERSITY OF MINNESOTA  
**book stores**

# The Coaching of Champions

Can Jim Stephenson coach the women's gymnastics team to the nationals?

BY KAREN ROACH

**I** REMEMBER WHEN I was in college at the NCAA gymnastics championships and Bill Mead, who was the head coach at Southern Illinois, was talking to one of the newer coaches and told him it takes ten years to win a national championship," says Jim Stephenson, who is beginning his fourth year as Gopher women's gymnastics coach. "I never forgot that and I thought, If I'm ever a coach, I bet I could cut that in half, which I'm trying to do. But Bill Mead is a pretty smart guy."

Stephenson, who came to Minnesota from the University of Utah, helped lead the Utes to two national championships as assistant coach. "I didn't want to leave Utah unless I was moving to a place where I felt the possibility for success was very high," he says.

Chris Voelz, Gopher women's athletic director, was pivotal in recruiting Stephenson to Minnesota. Other magnets were the facilities and the gymnastics community. "I saw an opportunity to move into a situation of great potential," he says. "The University's relationships with high schools and clubs is an important link, and my responsibility is to strengthen that."

Stephenson prefers to sidestep the subject of Voelz's firing of Katalin Deli, who coached the Gophers from 1973 to 1992. Deli and her husband, assistant coach Gabor Deli, have repeatedly sued the University; the most recent lawsuit was dismissed and appealed in 1995. "I've never met the Delis," he says. "I told the team the first day, we don't look back, let's focus on what we can do today and on our plan for the future."

An outspoken advocate for Voelz, Stephenson concedes that the women's athletic program could use a clean slate. "When the media want a point of view in support of Chris, I've been the person they've come to," he says. "I don't mind, because I very much believe in her and what she's trying to do. It's been difficult to watch. I have a lot



Gopher women's gymnastics coach Jim Stephenson watches intently as one of his athletes competes at a recent event.

of respect for her just being able to survive [the controversy]."

Stephenson is assisted by former U.S. national team member Trina Tinti and by his wife, Meg Stephenson, who has nearly two decades of coaching experience and is the newly elected president of the National Association for Collegiate Gymnastics Coaches for Women.

Stephenson has adopted a coaching philosophy that he read on the wall the first day of his freshman year at Iowa State Uni-

versity: Form and technical execution should never be sacrificed merely to increase the difficulty of an exercise. "Ever since that day, I have tried to train and coach like that," he says. "Gymnastics is not a sport of how many times you can flip and twist, it's a sport of how beautifully you can perform the skills in your routine."

During Stephenson's first season at Minnesota, the team finished in sixth place with a 4-17 overall record. Last year, the Gophers climbed to fourth place, posting a 14-11 overall record, breaking eight school records—including the team scoring record and multiple records in the vault, uneven bars, and balance beam—along the way. "It's very important to win. In fact, winning is the most important thing," Stephenson says. "It's also important to understand that there are lots of different ways to win. Beating your opponent is one way, but it's not necessarily the most important way. Winning at a personal level actually does a lot more to develop your character."

At the team's awards banquet last spring after a third winning season, Stephenson congratulated the gymnasts on making big adjustments to a new coaching staff, new training philosophies and methods, and new expectations. "Our two seniors left here feeling like they had a wonderful experience. Even though their bodies were tired and beat up, they didn't want to be done," he recalls. "I looked at them and all the transitions they had to make—the coming together of a team that shared in the misery of practice in the effort to attain a goal—and I look at that as a winning season."

This year, the team would love to break some attendance records. The average attendance at home meets hovers around 1,650—about half of the average crowd at meets elsewhere. Stephenson describes the Sports Pavilion, which seats 5,700, as "the finest facility I've been in for women



because it's the perfect size. It's set up with all the bleachers on two sides—there are no end zone seats—which is excellent for observing gymnastics..”

Leading the Gophers in 1995-96 are two Minnesotans: sophomore Mindy Knaeble of New Hope and junior Kristen Vandersall of Plymouth. In her freshman year, Knaeble tied a school record of 9.85 in the balance beam and earned all-Big Ten honors with her third-place finish at the Big Ten championships. Vandersall tied a school record of 9.90 on the uneven bars and also competes in the floor exercise. “We don’t have a couple of superstars,” says Stephenson. “We have thirteen stars and they’re all very solid, consistent gymnasts.”

The Gophers welcome two recruits in 1995-96: Jenny Mazzone from Sparks, Nevada, and Cathy Keyser from Plymouth, Minnesota. Mazzone suffered two knee injuries after she signed with Minnesota, and Stephenson’s primary concern is to provide her with a home away from home and to work to regain stability in her knee. Keyser lived in Minnesota until she was twelve, when she moved to Texas for two years to train with Bela Karoli. She then moved with her family to Australia, where she competed for the Australian Institute of Sport for four years. She called Stephenson last year and said she wanted to come back to Minnesota. “She does a lot of international-quality gymnastics and will be a huge boost to our program,” he says.

“Recruiting is a lot of fun when it works,” says Stephenson.

Most athletes want to jump on the bandwagon of success, and you can’t blame them for that, he says. “It’s a reality, it’s hard to get a really top-level kid to say ‘You know what I want to do? I want to go to Minnesota and I want to help them become the best team in the country.’”

“You don’t find people who think like that, so each year you try to recruit a little bit better, but you’re up against top teams like Utah, Georgia, UCLA, and Alabama. There are kids who from the day they started gymnastics when they were five years old were saying ‘I want to go to UCLA,’ and twelve years later when they’re recruitable, they’ll walk into UCLA before they’ll take your scholarship.”

Stephenson tells recruits he expects them to work hard enough so that at the last meet of their senior year, they’re the best they’ve ever been. Taking a team and moving it into prominence, carrying with him the objec-

tive of winning a national championship, makes sense to Stephenson.

Culminating his third and most successful season at Minnesota by being named co-Big Ten Coach of the Year (“I think my team rigged that somehow,” he says modestly)—an honor he shares with Michigan coach Bev Plonki—Stephenson begins the new season convinced that the Gophers will give five-year powerhouse Michigan competition for the Big Ten title. And he has his bags packed for a trip to nationals, where the country’s top twelve teams will compete.

“This is a Division I women’s gymnas-

tics program that has survived well through twenty years and has developed considerably in the past few years,” says Stephenson. “We’re evidence of a commitment that extends from the athletic administrator’s office down through the coaching staff to the members of the team.

“When I came here, I found that this University had everything you need to be successful, which is a very good thing unless I fail, and then I’m the weak link in the equation,” he chuckles.

By all accounts, Stephenson is on the path to victory. ■

# Team Coverage

## Minnesota Style

**A. Gear Big Cotton sweatshirt** with an embroidered Goldy and the Minnesota M on the left chest. 80/20 combed cotton with reinforced stitching.  
Available in S-XL reg. \$38.95  
Special UMAA Price \$31.15  
XXL reg. \$41.95  
Special UMAA Price \$33.55

**B. Gear 80/20 combed cotton sweat** in maroon with M tackle twilled Minnesota embroidered on the left chest. Side seam construction for great durability.  
Available in S-XL reg. \$41.95  
Special UMAA Price \$33.55  
XXL reg. \$44.95  
Special UMAA Price \$35.95

**C. Gear Big Cotton sweatshirt** in ash with the Minnesota M tackle twilled. Comfortable 80/20 combed cotton fabric with an onlathic rib V-inset for great looks.  
Available in S-XL reg. \$57.95  
Special UMAA Price \$46.35  
XXL reg. \$59.95  
Special UMAA Price \$47.95

**Our Guarantee of Quality**  
The U of M Bookstores want you to be completely satisfied. If, for any reason, you are not pleased with your selection, you may return the merchandise for an exchange or full refund with receipt.

**Call (612) 625-2035 to order today!**

All current members of the UMAA can take advantage of this special alumni pricing by simply giving us your UMAA membership number when you phone in your order. It's never too late to join. Call the UMAA today at 1-800-862-5867 and start using the benefits of your membership.  
Styles and pricing available through January 31, 1996.

# THE CLASSIFIEDS

## BUSINESS

PDI/Meredith/Lincolnshire  
Career Management Services Division of

### PERSONNEL DECISIONS INTERNATIONAL

#### **C. David Jones, CPC, FOPI**

Vice President & General Manager, B.S.B., M.B.A., and  
Ph.D. Candidate, University of Minnesota

750 Minnesota Center, 7760 France Avenue South  
Minneapolis, Minnesota 55435-5851  
612-921-0400; Fax: 612-921-1633

### AMERICAN ENGINEERING TESTING, INC.

**Brian J. Pashina, P.E., '72**  
Institute of Technology,  
Principal Engineer

2102 University Avenue W.  
St. Paul, Minnesota 55104  
612-659-9001

### FULLERTON LUMBER COMPANY

#### **Fred Rengel, '77**

College of Natural Resources,  
Product Manager, Commodities

608 2nd Avenue S., Suite 1100  
Minneapolis, Minnesota 55402-1937  
612-339-9511; Fax 612-339-6459

### LAUKKA DEVELOPMENT COMPANY

#### **Larry Laukka, '58**

College of Liberal Arts,  
Townhomes and Condomiums • Development  
Coventry in Edina • Parkers Lake in Plymouth

3300 Edinborough Way  
Edina, Minnesota 55435  
612-896-1971

## REAL ESTATE

## ENGINEERING

### **BRAVING THE ELEMENTS?**

#### **Let us help you...**

In Minnesota, where *outside* conditions range from blizzard to drought and temperatures plummet from 100° F in July to a bonechilling -20° F in January, the last topic you should have to think about is the climate *inside* your building.

#### **The good news is...**

Despite the variations in weather conditions, our engineers design heating, ventilating, air conditioning, and plumbing systems that create comfortable interior environments and maintain temperature, humidity, and ventilation rates appropriate to a building's use.



**Michaud Cooley Erickson**  
Consulting Engineers  
(612)339-4941

## MAKE THE U OF M CONNECTION

Share info with your classmates and help support  
MINNESOTA and the University of Minnesota  
Alumni Association (UMAA) at the same time.

**Six issues for \$600**  
**UMAA members: \$300**

FAX us—612-626-8167  
PHONE us—612-UM-ALUMS, 624-8490, or  
SEND us your business card today—MINNESOTA,  
501 Coffman, 300 Washington Avenue SE,  
Minneapolis, MN 55455



## UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

# National President

## Family Affair

With both sons off to college, our house is empty. The telephone, which rang constantly during the summer, is quiet except for the occasional caller offering credit cards or carpet cleaning. The hordes of kids who populated our downstairs are gone.



Linda Mona, '67

The University of Minnesota, on the other hand, is packed—every dorm room, commons room, and nearby hotel room is filled with students who heeded the University's call to enhance their student lives by living on campus.

An estimated 71 percent of all incoming freshmen will be living on campus this year. This is a dramatic change: As recently as seven years ago, only 49 percent of incoming freshmen were living in campus housing.

Improving the quality of the student experience is one of the objectives of University President Nils Hasselmo's U2000 strategic plan. The president and many others are convinced that increasing the number of freshmen living on campus is a first step. To foster a sense of community, the University announced that freshmen who signed up for on-campus housing by a given date would be guaranteed a dorm space. With housing guaranteed, incoming freshmen signed up for on-campus housing in unprecedented numbers. Our son Kirk is one of the lucky ones to be assigned to Sanford Hall.

Looking back on my University of Minnesota education, I fondly recall my accommodations at Bailey Hall on the St. Paul campus. Improving the student experience and encouraging students to live on campus is just one area in which the goals of the University of Minnesota Alumni Association (UMAA) and the University are in lockstep. The University always has presented a rich menu of opportunities for students, but the ability to take advantage of those opportunities has been limited for a student body that historically left for home in midafternoon.

As we approach the end of the fall quarter, there are strong signs that the strategy is paying off.

During orientation, the Minnesota Student Association asked interested students to sign up for a leadership seminar series. The target of the drive was to enlist 50 students. The result: More than 125 students signed up.

Equally impressive numbers of students attended New Stu-

dent Weekend. When Kirk returned from his weekend at Camp Friendship, the magic had worked. His appetite was whetted for an adventure in learning and independence. The name may have changed (it's still Freshman Camp to me), but the message remains the same: Although the University is a big place, it provides enormous opportunities for friendship and learning experiences.

What's happening on campus this fall is neither coincidence nor good luck. Things are changing, and they are changing for the better.

Remember those huge classes from your days on campus? The average class size now is 27 students. Registration procedures have been improved. Over the past decade, the ratio of advisers to students has improved by some 50 percent. This year UMAA mentoring programs will reach more than 1,000 students, and the UMAA has undertaken many other collaborative efforts to help students take advantage of the wonderful resources available at the U and in their community.

What does this mean to you as parents and alumni? Applications to the freshman class were up some 14 percent from the year before. And graduation rates are on the rise. It is sometimes said that the value of your degree is tied to the *current* reputation of the college or university from which you graduated. If that's the case, we can all take comfort in the changes going on this fall at our University.

First impressions are the strongest, and the University administration, aided by your alumni association, is clearly focused on making the new student experience a positive one.

So what can you do to help?

How about getting involved in the mentoring program? This is an easy way to link up with a student who can benefit from the practical applications you've been able to derive from your University education. For more information on the mentoring program, call the alumni association at 612-624-2323 or 800-UM-ALUMS and ask for Bob Burgett.

Or how about getting involved in your community helping to link prospective students and their parents to the University and alumni living in the area? If you think you don't have time to take part in one of those programs, how about becoming a talent scout recruiting new University students from your community?

The message is clear. The University of Minnesota is looking for the best of our high school students, and once they've made a commitment to attend the University, they will find that the University has committed itself to ensuring that their time here is well spent.



# Making the Grade

## A Salute to Great Teachers

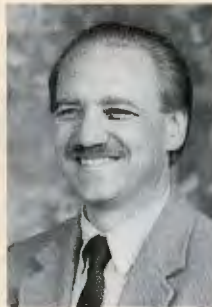
**T**his year marks the 30th anniversary of the Horace T. Morse-Minnesota Alumni Association Award. Since 1965, 230 faculty members have been honored for excellence in undergraduate teaching, research, advising, academic program development, and educational leadership. Since 1987, the University of Minnesota Alumni Association has been proud to cosponsor the award, which represents the highest recognition the University community bestows on its most distinguished scholar-teachers. In addition to receiving a sculpture and a commemorative plaque, winners receive a \$1,500 augmentation to their annual salary for as long as they remain at the University; their respective departments receive \$2,500 annually for three years for use by the recipient.

### Christopher Anson,

associate professor, English,  
College of Liberal Arts

*I only really began to teach when I started asking what my students were doing when they learned. . . . I have tried in everything I teach to ask myself a key question about the relationship between the subject matter and my methodology: What can I do in and with the class to make the material come alive?*

Students and colleagues talk about Chris Anson with a remarkable consistency, noting his enthusiasm and joy in what he does and how well he does it. One student expresses regret that Anson “cannot clone himself” so that more students can benefit. Anson cares about students as learners and as people, and he listens to each student as someone with important contributions to make. In several sections of large classes, he has encouraged students to keep a “dialogue journal” with a partner, and he has written and spoken extensively on the research that their experiences prompted. Anson is a scholar who studies how and why students write and what makes them effective and imaginative when they write. He consciously integrates his research and his teaching, continuously exploring methods that will engage students in active learning.



Christopher Anson



David D. Biesboer

### David D. Biesboer,

associate professor, plant biology,  
College of Biological Sciences

*I tell my students that, if nothing else, I want them to learn something that will make them informed citizens with the ability to analyze and vote intelligently on future biological issues.*

“I don’t know what you do exactly,” a professor once told David Biesboer, “but my students seem different after they have you in class.” Biesboer, then a graduate student at Indiana University, never forgot those words. Eventually he came to realize that the most important things he transmits to students are not facts but rather attitudes, values, and behaviors. Since his first days at the University in 1980, he has acquired a reputation for legendary clarity and a genial manner that make his lectures stimulating as well as informative. At the University’s field station in Itasca, he launched a plant biology course in a setting where he and his students can “live and breathe biology” every day. In his long involvement with the Center for Minnesota Studies in International Development, including three years as director, he created an innovative curriculum for preparing students to live and work in developing countries.

## Joan B. Garfield,

associate professor, educational psychology,  
General College

*As long as I can remember, I have always wanted to be a teacher. . . . I wanted to be the kind of teacher who made learning exciting. . . . got to know her students and their lives, and created innovative learning environments for young children. I never envisioned myself as a college teacher of statistics.*

As an undergraduate, Joan Garfield avoided statistics. "Boring and impossible," her friends called it. But when her graduate school major required that she finally take her first statistics course, she loved it. She was so inspired by the instructor that she gave up the idea of teaching elementary school math in order to teach college statistics instead. She set her mind on taking the terror and anxiety out of it for others. Students in her classes learn by doing—by assessing life activities, observing, taste testing, role playing, even counting raisins. They create and gather their own data and learn to analyze it in a practical manner. The question that drives her teaching and her research is: How can we improve the teaching of statistics so that all students can master the content? Her students feel she is already doing just that.

## Emily E. Hoover,

associate professor, horticultural  
science, College of Agricultural, Food,  
and Environmental Science

*[In my experience, science] classes never had enough time for all the content, let alone for making connections. By connections, I mean not only linking facts to theory but doing so in a way that shows science to be a powerful, fascinating way to perceive the world. . . . I want my students to make those connections.*



Joan B. Garfield



Roger S. Jones

Emily Hoover wants students in her classes—whether it's a general biology course for 300 generalists or a fruit crop management course for a handful of majors—to go beyond memorizing to integrating and applying scientific principles. Thanks to her innovations, they do. Hoover has developed "decision cases" to build students' skills at analyzing complex situations and computer simulations that model real-life growing conditions. Among the active learning techniques she has introduced in her large classes is expressive writing. Students individually write their answers to a question; then they discuss them in small groups at the next class. As a result, they ask more and better questions, and do measurably better on tough test items.

## Roger S. Jones,

associate professor, physics,  
Institute of Technology

*My perennial desire [is] to share the wonder and excitement of learning with others. . . . I believe that an ability to empathize with students and to struggle to approach the subject as a novice, rather than as an expert, is an invaluable skill in teaching in general, but it is absolutely essential to introductory learning.*

A frequent comment on student surveys, and one Roger Jones especially appreciates, is that he really cares about students. He communicates that by his demeanor, his open and friendly responses to questions, and his willingness to deal with students as peers in a collective effort to improve the intellectual experience of the University. Students call him "my favorite instructor," "one of the best teachers I have ever had," and "one of the best professors here at the University of Minnesota." His department head expresses the opinion that Jones is "consistently the best introductory course instructor among almost 50 physics faculty members." To foster student interaction, Jones took the initiative to find informal study space in the physics building and he got Salvation Army sofas to furnish the space. The remarkable result is a room where students work together in small groups.



## Helen Rallis,

assistant professor, College of Education  
and Human Service Professions,  
University of Minnesota, Duluth

*I teach teachers how to teach so that they . . . can make a positive difference in the lives of their students. My commitment to empowering people to shape their own lives and to think for themselves has been the driving force behind all that I have done in my teaching, research, and service.*

A teacher of teachers, Helen Rallis makes her classes unusually demanding—"just as teaching will be," says a former student. Yet Helen—as all her students call her—receives consistently high teaching evaluations because of her amazing ability to motivate, inspire, and challenge. "No teacher has ever pushed me that hard," reports another student, "and never have I been so proud of the end result." As a child growing up in South Africa, Rallis observed firsthand how profoundly teachers could affect young minds by what and how they taught, and by how they treated their students. "The nature of the learning experience not only affects what students remember," she says, "it affects how they feel about themselves." To prepare future teachers, she teaches by example. Her teaching by modeling empowers students "to make decisions for themselves" and teaches them "to function as ethical, caring members of their future teaching community," says her department head.

## Geoffrey M. Sirc,

associate professor,  
English and composition,  
General College

*Teaching first-year writing is a very special privilege . . . it's really a student's introduction to the University. . . . My students have an unoccluded opportunity*



Geoffrey M. Sirc

*to learn something of themselves as people who really can thrive in higher education, and to see the enterprise as personally engaging.*

Geoffrey Sirc has created a unified professional life in which teaching, research, and service inform—indeed, create—each other for the benefit of his students, who are among the University's most challenging to teach. A former student who struggled with learning disabilities says, "By demonstrating a belief in my ability to write and through maintaining an encouraging environment to persevere, [he helped me] overcome many of my personal apprehensions about writing." Sirc was the primary architect of a revolution in the now nationally recognized General College writing program, which interweaves many innovative practices, including cutting-edge technology for writing by computer. One result of his work is that students who entered the University underprepared are attaining unprecedented success in their degree programs.

## Charles E. Speaks,

professor, communication disorders,  
College of Liberal Arts

*I subscribe to my department's philosophy that our mission is "to instill an attitude that questions may be more valuable than answers, that knowledge is seldom revealed in a single flash of insight, that research requires painstaking and programmatic activity."*

Inside the classroom, Charles Speaks is known for inspiring students and convincing them that they are capable of far greater accomplishments than they had thought. Outside the classroom, he works tirelessly on his students' behalf. When Speaks couldn't find a suitable textbook for his course in acoustics, he wrote one. Since then, *Introduction to Sound: Acoustics for Speech and Hearing Sciences* has been hailed as a book that was clearly written with teaching in mind. Speaks also was instrumental in setting up and participating in a teaching apprenticeship program that pairs every doctoral student

with three faculty members, each of whom directs the student in a teaching assignment. Despite the pressures of being department chair, he has unfailingly adhered to an open-door policy for students and takes time to write individual letters of recommendation for students who are applying to graduate school.

## Charles J. Sugnet,

professor,  
English literature,  
College of Liberal Arts

*I believe the most important things I'm teaching are critical reading ability, critical writing ability, and the ability to discuss an issue coherently, taking a position based on discernible evidence. This means I have to leave the students room to formulate their own thoughts.*

To Charles Sugnet, viewpoints opposite to his own not only are welcome, they are strongly encouraged. "In my classroom," he says, "I want that rubbing of different voices against each other. It helps to maintain interest, and the student learns to formulate and express an opinion." According to a colleague, "Charlie's tolerant, easygoing manner and his commitment to unorthodox points of view give him a peculiar facility for both provoking and gently guiding spirited conversations in which students produce sophisticated interpretations based on their own collective insights." A scholar of Shakespeare, feminist studies in literature, creative writing, and postcolonial literature, he has consistently initiated or helped initiate new areas of research, study, and instruction that have become departmental strengths. To help students arrive at their own interpretations of literary works, he encourages informal writing, which he refers to as "thinking on paper."



Charles J. Sugnet



John L. Sullivan

## John L. Sullivan,

associate professor,  
political science,  
College of Liberal Arts

*I believe that [students] have within themselves the vital resources needed to understand the world. It is my responsibility and my privilege to help them develop these resources. Given the opportunity to explore issues with a strong moral or spiritual component, students often exhibit passion they did not know they had.*

John Sullivan hasn't delivered a traditional class lecture in years. Not that he wasn't good at it—his lectures were quite popular. But, he says, "I found that I, not the students, did most of the intellectual work and reaped most of the intellectual benefits." So he redesigned his classes to encourage active student involvement, and the results have been gratifying for teacher and students alike. "As the class progressed, I realized that a wonderful thing had happened," writes one former student. "We, as students, were learning from each other." Sullivan hooks the students with topics he thinks will engage them, aiming to teach more universal principles and theories in the process. Perhaps the highest praise for Sullivan came from a student at Carleton College, where Sullivan was once a visiting professor. "Ironically," says the student, "my best teacher at Carleton worked for the University of Minnesota."

*Contributed by the writers of Kiosk, the newspaper by and for University of Minnesota faculty and staff.*

## 100 Candles for the Big Ten

Did you know that eight of the nation's twenty largest academic libraries are in Big Ten institutions? That 25 percent of federal research funding is awarded nationwide to Big Ten institutions? That more than 70 Nobel laureates have been faculty, students, or researchers at Big Ten institutions? That four million degrees have been conferred on alumni in the conference? These facts and figures—and a century of achievement in athletics—were included in a *Chicago Tribune* commemorative section

highlighting the 100th anniversary of the Big Ten Conference.

The *Tribune* saluted standout players and coaches across the spectrum of sports, including Mychal Thompson, chosen as the Gophers' best-ever men's basketball player, Laura Coenen, one of five hoopsters named to the women's basketball first team, and Carol Ann Shudlick, an honoree on the second team. Named to the all-time, all-Big Ten team in football were Minnesota's Bronko Nagurski, Clayton Tonemaker, and Paul Kiel.



Margaret Sughrue Carlson,  
'83 Ph.D.

In August, Linda Mona, national president of the University of Minnesota Alumni Association (UMAA), and I were among the University of Minnesota's guests at the Big Ten anniversary gala kickoff at the Palmer House in Chicago, the site of the founding of the conference in 1896. Each of the eleven institutions saluted two graduates who participated in athletics as undergraduate students and who have distinguished themselves in their careers. Given the legions of stars who have made headlines in college as well as after graduation, this was a true challenge for each institution.

Some of the winners were President Gerald Ford, Michigan football, who spoke to the audience via video; Manny Jackson, Illinois basketball, majority owner and chair of the Harlem Globetrotters, who now lives in the Twin Cities; Janice Voss, Purdue tennis, who was an astronaut on the *Endeavor* space shuttle; and P. Sue Beckwith, Iowa basketball, chief of surgery at a Des Moines hospital. Sharing the spotlight from the University of Minnesota were Norman Borlaug, a wrestler and winner of a Nobel Prize for his development of ERA wheat, and golfer Patty Berg, cofounder of the Ladies Professional Golf Association.

As Minnesotans, we swelled with pride when the 76-year-old Berg received the only standing ovation given to the winners who were present. There was uniform recognition that she was a pathbreaker, a woman ahead of her time, and a role model for women and men alike.

Our pride increased when Minnesota alumnus, humorist, and author Garrison Keillor was introduced as the keynote speaker.

Keillor's remarks were irreverent, humorous, sincere, and on target. "At the University of Minnesota, I was fortunate to come into contact with magnificent teachers and great writers," said Keillor,

adding that through their tutelage and guidance, he has been able to earn a living doing what he loved to do as a child. "This is a long leap for a young person to make. The University helped me to take the leap and get away with it. I owe a debt to the University of Minnesota, and indirectly to the Big Ten, and I could spend the rest of my life paying it off."

The Big Ten was "one of life's basic organizing principles," said Keillor. "There was the Trinity, the four seasons, the seven days of the week, the nine planets, and the Big Ten—this was before the other school was added."

Not an athlete himself, Keillor tweaked the audience by saying, "It is not the worst thing for a child to grow up loving a losing team. It only deepens the loyalty. This is the gift of athletics—to teach loyalty as a powerful emotion."

Painting a picture of an athletic event as a "great, gorgeous pageant" with music and camaraderie, Keillor said, "It may seem to be a long way to the classroom and library, but there is a direct connection in the heart of those of us in the stands when we feel connection to those on the athletic field. They are loyal to the same things we are."

Keillor called on his listeners to be active supporters of higher education as it comes under scrutiny by public officials. "Our demagogic politicians embrace as the first, second, and third principle that the public wants taxes reduced. But [the public] also wants to lose weight by eating ice cream, nickel beer every night, and the freeways deserted." Cutting support for public higher education and jeopardizing the opportunities of future generations, is "cynical," said Keillor.

"I never tire of reminding people that none of the radicals and revolutionaries on their biggest day came up with anything as revolutionary as the idea of giving the very best public education to those who do not have the means to pay for it—regardless of background." Public education within everyone's reach is "what the American dream is all about."

Keillor left the audience with a challenge: "Public education will get hurt unless all of us who owe our lives to it will stand up and speak up for it."

Thinking back on this event, it seems ironic that we had to go to Chicago to appreciate the University of Minnesota for the important role it plays in so many lives as one of the nation's pre-eminent institutions of higher learning. We may have been eleventh in the Big Ten in football last season, but our graduates were singled out for their contributions to the worlds of science, arts, literature, and athletics and the University's great heritage was recognized by all. Our athletes are not just athletes, but also students on the road to life achievement.

Sports has the power to help us make the connection between learning and our accomplishments in sports and life, and I think that was Keillor's message. As we were leaving the event, we rode in the hotel elevator with a gentleman who noticed our name tags. Turning to us, he said, "This was a big night for the University of Minnesota. You can be proud." We were and we are. ■



# The Minnesota Lamp

Sirrica, LTD. is proud to announce the availability of the University of Minnesota Lamp.

The distinctive University of Minnesota Seal is vividly re-created in gold on the black parchment shade. This classic desk lamp is hand-polished and hand-assembled of the finest solid brass and features a solid black marble base and centerpiece. Indeed, the lamp makes an impressive statement of quality about the owner.

You can also have your lamp personalized with an engraved brass plate affixed to the marble base. The University of Minnesota Lamp is a tremendous value as you are able to purchase direct from Sirrica, Ltd.

Of course, you must be completely satisfied with the quality of your lamp or you may return it within fifteen days for exchange or refund.

Whether selected for your personal use or as an expressive, thoughtful gift, the University of Minnesota Lamp is certain to command attention.

**For faster service, credit card orders may be placed by dialing toll free  
1-800-346-2884.  
All callers should request to speak with  
Operator 857M.**

**NOTE: For Christmas delivery, all orders must be telephoned or postmarked by  
December 10.**



Symbolizing a tradition of excellence for the home or office.  
Solid Marble; Ht. 22"; Wt. 8 Lbs.; Solid Brass

## REPLY FORM

## UNIVERSITY OF MINNESOTA LAMP

Please accept my order for the following University of Minnesota Lamp(s)

\_\_\_\_\_ University of Minnesota Lamp(s) @ \$159.00 each.  
(Include \$8.00 for insured shipping & handling charges.)

\_\_\_\_\_ I wish to have my lamp personalized @ \$20.00.

PERSONALIZED \_\_\_\_\_  
Full Name \_\_\_\_\_ Year of Graduation \_\_\_\_\_ Degree \_\_\_\_\_

\*On shipments to North Carolina, add 6% sales tax.

I wish to pay for my lamp(s) as follows:

By a single remittance of \$ \_\_\_\_\_ made payable to Sirrica, LTD., which I enclose

By charging the amount of \$ \_\_\_\_\_ to my credit card indicated below:  COLLEGE DISCOVER  MARYCASH  VISA

Full Account Number: \_\_\_\_\_ Expiration: \_\_\_\_\_  
Month \_\_\_\_\_ Year \_\_\_\_\_

SIGNATURE: \_\_\_\_\_

TELEPHONE: ( \_\_\_\_\_ ) \_\_\_\_\_

MAIL ORDERS TO:

SIRRICA, LTD.  
P.O. Box 3345  
Wilson, NC 27895

CREDIT CARD PURCHASERS MAY  
CALL TOLL FREE 1-800-346-2884

Please allow 4-6 weeks for shipment.

All Callers should ask for Operator 857M.

PLEASE PRINT PURCHASER'S NAME CLEARLY. IF "SHIP TO" ADDRESS IS DIFFERENT, PLEASE ATTACH SHIPPING ADDRESS TO ORDER FORM.

NAME \_\_\_\_\_

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

UNIVERSITY OF MINNESOTA

ALUMNI ASSOCIATION

501 Coffman Memorial Union

300 Washington Avenue SE

Minneapolis, MN 55455-0396



## Home improvements. To the Nth degree.

*You've got plans. Ambitious plans. Time for a home equity loan from Norwest. Competitive rates. Tax deductible interest. No closing costs. And you can start your application over the phone, 24 hours a day, just dial N-O-R-W-E-S-T (667-9378). TDD users call 291-4718. Use the money for whatever your heart or home desires. It's one more way we go to the Nth degree. Home Equity Loans.*



To The Nth Degree™

© 1994 Norwest Bank  
to new home loans \$10,000  
must be owner

N.A. Member FDIC. Twin Cities only. Contact your tax advisor regarding interest deductibility on second mortgage refinancings if \$10,000 or more is used to the purposes or with other offers. Proper use must be owner

deductibility. Certain restrictions apply. Offer applies to second mortgage loan only. Not for purchase of Real Estate in Twin Cities.

