

# MINNESOTA

University of Minnesota Alumni Association



Introducing  
40 Outstanding  
Alumni Under 40

NASA Flight Director  
Michele Brekke



*Every business lunch at the Alumni Club comes with a distinctive view of the city.*

# How to get your business off the ground.

**W**hen you're running a successful business, you've got to be on top of it all. Year-round.

Which is why you should become a member of the University of Minnesota Alumni Club.

At fifty stories above the Twin Cities, the Alumni Club offers you the ambience of some place special—an elegant restaurant and conference center with a spectacular view of the city.

Our gourmet menu, attentive service and magnificent skyline all combine to create a stimulating environment, which can have a profound effect on you—and more importantly, on your guests.

Flexible. Private. Functional.

The Alumni Club is the true difference between first choice and second best.

Between making the right or wrong impression. Between doing business at the top or the bottom.

To learn more about how to get your business off the ground and into the University of Minnesota Alumni Club, write or call the Minnesota Alumni Association at 612-624-2323 Monday through Friday, and we'll send you everything you'll need, to get you to the top.

## NEW!

**With the University of Minnesota Alumni Club membership card, members enjoy these additional benefits, absolutely free:**

- 50% discount off regular room rates at the Omni Northstar. 10% to 50% discount at any one of the 35 Omni/Dunfey Hotels throughout the country.
- 10% discount on all dinners at the Orion Room and the Northstar's Rosewood Room.

UNIVERSITY OF MINNESOTA

**ALUMNI CLUB**



50TH FLOOR IDS TOWER

# MINNESOTA

University of Minnesota Alumni Association

MIN  
M66

JULY/AUGUST 1987

VOLUME 86, NUMBER 6

## FEATURES

<b>40 Under 40</b>	
Introducing our special issue on outstanding alumni under the age of 40	
Mary K. Baumann: A youthful editor for <i>Time</i> By <i>Mathews Hollinshead</i>	8
Kevin McHale: The Boston Celtics' little big man By <i>Chris Niskanen</i>	9
Kate Green: One of those kids who always wrote By <i>Deane Morrison</i>	10
Judith Young: An outstanding young astrophysicist shoots for the stars By <i>Kimberly Yaman</i>	11
Roxanne Givens: Real estate developer meeting special needs By <i>Lisa Ray</i>	12
Norman Ornstein: A critical thorn in Washington politicians' sides By <i>Bjørn Sletto</i>	13
Andrew Leicester: Controversy is a medium for this environmental artist By <i>Mathews Hollinshead</i>	14
Stephen Paulus: Orchestra composer and cofounder of Minnesota Composers Forum By <i>Deane Morrison</i>	15
Patrick Redig: Rehabilitator of our fine feathered friends By <i>Joy Powell</i>	16
Rebecca Blank: A Princeton economist with a social conscience By <i>Marta Fahrenz</i>	17
Ron Tobkin: Minnesota agribusinessman By <i>Barb Weiler</i>	18
Peter MacNichol: The play's not the thing By <i>Blaise Schweitzer</i>	19
Mikal Bernard Keenan: Researching the mysteries of life By <i>Joy Powell</i>	20
Ross and Bridget Levin: A look at two enterprising consultants By <i>Lisa Ray</i>	21
Mary Martin: Lawyer, publisher, human services activist By <i>Peg Palmer</i>	22
Ruth Lindquist: Researching ways to improve patient recovery By <i>Joy Powell</i>	23
Jay Greenberg: An economist looks at the graying of America By <i>Marta Fahrenz</i>	24
Keith Nuechterlein: An expert in changing personalities By <i>Joy Powell</i>	25
John Loprieno; Kirstin Frantzich Allen: As sands in the hourglass, so are the lives of two daytime soap opera stars By <i>Blaise Schweitzer</i>	26
Kaara Ettesvold: Breaking the barrier as an officer at the American embassy in Moscow By <i>Ann Mueller</i>	27
Dick Beardsley: Farmer and Olympic marathon hopeful By <i>Becky Austin</i>	28
Karl Mecklenburg: Denver Broncos' defensive dynamo By <i>Chris Niskanen</i>	29
Marcia Bevard Kulick: Disability doesn't stand in the way of being a champion athlete By <i>Chris Niskanen</i>	30
Robin Young: Taking stock in Pound Puppies and mighty Gobots By <i>Lisa Ray</i>	31
Michele Brekke: Soaring with a NASA flight director By <i>Kimberly Yaman</i>	32
Emily Mann: An award-winning playwright gets regards from Broadway By <i>Deane Morrison</i>	34
Curt Youngs: Counting sheep keeps this researcher awake By <i>Becky Austin</i>	35
Terry Moe: Brookings Institute think-tanker By <i>Ann Mueller</i>	36
Cathie Hartnett: Washington Redskins' number-one fan By <i>Chris Niskanen</i>	37
Michael Osterholm: Minnesota epidemiologist who battles AIDS and the English Channel By <i>Joy Powell</i>	38
Jay Kiedrowski: Minnesota's money manager By <i>Ann Mueller</i>	39
Elizabeth Sloan: Editor of <i>McCall's</i> magazine By <i>Bjørn Sletto</i>	40
Kevin Einsweiler: Discovering new pieces to the physics puzzle By <i>Kimberly Yaman</i>	42
Libby Larsen: Minnesota Orchestra's composer-in-residence By <i>Deane Morrison</i>	43
Dave Winfield: New York Yankees' all-star slugger By <i>Chris Niskanen</i>	44
Annie Griffiths: Her work is worth a thousand words By <i>Ann Mueller</i>	45
Loren Ahles; Richard Varda: Building success by design By <i>Mathews Hollinshead</i>	46

## COLUMNS

Minnesota Alumni Association: Class of '87 By <i>Bjørn Sletto</i>	48
Executive Director: A Personal Tribute By <i>Margaret Sughrue Carlson</i>	50

Cover photograph by Steve Brady Photography

EDITOR  
Jean Marie Hamilton

COPY EDITOR  
Joan Torkildson

EDITORIAL ASSISTANT  
Kimberly Yaman

INTERNS  
Ann Mueller  
Lisa Ray  
Steve Indrehus  
Blaise Schweitzer

PRODUCTION ASSISTANTS  
Pat Aukema  
Carolyn Hayes

DESIGN  
Churchward Hopp Design Associates

PHOTOGRAPHER  
Tom Foley

EDITORIAL BOARD  
Paul Dienhart  
Jean Marie Hamilton  
Mathews Hollinshead  
Pamela LaVigne  
Lynn Marasco  
Marcy Sherriff  
Maureen Smith

EXECUTIVE EDITOR  
Marcy Sherriff

ADVERTISING DIRECTOR  
Chris Mayr

MINNESOTA ALUMNI ASSOCIATION  
EXECUTIVE COMMITTEE

PRESIDENT  
Fred Friswold, '58

VICE PRESIDENT  
Kenneth (Chip) Glaser, '75

SECRETARY  
Sue Bennett, '65, '67

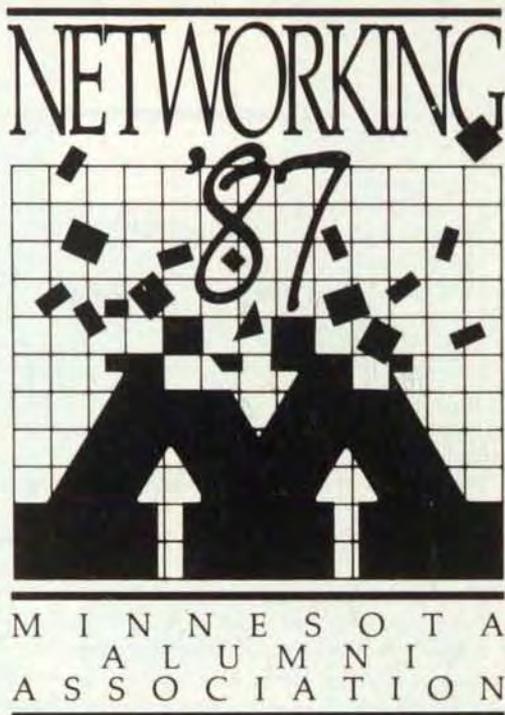
TREASURER  
L. Steven Goldstein, '73

MEMBERS  
Marcia Appel, '74  
Tom Borman, '76  
Ron Handberg, '60  
Lauris Krenik, '54  
Carol Pine, '67

PAST PRESIDENT  
Harvey Mackay, '54

EXECUTIVE DIRECTOR  
Margaret Sughrue Carlson

Minnesota is published bimonthly by the Minnesota Alumni Association for its members and other committed friends of the University of Minnesota. Membership is open to all past and present students, faculty, staff, and other friends who wish to be involved in the advancement of the University. Annual dues are \$25 single, \$35 husband/wife. Life membership dues are \$400 single, \$450 husband/wife. Installment life memberships are available. For membership information or service, call or write: Minnesota Alumni Association, 100 Morrill Hall, 100 Church Street SE, Minneapolis MN 55455, 612-624-2323. Copyright © 1987 by the Minnesota Alumni Association.



# WORKING FOR A STRONGER U

## **What is NETWORKING '87?**

It's a membership drive.  
For the University of Minnesota Alumni Association.  
And, it's a request.  
For a little bit of your time between April and September 1987. To spread the word of the Alumni Association to *your* network of friends.

## **Keep the Alumni Network Working.**

The Alumni Association does a lot more than just bring old college friends together.

It supports several worthwhile University programs: student recruitment and scholarships, legislative and lobbying efforts of University constituent groups, special events that draw alumni, students and faculty together — and much more.

The University is one of Minnesota's most important resources. And the Alumni Association is the most effective way to support the U.

## **Become a NETWORKER.**

Call the number at right and receive a NETWORKER'S KIT, with everything you need to sign up new members.

## **Networking does have its rewards.**

Sign up 40 new members and receive a "Networker's Weekend" in the Windy City — Two nights at the Ambassador East on Chicago's Gold Coast with dinner for two at the world-renowned Pump Room. A \$400 value!

Sign up 20 new members, and get a free dinner for four at The Orion Room (50th floor IDS). A \$120 value!

Sign up 10 new members, and get a free lunch for two at The Alumni Club (50th floor IDS). A \$25 value!

Or sign up 5 new members and get the official University of Minnesota ceramic mug. A \$10 value!

So start working *your* network of Alumni friends and acquaintances. What better excuse to get back in touch with some old friends... and network for a stronger U.

*For a free NETWORKER'S KIT  
call collect (612) 624-2323.*

UNIVERSITY OF MINNESOTA ALUMNI ASSOCIATION

MINNESOTA ALUMNI ASSOCIATION  
BOARD OF DIRECTORS

Fred Friswold	PRESIDENT
Kenneth (Chip) Glaser	VICE PRESIDENT
Sue Bennett	SECRETARY
Steven Goldstein	TREASURER
Harvey Mackay	PAST PRESIDENT

AT-LARGE MEMBERS

Marcia Appel	Carol Pine
Tom Borman	Sue Platou
John French	Tish Reynolds
Roxanne Givens	Maryann Schall
Ron Handberg	Nancy Selleck
Hal Johnson	Joseph Sizer
Lauris Krenik	James Sutherland
Ed Landes	Paul Taylor
Janie Mayeron	Dick Tschudy
	Mike Unger

Judy Crew	Student Body President
	Minnesota Student Association
Sue Streitmatter	President
	Student Alumni Association
James Newton	Past President
	Student Alumni Association
Stephen Roszell	Associate Vice President
	Development and Alumni Relations
Russell Bennett	President
	Minnesota Foundation Board of Trustees

REGIONAL REPRESENTATIVES  
MINNESOTA

James Flinn	Jean Jackish
Alfred France, Jr.	Margaret Matalamaki
Douglas Gregor	Brian Quigley

Jessie L. Hansen	Region I
Steve Francisco	Region II
Don Franke	Region III
Duane Burnham	Region IV
Harold Melin	Region IV
Dick Johnson	Region V
Budd Peabody	Region VI
Linus Tumbleson	Region VII
John Perry	Region VIII
Erwin Tomash	Region VIII

CONSTITUENT REPRESENTATIVES

Warren Sifferath	Agriculture
Bette Abraham	Alumnae Society
Steve Christianson	Band Alumni
Andrew Streifel	Biological Sciences
Edward L. Duren, Jr.	Black Alumni
Richard J. Anderson	Dentistry
Robert Prifrel	Education
John Perry	Forestry
Sharon Rein	General College
Lee Ann Biersdorf	Gold Club
Barbara Strand	Home Economics
Robert Spinner	Hospital Administration
Peter Obermeyer	Industrial Relations
John Kugler	Institute of Technology
Louise Jalma	Journalism
David S. Doty	Law
Katherine Hystead	Liberal Arts and University College
Alan Shapiro	M Club
Kay Barber	Management
Nadine Smith	Medical
Jean Linne	Medical Technology
Richard Firtko	Military Science
Durin L. Smith	Mortuary Science
Kathy Robinson	Nurse Anesthetists
Kay MacKenzie	Nursing
David Holmstrom	Pharmacy
Harold Leppink	Public Health
Bette Abraham	University Women
Betsy Thorson	Veterinary Medicine

# One Over 40

I was young and sort of famous, but now I'm 40. (At 37, I edited Northwest Orient's in-flight magazine, in which all of my acquaintances swore they read my name. No one ever admitted to reading the magazine.) Now I am, as *Minnesota* interns Lisa Ray and Ann Mueller write in the introduction to this issue, at the midpoint in my career and life, never having been named outstanding. Ann and Lisa acted as editors of this issue of the magazine, which focuses on outstanding alumni under 40. They edited, copy edited, proofed, made decisions on what stays and what gets cut, determined which pictures were used. I only oversaw their efforts, and when I oversaw the phrase "midpoint in career and life," I was about to protest when it occurred to me that they were right. I probably won't make it much past 80, and another eighteen years of work is reasonable, all of which leaves me and the beginning of the baby boom at midpoint, give or take a few years.

Winston Churchill was only 26 years old when he was elected to Parliament, the same age as Charles Lindbergh when he crossed the Atlantic in the *Spirit of St. Louis* and Albert Einstein when he postulated the theory of relativity. Mozart was only five years old when he wrote his first concerto, and Steven Jobs revolutionized the computer industry at the age of 22. On the other hand, Ronald Reagan was elected U.S. president at age 69, and he wasn't even a Republican until age 41. Grandma Moses didn't start painting until she was in her seventies. And probably none of them made anyone's list of outstanding persons—all of which is sour grapes.

This is the age of lists, and I wanted to make somebody's list. I still want to, and perhaps I will. Making lists is just the beginning as an entire baby boom generation, twenty years of those destined to lead the good life, looks back at what it has accomplished and wonders about what it will achieve.

This issue was designed not to be a list of superachievers but to highlight those who have achieved distinction at an early age, an arbitrary age to be sure. Ours is not a scientific listing but only a sampling that was called to our attention by faculty, friends, parents, alumni, and the media.

We chose to focus on young alumni because they are seldom singled out in alumni publications. Even as students they were sometimes left out of the University

equation, and appreciation for them lapses until they contribute dollars to the University. This year, under Minnesota Alumni Association National President Fred Friswold, the association has made students and young alumni its priority. Improving the experience of students while they are on campus will be a major project for the coming year, and beginning in 1987, graduating seniors will be given free memberships and a host of other program benefits in the Alumni Association.

What is particularly interesting about the young alumni recognized here are the importance a University education or a mentor made in many of their lives and their ability to communicate by more than one means. A physicist travels the scientific circle to explain his discovery of a new particle; a nutritionist becomes editor of *McCall's* and charts the changes in women's lives. A political scientist becomes a regular on the "McNeil/Lehrer NewsHour." The state epidemiologist aims at swimming the English Channel.

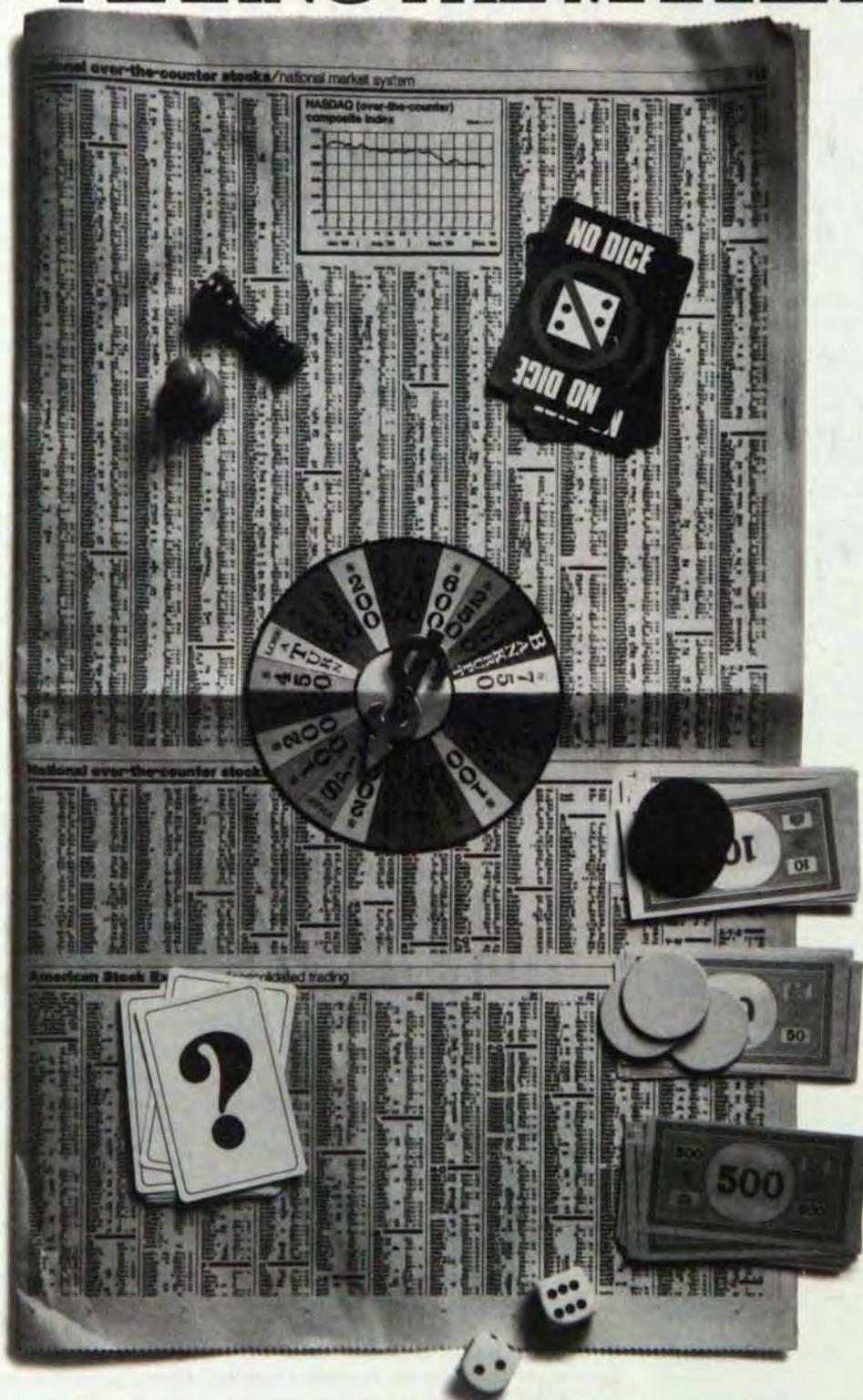
Nearly half of those profiled name mentors—many of them University faculty—who have helped them set their course, who have made a difference. Perhaps the most impressive commonality of those profiled is their expressed wish to contribute to society, to give something back, to make a difference. A star baseball player starts a foundation to help kids. A farmer recruits college students and leads a drive to build a new community center. An embassy officer wants to help her country. A finance commissioner remembers a Newman Center sermon and wants to challenge the status quo.

These are not today's yuppies so visible and catered to. These people don't sit around waiting to be named to a list, nor do they worry about choosing the "right" activities merely to make a list. If the rest of the baby boom generation is like them, the generation's impact will again have profound effects on American society.

This issue is the product of the efforts of seven staff members and nine students working together: Ann and Lisa, Bjørn Sletto, Chris Niskanen, Blaise Schweitzer, Joy Powell, Eric Miller, Steve Indrehus, Carolyn Hayes, Kimberly Yaman, Mathews Hollinshead, Deane Morrison, Marta Fahrenz, Peg Palmer, Becky Austin, and Barb Weiler—all of them under 40 and pretty outstanding themselves.

Maybe I'll make somebody's list in another 40.

# THERE'S NO SUCH THING AS "PLAYING THE MARKET."



Face it, in 1986 the market made even the roller coaster at Valley Fair look tame. Which means, if you're an investor right now, you possess an inordinate amount of serious resolve.

An attitude, that is, likewise, just as pervasive at John G. Kinnard. Here, daily trading is studied with almost microscopic

intensity. And emerging growth companies are scrupulously observed for the first hint of opportunity.

If you think the old adage about "all work and no play" is true, you obviously haven't enjoyed the benefit of a John G. Kinnard broker.

**John G. Kinnard & Co.**

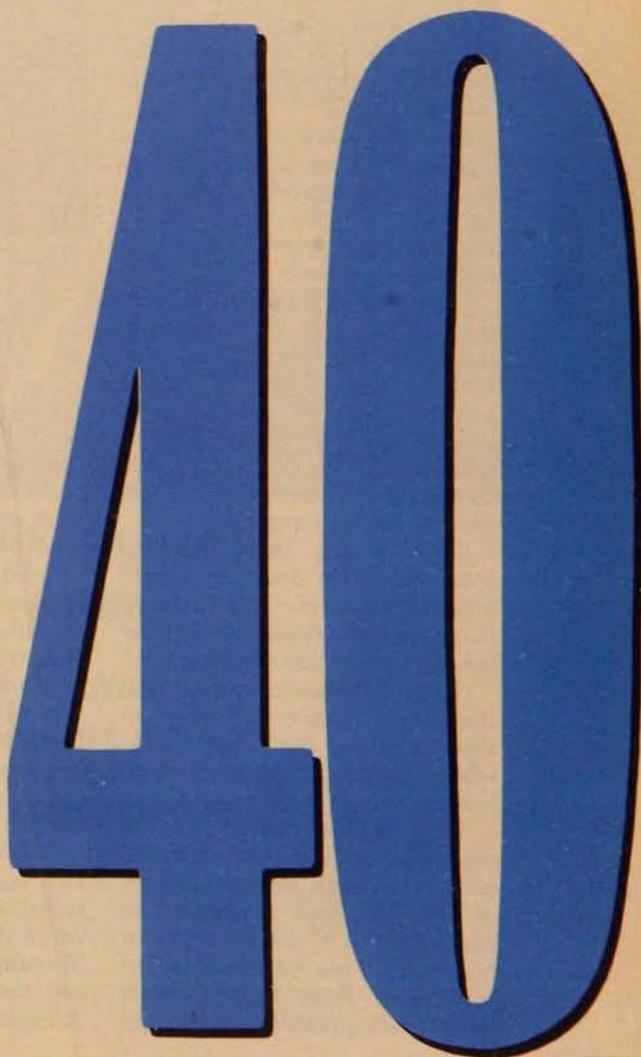
1700 Northstar Center, Minneapolis, MN 55402, (612) 370-2700

Call your nearest John G. Kinnard office for our second research reports.

■ ■ Often people are recognized for accomplishments only near the end of their careers. Yet many individuals achieve a measure of success in their fields well before retirement. In this issue of *Minnesota*, we have chosen to focus on young alumni under the age of 40 who have achieved distinction in

## under

their professions and areas of interest. Although 40 is an arbitrary age, to many 40 represents the midpoint in life as well as in career. Just as our cutoff point of under the age of 40 was randomly chosen in this series of profiles, the 40 alumni represented here are not exclusive of the thousands who have graduated from the colleges and schools of the University of Minnesota since the late 1960s. The alumni we have selected merely represent a cross section of the talents that have emerged. ■ ■ These talented 40 haven't had much time to achieve what they've done. Many have gone past undergraduate education, past graduate school, and past a Ph.D. dissertation into further years of research and study. Many have spent the time moving rapidly up the corporate ladder with skillful steps. Others have developed entrepreneurial skills, artistic or athletic abilities to achieve national and worldwide recognition. ■ ■ Whatever the individual case—from Norman Ornstein, exasperator of Washington politicians; to Elizabeth Sloan, *McCall's* editor and chronicler of changes women are undergoing; from Dave Winfield, New York Yankees all-star outfielder; to Emily Mann, Broadway playwright—these 40 alumni under 40 are outstanding.



## MARY K. BAUMANN

**A**t age 35, 1973 journalism graduate Mary K. Baumann is assistant managing editor of *Quality*, a new life-style quarterly from Time aimed at high-income baby boomers.

Inside *Quality*, more than 100 four-color pages feature products, opinions, personalities, culture, design, and advertising. Time is betting that this combination will attract affluent readers in sufficient numbers to put the magazine into ongoing production.

Many of the ideas that appear in *Quality* — such as a unique margin-tab system for referencing adopted from dictionary design — are Baumann's. The concept behind the tab system, says Baumann, is that each issue of the magazine will be used several times over, instead of read or skimmed and discarded. The magazine is meant to be a practical tool, as well as entertaining to read.

At Time's magazine development division, "managing editor" is the equivalent of executive editor at smaller companies, according to Baumann. Her position, then, is second in command.

Baumann's promotion to assistant managing editor is not only a recognition of her talent but also an affirmation of a trend in magazine publishing toward greater awareness of layout, design, and illustration, as well as the impact the combination of quality graphics and editorial has on a magazine.

Before joining Time, Baumann spent two years designing award-winning issues of *GEO*, defining that magazine's visual style with her bold choice and use of photographs.

"I am a magazine addict," says Baumann. "I love everything about them. And they don't happen anywhere else to the degree they do here."

"Here" is New York City, where she arrived in 1978 at the invitation of Robert Ciano, then art director of *Life*. He "took a chance," as Baumann puts it, and hired her for his staff. Two years later the redoubtable Paige Rense (current senior vice president of Knapp



### Assistant Managing Editor Time's Magazine Development Division

By Mathews Hollinshead

Communications and editor-in-chief of *Architectural Digest*) hired her to work on *GEO*.

She was prepared.

"I did a lot of photojournalism at Minnesota," says Baumann, who studied under R. Smith Schuneman, director of the since-discontinued photojournalism program at the School of Journalism and Mass Communication. "He was utterly fascinated by *Life* magazine. My dream was always to work for *Life*."

One of her projects at the University was a prototype magazine called *Minneapolis People/City*, which the school produced for the Minneapolis Downtown Council and the Chamber of Commerce. Baumann shot the cover photo

(from an elevated cherry picker on Nicollet Mall) and was art director of the magazine.

After graduation, she joined the advertising and marketing staff of 3M, where she received the company's most prestigious award—membership in the "Society of Imagineers."

Now Baumann's imagination is devoted to the products of America's most well-known magazine publisher. Her current dream?

"I really want to be an editor of a magazine," she says. "I'm not sure how that's all going to happen."

Mathews Hollinshead is associate director of communications for alumni relations and development at the University.

**B**oston Celtics forward Kevin McHale does not look like the quintessential stream-

lined statues of athletes perched atop the Olympic stadium in Los Angeles two years ago. He is described as barrel-chested, long-legged, gangly, and knock-kneed.

But the Boston Celtics are not interested in looks. What matters to the Celtics is that this Hibbing, Minnesota, native and former Gopher standout blocks shots, pulls down rebounds, and scores underneath and from the outside with his unstoppable turnaround jumper. He makes nearly 60 percent of his shots and 85 percent of his foul shots.

In his six years with the Celtics, the former first-team all-Big Ten player has established himself as one of the game's premier players. In last year's world championship finals against the Houston Rockets, which the Celtics won, he was Boston's leading scorer with a 25.8-point average per game. McHale, 29, played in the 1986 and 1987 all-star games and was selected to the all-defense first team in 1986 and 1987 and the all-NBA team in 1987. Twice he received the National Basketball Association's Sixth Man Award. He is considered one of the best shot blockers in the business.

McHale is also among the greatest Gopher basketball players of all time. He left Minnesota in 1980 as the school's second-leading scorer and rebounder, then played under coach Bobby Knight on the gold-medal Pan American team in 1979. He was named Most Valuable Player in the Aloha Classic in 1980. He was drafted third in the 1980 draft by the Celtics.

As former coach Jim Dutcher once said of McHale: "He is a young person of extraordinary ability and maturity."

Adds Milwaukee Bucks coach Don Nelson, "Kevin McHale is the best inside player in the league. He is as close to unstoppable as you can get."

*Chris Niskanen is a senior from Ashland, Oregon, with a double major in journalism and English.*



## KEVIN McHALE

Forward  
Boston Celtics

*By Chris Niskanen*

# KATE GREEN

## Novelist

By Deane Morrison



RICARDO BLOK

Writing comes naturally to Kate Green, 36, who describes herself as "one of those kids who always wrote." She wrote for fun while growing up in the Twin Cities, gaining her first insight into the life of a writer through Frank Brainerd, a high school teacher who was the first person to ask her to revise a text.

At the University, Green found another mentor in English professor Michael Dennis Browne, who gave her a sense of direction and whose life as a poet inspired her. After graduating summa cum laude in English in 1972, she headed for Boston to study with writers Anne Sexton and John Cheever, obtaining a master's degree in creative writing from Boston University in 1974.

Green's first books were books of poetry. Another collection is almost finished. In her poems she examines the world in microscopic detail, commenting on everything from giving birth to the Grenada invasion. The poet in her held sway when she first tried to write a novel, resulting, she says, in a poetic novel with no plot.

Green tried again, this time with help from a Bush Fellowship, and paid closer attention to plot. The result was *Shattered Moon*, a chilling suspense thriller that was nominated for an Edgar Award (as in Allan Poe) for best paperback original. The novel was also selected for the Doubleday Book Club and has been published in eight foreign countries. The film rights were purchased by United Artists.

Besides her busy writing schedule, Green guides future writers as an adjunct member of the University's faculty. She also teaches at Hamline University in St. Paul.

Green sums up her feelings about writing in fittingly poetic style: "Writing is an act of affirmation against all that negates in the world. To imagine, to bring a vision from imagination to wholeness, is to say, 'I am, the world is, this is what I see'."

Deane Morrison is a University Relations News Service writer.

"**T**he quantity of matter and energy in existence hasn't changed since the Big Bang occurred

15 billion years ago, but there's been a lot of rearranging and reconfiguring," says Judith S. Young, '79, assistant professor in the department of physics and astronomy at the University of Massachusetts at Amherst.

"We see molecular clouds containing carbon, nitrogen, oxygen—things that weren't produced in the Big Bang," says Young. "But no one has yet seen a molecular cloud form. It may be reasonable to assume that molecular clouds form from atomic clouds, but I'm starting to wonder."

Young is doing more than wondering; she's finding out.

At 34, Young has already been honored for her work with the award of a research fellowship from the Alfred P. Sloan Foundation, and in 1986 she became the first recipient of the American Physical Society's Maria Goeppert-Mayer Award, which recognizes outstanding achievement by a woman physicist anywhere in the world in the early years of her career.

In addition to studying the formation of molecular clouds in the universe, Young is researching the evolution of stars, galaxies, and the universe.

Young graduated from Harvard in astronomy in 1974 and then came to the University of Minnesota for her graduate degree.

"[Obtaining a Ph.D. in astrophysics] at the University was a real test of my desire to become a physicist," says Young. While she was in the graduate program, she became engaged to geology graduate student Michael Young. When it was discovered that Young was getting married, she was refused acceptance as a Ph.D. candidate. "One of the professors told me, 'You're getting married. What good is a Ph.D. going to do you?'"

"That really made me angry," says Young. "One by one I went through the professors in the physics department, looking for someone who would become my adviser.

They all turned me down."

Young finally got an offer from Phyllis Friar, a professor in the astronomy department. "I really wanted that doctorate in physics, but I was determined to get that astronomy doctorate and do well. And I did. Things worked out fine for me. But I still worry about the scores of other women who weren't able to be as persistent."

Even after obtaining her doctorate, Young worried about finding a postdoctoral research position. Only a few women are working in astronomy in the United States. But Young found the ideal position at the University of Massachusetts. "It was kind of hard to believe things could turn out so well after the rough time I had at Minnesota," says Young. "Here I had an incredible opportunity to study stars and galaxies with a radio telescope—one

of the few available in the country."

Young believes that the University of Massachusetts is taking a leadership role in providing more faculty positions for women in the sciences, and she supports that. Young is the first woman faculty member in the University of Massachusetts astronomy program and will become a full professor this fall.

Having fun is the key motivator in her work, says Young. "It's like putting together a jigsaw puzzle, and each day I find more and more pieces. It's like getting paid to have fun. When you really enjoy what you do, you excel. It's pretty simple. And I think that the most important job we can do as teachers is not to just impart material but to love what we do and impart that."

Kimberly Yaman is editorial assistant of Minnesota.

## JUDITH S. YOUNG



### Astrophysicist University of Massachusetts, Amherst

By Kimberly Yaman

**R**oxanne Givens never intended to go into her father's business. When she went to college, her mind was filled with the need to work for people and improve social policies.

In 1973 Roxanne received a bachelor's degree in social work from the University of Minnesota. The following year her father, Archie Givens, Sr., suffered a fatal heart attack, leaving the real estate development company he founded, Rain-

bow Development Company, without a leader.

Roxanne was 23 years old and knew nothing about her father's business; she had never even read a blueprint. Her father had recently finished a high-rise project for senior citizens, but another project was not yet completed. Roxanne decided she couldn't see it abandoned.

After having jumped into the middle of the real estate development business, Givens, 36, has found that "the less you know, the better off you are. If I had tried to anticipate that happening to me,"

she says, "I would have been scared out of my wits." Rainbow Development Company now has about 1,500 housing units and 25 employees.

Although housing is her "first love," Givens returned to the University and received a master's degree in social work (with a concentration in gerontology) in 1978. She now incorporates her education with her housing career—99 percent of her company's rental apartments are reserved for the elderly and those with special needs, such as the handicapped or low-income families.

Away from her career, Givens is still concerned with social policy and people. She served for three years as president of the Minneapolis YWCA, during which time she implemented the first day-care center in downtown Minneapolis and hired Minnesota's first full-time lobbyist for women's issues.

Her favorite project, however, is the Archie Givens, Sr., Collection at the University. Her family recently made a leadership gift for the three-year campaign to endow the unique collection of black literary and cultural works. Represented in the collection are authors such as Langston Hughes, Phillis Wheatley, Alice Walker, and Roxanne's favorite, Zora Neale Hurston.

Evenings at the Givens home are reserved for family, especially for her two-and-a-half-year-old daughter, Brittany. They also give Roxanne time to think about her future. "I would like to diversify. Actually, I have this burning desire," she says, "to have a concession at the airport."

A concession at the airport?

"I've been in and out of airports, and once I began wondering about the concessions. Then I did some research. The Minneapolis-St. Paul International Airport is one of the top fifteen in the nation and the only one of those fifteen with no woman- or black-owned concessions."

And that is all it takes. Don't be surprised to run into Roxanne Givens before your next flight.

---

Minnesota intern Lisa Ray is a senior from the Twin Cities majoring in English.

## ROXANNE GIVENS



### Real Estate Developer and President Rainbow Development Company

By Lisa Ray

# NORMAN ORNSTEIN

It might seem simple: Get a doctorate in political science, write a book review, reach

instant notoriety.

That's what appears to have happened to Norman Ornstein, congressional scholar and often-quoted political scientist.

Ornstein, resident scholar at the American Enterprise Institute, is known for his pithy quotes, witty style, and knack for simplifying complex political issues. He's a favorite contact for journalists and a regular guest on the "MacNeil/Lehrer NewsHour," and his articles have appeared in the *Washington Post* and other national publications.

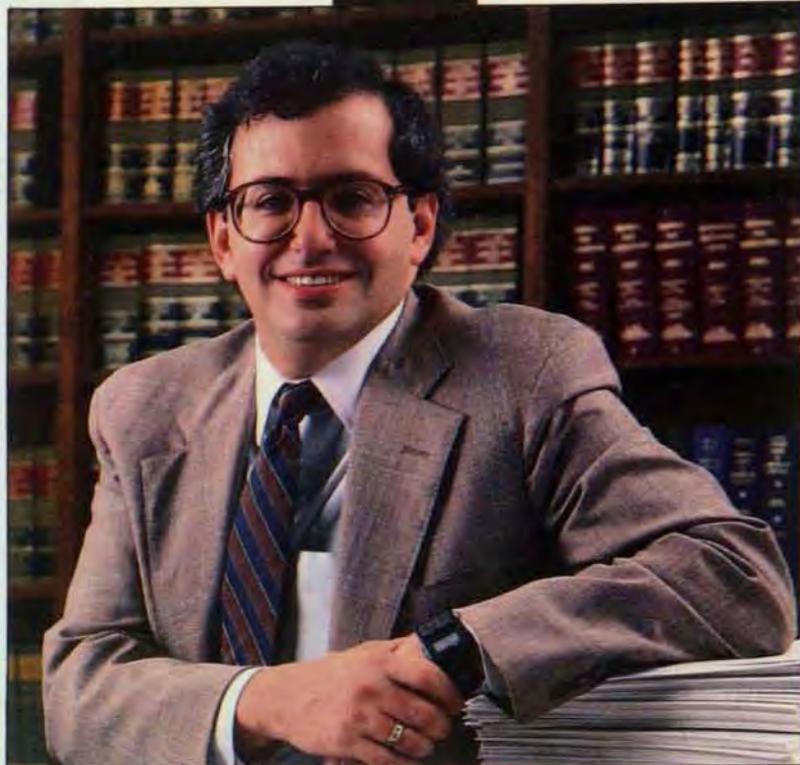
In reality, it's taken Ornstein, 38, twenty years to carve a place as a political scientist in the nation's capital.

In 1972, following his graduation from the University of Michigan, where he earned a doctorate in political science, Ornstein came to Washington, D.C., to teach at Catholic University. While drying his clothes at a Capitol Hill laundrette, Ornstein recalls, he scribbled a review of a book on maverick Harlem congressman Adam Clayton Powell and, on impulse, sent it to the *Washington Post* book editor. To everyone's surprise, the article was published on the front page of the paper's prestigious Style section.

Although Ornstein far from planned his current status, his career hasn't been completely guided by bursts of creativity in laundrettes. The foundation for his future was formed during his three years at the University of Minnesota, where he earned his bachelor's degree magna cum laude in political science at the age of eighteen.

"I have to admit that when I was at the University, I didn't have the faintest idea that my career would take this form," Ornstein says. "But my basic plans for the future took shape at the University. My desire to go into political science came from the political science department there. I was very young, but I found I was quickly accepted as part of that community.

"Gene Eidenberg was one of the



## Resident Scholar American Enterprise Institute

By Bjørn Sletto

professors that influenced me the most. He had been a Congressional Fellow, and in the classroom he related his experiences in a way that I found very exciting. That started my career in this direction."

Ornstein is analytical of his success. Located in Washington, he says, "I'm in the middle of things, and I try to immerse myself in the Washington environment." He's equally accessible to the *New York Times* reporter and to the young writer for an obscure publication, and thus enjoys high exposure in the public press. And his visibility assures him access to congressional leaders. He says he is not a partisan or lobbyist, nor does he promote a particular point of view. "I have no axe to grind. I have my own strong points of view, but I can be interviewed as an expert that can give an impartial point of view."

Not everyone is pleased with Ornstein's untraditional style. "I'm sure there are political scientists that

are skeptical of these strong quotes," Ornstein admits. "But [the quotes] haven't made that much impact in the academic community. I haven't gotten many negative reactions. And people in the political profession understand this is the way it is, and they don't take offense.

"I'm very happy with what I do now," says Ornstein. "My life is very varied and interesting. I get to be in the center of political activity, and act as a communicator for the political science community about what happens in Washington. I'm on the inside, and I'm sensitive to political scientists' needs. At the same time, I am performing a function in public communication. I think that is extraordinarily important in a democracy."

Bjørn Sletto, from Al, Norway, is a student in the University's School of Journalism and Mass Communication. He is a former Minnesota intern.

# ANDREW LEICESTER

**T**he details at the site of any Andrew Leicester environmental sculpture can be disturbing.

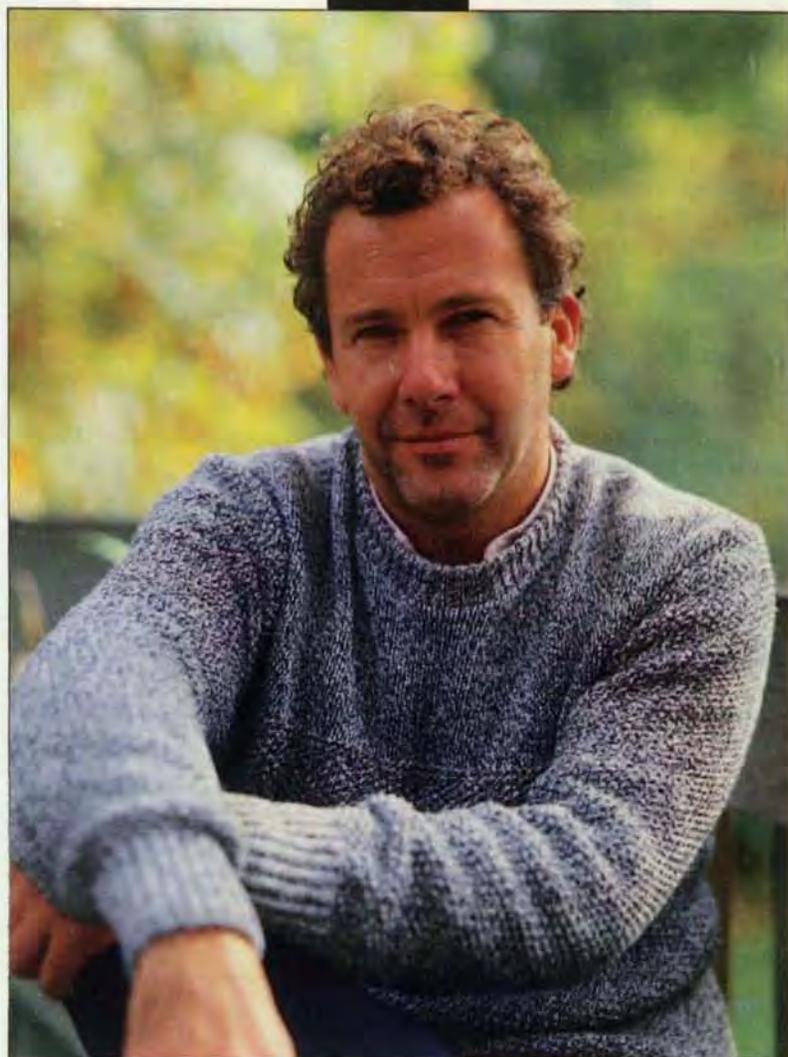
At the Colorado Territorial Correctional Facility in Canon City, Colorado, his *Paradise* centers on the severed head of a convict perpetually about to be drowned under water. In *Cobumora*, a plaza in front of the Veterinary College at Washington State University, the entrance walk is paved with small white oval blocks representing the mice used in pharmacological and other types of scientific research. Leicester's coal miner's memorial in Frostburg, Maryland, includes a hexagonal chamber called the *Dry House and Changing Room*; on its walls are stenciled the six craft skills an underground miner practices and the six lethal hazards he faces every day (gas, electric shock, cave-in, flood, black lung, and haulage system failure).

Controversy is one reason Andrew Leicester, 39, is well known nationally and internationally in the growing field of outdoor environmental sculpture.

Born in the British Midlands manufacturing town of Birmingham, Leicester completed his undergraduate schooling in Portsmouth, England, and then he emigrated, first to Nebraska and then to Minneapolis in 1972. He brought with him political and artistic radicalism gained in part from his British roots, in part from his father, an engineering contractor and a socialist. "I come from a country that has very strong and interactive political programs and parties and true political choices, which of course this country doesn't," says Leicester with characteristic outspokenness.

Getting clients to approve his final designs can be educational for both him and them; his designs have more than once alienated a minority of those who voted to hire him. "To some extent, I up the ante when I get these commissions," says Leicester. "You have to force people to go beyond themselves. It takes a lot of persuasion."

Not all Leicester's pieces have a social or even association message,



## Environmental Sculptor

By Mathews Hollinshead

however. His 1981 work *Floating Mesa*, in Albuquerque, New Mexico, consists of a 387-foot reflective steel wall encircling an entire mesa just below the top, making the top seem to float when seen from a distance.

Leicester first came to the University of Minnesota as a sabbatical replacement instructor for the late Katherine Nash, an eminent sculptor who directed the University's sculpture program. He stayed to earn a master's degree in fine arts from the University in 1973. He has since made Minneapolis his home but is seldom in town for long.

This year he has been to Aus-

tralia, lecturing for seven weeks in Melbourne and working on his *Science Garden* at the National Science and Technology Centre in Canberra. In April he was in Dayton, Ohio, working on a park memorializing victims of the disastrous flood that leveled that city in 1913. He often acts as his own fund-raiser, draftsman, construction contractor, and foreman.

Leicester has been recognized with artist's fellowships from the National Endowment for the Arts and several Minnesota foundations. He has had four solo exhibitions nationwide and has participated in more than 25 group exhibitions.

**O**f all the instruments ever created, none exceeds the pure beauty and excitement of the human voice. And few are better at writing for that instrument than Stephen Paulus, 37.

The St. Paul composer has scored a long list of successes, from *The Village Singer*, his first opera, to *Art Songs* for tenor and piano, with dozens of minor pieces and arrangements in between. But focusing only on his vocal works would be a mistake, for Paulus has also produced gems such as *Concerto for Orchestra*, which has been performed by the Philadelphia Orchestra and many others.

The serious titles belie the wide range of influences that helped shape Paulus's career. "I was crazy about the Beach Boys, and the Beatles from their 'Sgt. Pepper' album on," he says. "I also like Frank Zappa, Stravinsky, and Ravel, especially Ravel's *Mother Goose Suite* and orchestrations."

Paulus earned a B.A. in piano and M.A. and Ph.D. degrees in theory and composition at the University of Minnesota, where he worked closely with music professor Paul Fetler. He credits Fetler with helping him develop an ear for how a piece will sound and teaching him how to criticize his own work. Now, the pace of a piece is more of a worry for him than the sound, Paulus says.

Composing appealed to Paulus because it offered greater rewards than performing. He enjoys the time spent alone creating a piece and the excitement of getting to know new people and seeing how they interpret it. A composer-in-residence at the Minnesota Orchestra, Paulus has held similar positions with the Tanglewood Festival in Massachusetts and the Santa Fe Chamber Music Festival.

His works appeal to audiences across the country and in Europe. *The Village Singer*, for example, has been performed more than twelve times by professional opera companies, college opera workshops, and community groups. His second opera, *The Postman Always Rings*

*Twice*, is going into its fifth production. A few years ago, Paulus oversaw a production of *Postman* at the Edinburgh Festival in Scotland. In 1985, he traveled to London for the Aldeburgh Festival performance of *So Hallow'd Is the Time*, a cantata for chorus and orchestra.

*So Hallow'd Is the Time* has been recorded by the Plymouth Music Series on the Pro Arte label. His recordings also include a symphony in three movements on the Nonesuch label.

Paulus's biggest current project is a violin concerto, which will be premiered in November by the Atlanta Symphony. Next on his agenda are a work for chamber orchestra commissioned by the Academy of St. Martin-in-the-Fields, scheduled for a 1988 pre-

miere in London, and a work for chorus and chamber ensemble, to be written under a National Endowment for the Arts consortium grant.

As cofounder—with fellow composer Libby Larsen—of the Minnesota Composers Forum, Paulus has done much to further the cause of new music. The organization has thrived and now comprises "a very healthy mix" of composers, with 40 percent of its members from outside Minnesota, he says.

Breaking into a field like composing is hard, but Paulus has some tips for those willing to try. The best way is to forget about rewards such as commissions, publications, and royalties, he says. "Write what you know will be performed, even if it's just for your buddies who play tuba and alto sax."

## STEPHEN PAULUS

### Composer

By Deane Morrison



STEVE INGRENIS

**P**atrick Redig's spirit soars each time he watches a rehabilitated raptor winging its way back to wilderness. As director of the Raptor Research and Rehabilitation Program at the University of Minnesota, Redig saves thousands of birds of prey, including endangered populations such as the osprey and peregrine falcon. He helped found the program, from its struggling beginning in his backyard to the construction of a massive raptor center that is earning international admiration.

Redig, 39, believes this love of

raptors is his calling. He became fascinated with birds when he was three years old. At age nine, while flying a home-raised sparrow hawk on a line for its exercise, Redig had "visions and premonitions" of someday taking care of sick or injured birds. A few years later, he built a hang glider and tried futilely to emulate his flying friends. When he was in high school, Redig performed his first act of mercy on an injured bird. Using chloroform and piano wire, he mended the tattered wing of a hawk owl.

The turning point for this young raptorphil came when he was fourteen. On a Sunday morning in his parents' home in Hibbing, Minne-

sota, Redig opened the Sunday magazine of the *Minneapolis Tribune* and caught his breath. There, in splendid glory, were pictures of falconer Don Hunter and his falcons. "I felt myself burning with desire when I saw those pictures," recalls Redig. He quickly wrote to Hunter and began a friendship that is still strong today.

The story of Redig's dream come true includes the early belief that his love for birds was impractical and could never develop into a profession. But he proved himself and the pragmatists wrong. "It's like I've been living out a destiny of sorts. I keep meeting the right people along the way," he says. One of those people was Gary Duke, who helped Redig found the center in 1972. Since then, they've helped about 400 birds a year. Other key people include Don and Louise Gabbert, who have donated most of the \$2.35 million needed for a new center (expected to reach completion in October 1988).

Redig and his work have attracted national recognition, and in 1984 he was cited by *Esquire* magazine as one of the nation's outstanding leaders under 40. In April, Redig helped bring the raptor center to national attention again when he and his staff removed corneas from a dying bald eagle that had degenerative joint disease. Although Redig hated "to put him down," he knew another eagle would be helped. The corneas were flown to California, where the other eagle's vision was restored.

Redig's vision is to keep raptors such as America's symbol of freedom—the bald eagle—flying proudly. Sharing this feeling with Americans who had lost their liberty during a time of crisis, Redig and center staff members presented an American bald eagle to the hostages returning from Iran in February of 1980. One month after the hostages' release, many of them witnessed the stirring release of the eagle as she regained her freedom.

*Joy Powell graduated magna cum laude this spring from the University's School of Journalism and Mass Communication. A Phi Beta Kappa, Powell interned at KARE-TV.*

## PATRICK REDIG



### Director Raptor Research and Rehabilitation Program

*By Joy Powell*

**N**ot long ago, Rebecca Blank wanted to teach high school English literature.

After taking a few economics courses at the University of Minnesota, she changed directions. At twenty, the College of Liberal Arts graduate went to work as an economist for Data Resources, a consulting firm in Chicago. Today, at 31, she is on the faculty of Princeton University's top-rated economics department.

"It was a wonderful job, but I knew it wasn't right for me," she says of her position at Data Resources. "People in the office didn't seem to think, or have commitments or serious involvement with their jobs. I wanted to keep thinking."

Blank left Data Resources after three years to attend the Massachusetts Institute of Technology on a National Science Foundation Fellowship. After completing her doctoral degree, she took the post at Princeton, where she specializes in labor economics, income distribution, and low-income labor markets. She spent a year as visiting scholar at the Poverty Institute at the University of Wisconsin doing research on low-income labor markets and the effects on governmental antipoverty programs.

Blank devotes her spare time to community activities, working in soup kitchens and community centers, participating in an antinuclear campaign in New Jersey, and doing research on the impacts of defense spending on the U.S. economy.

In spite of her drive, Blank has modest aspirations. "I don't assume I'll be the next Nobel Prize winner, and I'm not ambitious in that way. I'm much more interested in indirect policy impact. I have worked on issues that were important at the time I worked on them, and I hope I've made a difference."

*Marta Fahrenz is a writer and editor in the University's College of Education.*

## REBECCA BLANK

Economics Professor  
Princeton University



*By Marta Fahrenz*

**P**erham, a town of about 2,500 people, is located in the middle of Minnesota's farmland and lake country. Two of its major employers are Prairie Bean Company and Perco Farm Service and Irrigation, both owned by Ron Tobkin, 39, and his family.

Tobkin, a 1968 graduate of the University of Minnesota, Crookston (UMC), agriculture division, not only is one of Perham's major employers but also is at the center

of many of Perham's innovative ideas. He was one of the instigators of Farmers' Appreciation Day and today is one of the general chairs of the fund-raising committee for a new \$1.4 million community center. He is active in the local chamber of commerce, board of education, and his church council.

"Ron is probably one of the best-liked individuals in our community," says former Perham mayor Don Swenson. "He's had a tremendously positive influence on the community through his service on many boards and committees. Ron

doesn't worry about his own troubles. Instead he always wants to help others."

While Tobkin was enrolled at UMC, he worked at the Northwest Experiment Station during the summer months. After graduation from North Dakota State University in 1971, he worked at the station as assistant soil scientist for two years until returning to Perham, where he has a 500-acre irrigation farm.

Tobkin met his wife, Sally, while enrolled at UMC. The Tobkins have three children: Tanya, fourteen; Nathan, eleven; and Patrick, five.

Tobkin not only is an avid agribusinessman but also is a strong supporter of UMC. He continually recruits area students for UMC—including his four brothers. He is a member of UMC's development steering committee and the Northwest Experiment Station's Advisory Committee. With three of his classmates, he established the UMC 1968 Agriculture Alumni Scholarship.

"The excellent staff at UMC instilled not only knowledge but also enthusiasm to go even further with my education," says Tobkin. "UMC developed a desire to succeed along with a desire to meet people and to learn."

Among Tobkin's many honors are the UMC Alumni Personal Achievement Award, County King Agassiz, and the honorary chapter Future Farmers of America farmer degree.

To Tobkin the future of agriculture is extremely bright.

"The business of agricultural production and agribusiness is an extremely exciting business. It's one of the few careers in which a person can enjoy the land and study the areas of crop production as well as marketing, merchandising, and advertising a product locally, regionally, and internationally. Agriculture is a big business, and there will always be a demand for people with a solid agricultural background and the ability to communicate. UMC provided both of these for me, and I'm grateful for that."

*Barb Weiler is assistant director of University Relations at the University of Minnesota, Crookston.*

## RON TOBKIN



CHUCK JOHNSON, PERHAM ENTERPRISE BULLETIN

### Agribusinessman

*By Barb Weiler*

# PETER MacNICHOL

**W**hile at the University of Minnesota in 1977 and 1978, Peter Mac-

Nichol was a rebel.

While breaking into the Twin Cities' theater scene after graduation, MacNichol was a rebel.

Today MacNichol is an established actor who has played a leading role in *Sophie's Choice*, has worked with Meryl Streep, Sir Ralph Richardson, Burt Reynolds, and Jason Robards—and is still a rebel. But today he's a rebel who wants a cause.

He doesn't enjoy show business very much.

"I get less and less out of it," MacNichol says. "I'm far more interested in what Greenpeace is doing out there trying to save the harp seals than what I'm doing in the part I'm playing this summer. I'd like to get out there in some sort of frail craft between a Russian trawler and some sort of fleeing mammal. Course, I'll probably be the fleeing mammal."

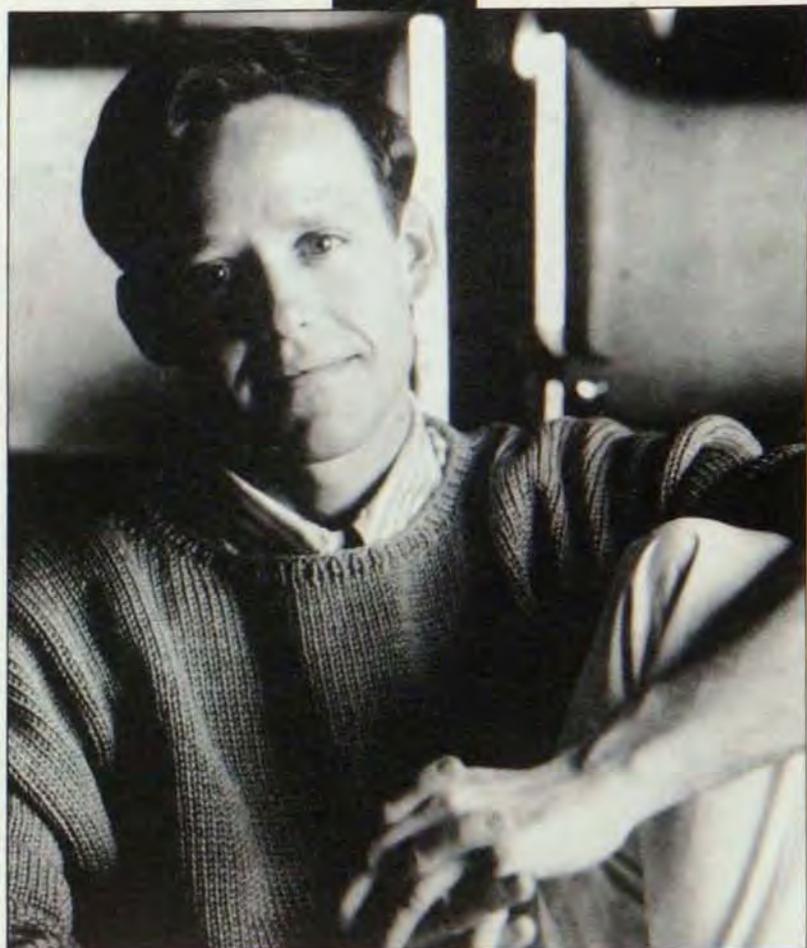
While at the University, MacNichol challenged the system and went to work in a play at Theatre in the Round. The play promised a better part than the University plays would give him, he says. "I was warned that trouble could be made for me." He says he was shunned for working outside the University.

MacNichol went on to graduate, however, and jumped into reality.

During a two-year period, he worked at various theaters in Minneapolis—from the Cricket Theatre, to Dudley Riggs' Brave New Workshop, and finally to the prestigious Guthrie Theatre.

While working with the Dudley Riggs' Traveling Company, MacNichol was exposed to the mercurial world of comedy, fast thinking, and hard work. "You've got to be so quick on your feet," he says. "The lessons I learned there were in terms of quickness of mind and dealing with an audience that is only two feet from you."

The Guthrie was a little disillusioning for MacNichol. "I was one of those locally cast actors who was so resentful of those New York



## Actor

By Blaise Schweitzer

imports who were brought in. They were getting all the best roles. It wouldn't have mattered if they were better than us or not; it was thought that they were better because their luggage had New York stickers on them."

His complaints and arguing did him little good. MacNichol didn't land what he considered a good role until he had to replace an ailing lead actor for whom he had understudied in one of the productions. After luck and several good roles, he made an impact when a casting director from New York saw him perform and told him later to look her up.

Since then, he has appeared in the films *Dragonslayer*, *Heat* with Burt Reynolds, *Johnny Bull* with Jason Robards, and *Sophie's*

*Choice*, in which he played Stingo, the southern journalist who narrates the film.

MacNichol admits that he enjoys some of the perks that go along with high-budget movies. "I like the scene, I like getting picked up in the morning and being in a dressing room . . . there are all sorts of wonderful, very civilized things about working on a movie."

But in between movies, he does theater work. "I'm stuck in non-profit theater. It's some sort of living hell," he says dryly. "I just play the waiting game."

Minnesota intern Blaise Schweitzer graduated from the University this spring with a bachelor of arts degree in journalism and mass communication.

# MIKAL BERNARD KEENAN

Ford Fellow  
University of Miami

By Joy Powell



Skin color could be a determinant in the likelihood of developing high blood pressure, according to Mikal Bernard Keenan, a 35-year-old researcher who is attending the University of Miami under a prestigious Ford Foundation Fellowship.

Keenan became interested in biological rhythms and hypertension in the early eighties while working on his undergraduate degree in psychology at the University of Minnesota. He was also interested in cognitive psychology, emotion, and

physiology. After graduating in 1985 and receiving his Ford Fellowship, Keenan combined his interests into a study of the relationship between psychosocial factors, stress, and high blood pressure. He plays a key part in a research team conducting the Behavioral Medicine Minority Hypertension Study at Miami.

Keenan says blacks and whites respond differently to stress. The differences are borne out in the sympathetic nervous system response—the body's reaction to stressful situations. Blacks tend to produce higher levels of stress-related hormones, according to blood tests conducted by Keenan. This and other tests support the hypothesis that race, and even gender, play a role in the way we react to stress.

Keenan believes that emotion and health are inseparable. As an undergraduate, he studied Eastern sciences with swamis and kung fu masters at the same time he was studying psychology and physics. "Everything that occurs in the mind is in some way an occurrence physically," Keenan explains. "You can't have processes of thought or awareness without some kind of associated molecular and chemical change. Emotions always include patterns of physiological responses or patterns."

Keenan says that several factors combine to result in high blood pressure, and if people can learn to alter the influence of these factors, they can lower their risk of developing hypertension. These factors include emotional stress, sympathetic nervous system reactivity, and an individual's coping style.

The findings from the minority hypertension study could improve attempts to diagnose, treat, and prevent hypertension. The next phase of the study will include blacks, whites, and Hispanics.

Keenan plans to investigate behaviors and personality styles that predispose people to illnesses such as heart disease, high blood pressure, and cancer, and to become a medical doctor by 1992. His personal goals include being true to himself, adapting to any situation, and practicing the martial arts—even after he turns 100.

# ROSS and BRIDGET LEVIN

**I**f age and success are only relative terms, then nothing is special about Ross and Bridget Levin.

Ross is president of Ross Levin Financial Group, and Bridget heads Bridget Levin Marketing and Promotion. Both are 28 years old.

Their former professors and advisers would not be surprised by the couple's successful careers. Ross and Bridget met as new student orientation leaders, and both believe that leadership positions were essential to their years at the University.

"As an eighteen-year-old in college," Bridget says, "if someone had told me that by the time we were 27 we would both have our own companies, I would have laughed. Just yesterday I was working on a promotion for a big client, and suddenly I stopped and thought, Is this real?"

Bridget graduated in 1982 with a degree in journalism and rhetoric. She worked for CBS Publications, marketing college textbooks, then became producer of "Good Company," a Twin Cities talk show on KSTP-TV. "I knew it was the opportunity of a lifetime," she says. "I interviewed with the executive producer almost once a week for six months. Finally, he said he would give me the position. He'd surrendered."

Bridget woke up on her 27th birthday and decided she had to make it on her own. She started her own company in May 1986, with KSTP-TV as her first client. In just a year, she has expanded to serve accountants, orthodontists, computer software companies, a spa, and nonprofit organizations such as the Kidney Foundation and the Cancer Society.

Ross Levin graduated from the School of Management in 1982 and worked for a financial planning consulting firm until he opened Ross Levin Financial Group in 1986.

"My vision was always to open my own practice," he says, "but it did happen faster than I thought it would." Ross is president of Creative Equity Resources, a broker/dealer and registered investment advisory firm. He was elected presi-



## Entrepreneurs

By Lisa Ray

dent of the Twin Cities Association for Financial Planning and serves as Midwest president of the International Association for Financial Planning.

"You do what you believe to be right, rather than trying to be a people pleaser," Ross says. "Everyone benefits. We put the clients first, the financial planner second, and Creative Equity third. All the benefits trickle down."

Ross and Bridget both feel the pressures of their age when dealing with clients. "It's hard to gain the confidence of a 50-year-old man when you're dealing with his money," Ross says.

"I'll come to a client," says Bridget, "and tell him how to run his business, and sometimes I'll think, Who do I think I am? But I know I have value. It's ridiculous if people look at traditional ages."

The Levins' offices are located in the same building in Minneapolis. All that togetherness is a powerful, positive force for them. Ross says,

"We have very different minds. Bridget is creative, and I'm analytical. We try to have lunch three or four times a week," he adds. "We wouldn't see a lot of each other if we didn't work in the same building."

In the future, Ross hopes to penetrate his market and establish a good reputation locally and nationally; Bridget wants her agency to grow enough to become international.

"Part of the reason we're both where we are is because we push each other," says Ross.

"It's competitive," Bridget says. "It works in our relationship to be competitive because we're in such different fields. I love bouncing ideas or problems off Ross. I trust him the most."

"We've each been in major low points in our careers," says Ross. "Fortunately, we haven't been there at the same points in time. One of us has always been strong enough to persevere."

## MARY MARTIN

**P**eople and the issues affecting their lives have always been a major interest for

Mary Martin, who, at 33, owns a law firm and a small publishing business that reports recent developments in specialized areas of law.

A member of the Twin Cities Metropolitan Council, a regional planning agency for the seven-county metropolitan area, Martin is particularly interested in long-term care for the elderly and the developmentally and physically disabled, as well as with day care for children. She is a member of the management committee and the metropolitan community development committee, and is a liaison to the Metropolitan Health Board.

After graduating with honors from the University of Minnesota, Morris (UMM), with a major in psychology, Martin began her career in 1975 as project director for the Retired Senior Volunteer Program in Elbow Lake, Minnesota, heading a five-county rural program. A year later she became executive director of the Southwest Minnesota Arts and Humanities Council in Marshall, Minnesota.

"I really had not seriously considered going into law after I graduated from UMM," Martin says. "I'd originally planned to enter graduate school in clinical psychology and had been accepted at the University of Michigan Graduate School. But as I was working with various people and various organizations, I became fascinated with the extent to which law permeates every part of society, and it seemed to me that a knowledge of law would help me to understand and do a better job in whatever field I would go into."

She entered the University of Minnesota Law School in 1979 and was awarded a juris doctor degree in 1981. During that time she worked as a governor's intern with the state planning agency, and was also a legal research assistant for the Minnesota House of Representatives research department in St. Paul.

Although she considered a new career outside of human services, she soon found herself drawn back into that area as staff counsel for



### Lawyer and Publisher

By Peg Palmer

the Minnesota Association of Health Care Facilities in Bloomington. Martin later became a government affairs specialist for the Association of Residences for the Retarded in Minnesota.

She opened her own law firm and publishing business in 1984. "Most of my clients are people who own or administer group homes for people with mental retardation," Martin says. "I work with them on problems related to employment matters, licensing issues, rates paid to them for services, and general business matters. I also have corporate and individual clients."

Married to fellow UMM alumnus Dean Kalmoe, Martin is the mother of two children: Megan, three, and Ryan, fifteen months. Understandably, she finds less time available for volunteer work these days. "I have tried to stay involved in activities because among public policymakers there are not many mothers of small children, and we have an important voice to be heard. We need adequate funds for preschool services and day care. Such funding might come soon if more parents were to become involved.

"I think one of the keys to success is in seeing areas of opportunity, recognizing them as opportunities, and taking advantage of them," Martin says. "At UMM one of the most important opportunities I had was working closely with faculty members, including psychologist Eric Klinger on Project on Fantasy research, who helped me develop critical thinking skills.

"Most of us will retrain for new jobs and new careers several times in our lives. Critical thinking skills developed as part of a strong liberal arts education continue to be important wherever you are and no matter how many careers you retrain for, because they provide the basis for learning how to learn. That's one of the most important things you can get from education. I am always learning new skills, even as specialized and focused as my practice is. Every case is an opportunity to develop a new argument . . . to learn something new . . . to try a new approach to things."

*Peg Palmer is a University Relations public relations representative at the University of Minnesota, Morris.*

Imagine being in a coronary care unit. Sterile surroundings, bright lights, the steady electronic beep-beep of your heartbeat. The imposing technology and your feelings of helplessness add to the worry of whether you've suffered a heart attack. This stress response is normal for cardiac patients—and the added strain to the heart comes at the worst possible time.

Ruth Lindquist, assistant professor of nursing at the University of Minnesota, was the chief investigator of a study showing that patients who are given a sense of participating in their recovery experience less stress. Lindquist studied 30 men admitted to hospitals with possible heart attacks. Ten men received routine care. Another ten performed simple exercises such as flexing their wrists and ankles. The other ten patients practiced relaxation techniques such as deep breathing.

Lindquist, 33, found that the two groups who thought they were participating in their recovery actually produced less of a stress-related hormone called noradrenalin than did the group that received routine care. The exercises were not enough to have made a difference in the patients' recoveries; only the sense of participating contributed to stress reduction. "The exercise is not as important as the patients' belief that they can actively take part in the outcome of their coronary stay," says Lindquist, who is continuing her research, expanding her psychological approach to try to change long-term behavior patterns in patients. "[Patients] are very pliable following an acute episode. They say they'll do anything." Lindquist hopes to determine exactly what nursing can do to have a lasting effect on the way patients handle stress and take care of themselves.

A former critical care nurse, Lindquist decided last year to devote her talents to teaching and research. Her credentials include being the only nurse to serve as a chief investigator in studies conducted at the St. Paul-Ramsey Medical Center, and being one of the youngest nurses in the nation to earn a Ph.D. At 30, Lindquist earned a Ph.D. from the

University's College of Pharmacy. She also earned bachelor's and master's degrees from the University.

"If I am a role model," says Lindquist, "I want to be an example of someone who's doing work she loves. You can only be a role model for people who are already excited about what they're doing. You can't give a student vision, but you can help those develop who really want to—and that's rewarding."

## RUTH LINDQUIST



**Assistant Professor of Nursing  
University of Minnesota**

*By Joy Powell*

**F**or a kid who didn't learn long division until tenth grade, Jay Greenberg, economist, Harvard graduate, and nationally recognized authority on health care for the elderly, has turned out fine.

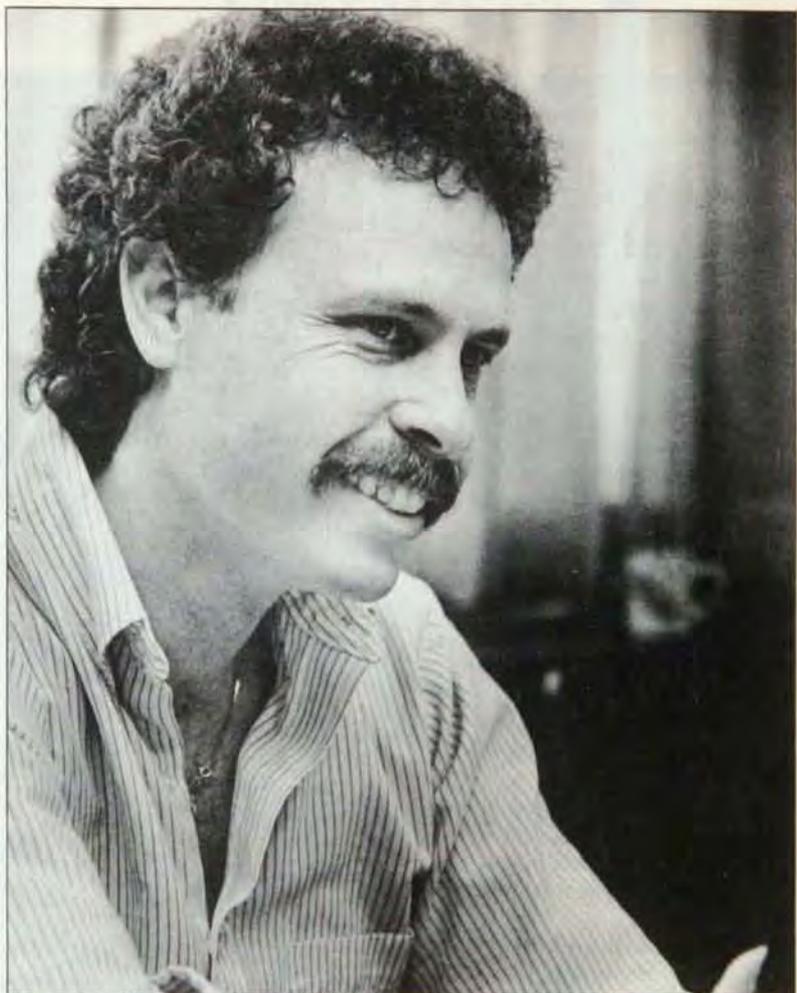
At 39, Greenberg is director of long-term care at Brandeis University's Health Policy Center and a major force behind the "social health maintenance organization," or social HMO, considered the most innovative health care program available for the elderly. Social HMOs, patterned in part after acute-care prepaid health plans, provide for the integration of long-term home health care and medical services, permitting the elderly to remain independent of expensive hospitals and nursing homes. Enrollees may live at home and receive medical services as well as nonmedical assistance, such as personal care and chore services.

Greenberg became interested in long-term health care while working on a master's degree in public affairs at the University of Minnesota. Looking at statistics on demographic trends one day, he was startled to see that the fastest-growing segment of the U.S. population was over 65. "It dawned on me that the whole nature of our society was going to change. I couldn't help wondering what issues were related to this."

A major issue, he discovered, was that the elderly couldn't get insurance protection for long-term care, especially home health care, which most elderly people and their families prefer. "The only program that had any major resources going into it was Medicaid, which is a welfare program. The program was serving many middle-class people, who were spending all their assets on nursing-home care until they became impoverished."

Even so, says Greenberg, most of the Medicaid money went to nursing homes and very little on home and community-based care.

Greenberg has had his share of difficulties selling the social HMO concept. Convincing the federal



## JAY GREENBERG

### Health Policy Center Director Brandeis University

*By Marta Fahrenz*

government and private insurance companies that the plans are cost-efficient and workable is one hurdle; educating the public is probably the greatest, he says. "So far the four social HMOs that are up and running are staying within their long-term care budgets, but they've had a lot of trouble enrolling people. We discovered that 75 percent of the people think that Medicare covers these things. We realize that educational efforts are really critical."

Greenberg began his study of health care for the elderly while at the University. In 1975 he went to

Harvard for a doctorate in health policy and management, then returned to the University and in 1978 was associate director and assistant professor in the Center for Health Services Research. He has been at Brandeis since 1983.

Greenberg seems to have his successes in perspective. "My religion teaches that the gifts we are born with obligate us to use them for the good of our fellow men," he says. "It appears that I have some gifts in being able to identify social problems and do something about them. When all is said and done, I just want to make a contribution."

**K**eith Nuechterlein knows the seemingly unlimited tragedy of schizophrenia. He's worked with hundreds of patients caught in the hellhole of the devastating disorder and is leading the search for its cause. Nuechterlein is the principal investigator of the largest and longest study of schizophrenia funded by the National Institute for Mental Health (NIMH) at the Clinical Research Center for the Study of Schizophrenia at the University of California at Los Angeles (UCLA).

The study into the developmental processes of schizophrenic disorders began in 1980 and will continue through 1989. The massive study is the capstone of eleven studies undertaken by Nuechterlein, who is also an associate professor in the UCLA School of Medicine's department of psychiatry and biobehavioral science. Since 1980 he's also been a mentor for medical students and fellows at UCLA.

Nuechterlein's own mentor at the University was Norman Garmezy, who helped him develop his thesis topic and obtain his first grant—for research into vulnerability to schizophrenia in children of schizophrenic patients. Garmezy calls Nuechterlein "a rising star in his field."

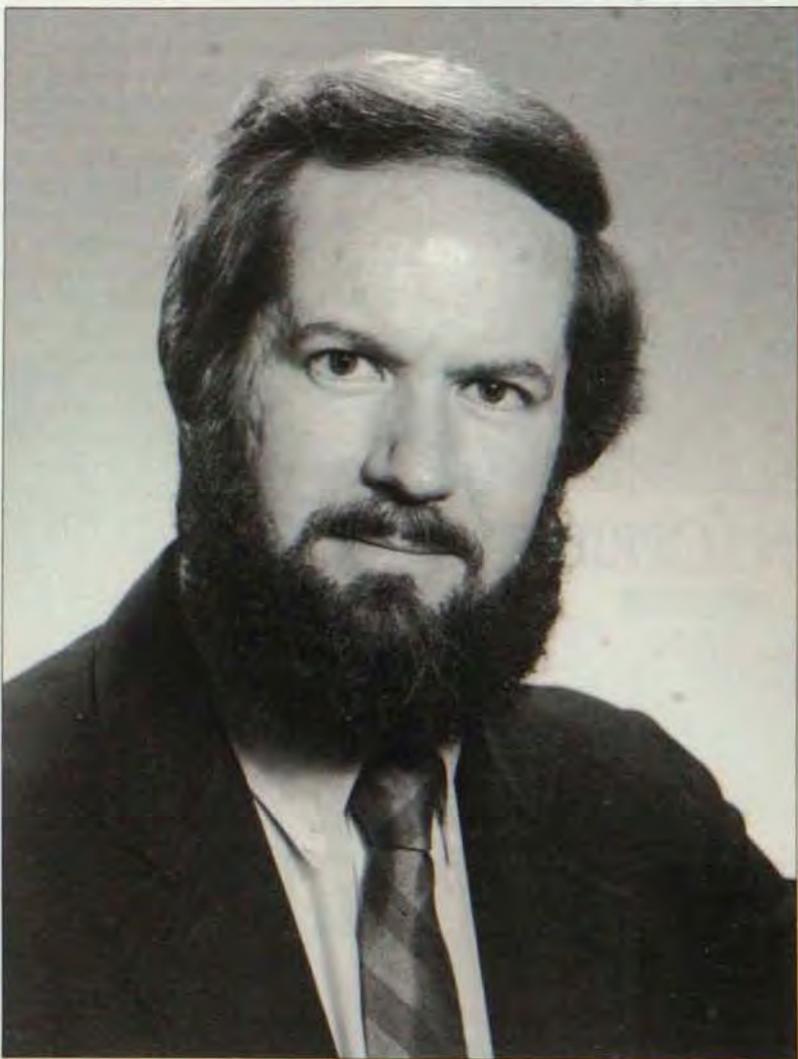
In 1970 Nuechterlein, 39, graduated with top honors from the University with a bachelor's degree in psychology. The same year he was awarded a NIMH Training Fellowship, and in 1975 he was selected for a Bush Fellowship. He moved to UCLA after earning his Ph.D. in psychology from the University in 1978.

Nuechterlein is searching for clues that will indicate when a person is about to have a schizophrenic episode. His three-phase study is tracking a group of adults ages eighteen to 22 for several years following their first schizophrenic episode. The findings from this study will be combined with his earlier research on schizophrenic patients' offspring. Nuechterlein intends to find "vulnerability" factors that will help doctors predict episodes. Doctors

can then intervene and use "targeted" drug therapy instead of continuous medication. The study is expected to result in better treatment methods.

"The field of schizophrenia is a very important one because it's such a severe and tragic illness," says Nuechterlein.

## KEITH NUECHTERLEIN



### Clinical Psychologist and Associate Professor UCLA School of Medicine

*By Joy Powell*

# KIRSTIN FRANTZICH ALLEN



# JOHN LOPRIENO



## Actors

By Blaise Schweitzer

In the heart-wrenching world of daytime soap operas, two University of Minnesota alumni

have found happiness. Kirstin Frantzich Allen and John Loprieno each landed a role on ABC's "One Life to Live."

Allen got her break when she met some people at a party who knew some people who could connect her with someone who could get her an audition.

"And then it happened overnight," says the 25-year-old Allen, who earned a degree in psychology from the University of Minnesota in 1983. "I was sent to this agent's office and in five minutes she said, 'I really like you.'" Before Allen knew it, she had landed a job.

Tracy James, her character on "One Life to Live," had a fixation on another character in the soap that caused conflicts. Her character became upset with those who came between her and the man she loved. "She killed everyone just for that," Allen says.

Playing such an unbalanced character allowed Allen to exercise her talents. "It allowed me as an actress to really go out on a limb," she says.

Near the end of her tenure on the show (as she began her killing spree), Allen's character began taking up more and more air time. Then things became tough.

"When you're on the air all the time, it's really hard because you're working twelve- and fourteen-hour days." Returning home at 9:00 p.m., Allen had to memorize as many as 35 to 40 pages of script by the following day. "It's funny," Allen says, "if you were in college and your teacher said, 'Memorize 40 pages by tomorrow,' you'd say, 'Forget it—you're crazy.' But all of a sudden when someone pays you to memorize 40 pages, somehow your brain does it."

Eventually the writers had to kill off Tracy "because I killed so many people," Allen says. She has since moved on to do some work on the soap opera "Another World." Allen is uncertain if her new character will be expanded into a full role, but she

is hopeful.

During Allen's last days on "One Life to Live," John Loprieno, another Minnesota alumnus, joined the cast. Loprieno knew of Allen from her last semester at the University.

"When I got on the show, everybody had wonderful things to say about her," Loprieno says. "They thought she was very professional, which I feel great pride in. For someone who is a young actress to have the reputation of being a very professional actress is impressive."

Like Allen, Loprieno, 26, never went through a "starvation" phase before making it on "One Life to Live." After getting a graduate degree in theater arts at the University in 1984, Loprieno taught at several colleges before getting his break.

Loprieno's character is a "heart-throb" role, which he finds amusing. "When I was at the University, they always asked me to play wife beaters or rapists . . . that type of thing," he says. "I never saw myself as a young romantic lead. But there are worse things to be typecast as. There are always parts for young leading men, and hopefully, when I get older, I'll get to be an older leading man."

Allen says she's a fan of Loprieno's for several reasons. "He has such a heart. I also like the fact that he's married and has a child. Those are very grounding things in this business."

Having that stability has helped Loprieno maintain perspective, he says, and keeps him from getting caught up in the glitter and glitz. "Thank God I had my wife and baby when I got this job. It's so tough to meet people working twelve to fourteen hours a day."

Loprieno is halfway through his two-year contract on the soap, so he knows he doesn't have to worry about his character getting terminally ill and finding himself out on the street. But he feels fairly secure in the acting world.

"I know that I will always have a job in daytime [television] if I should need it," he says. "For an actor to know that he's got a job, whether he needs it or not, is a wonderful belief."

Says general services officer Kaara Nicole Ettesvold from the American embassy in Moscow, "I miss the freedom of movement—of being able to do something spontaneously. With the bureaucracy here, you have to plan everything. It's very constrained. Whatever menial tasks you think of doing in Minneapolis take about ten more steps here."

When she graduated summa cum laude from the University of Minnesota in 1973 with a Russian and Spanish major, Ettesvold only dreamed of working for the Foreign Service. Her experiences soon included traveling around the USSR showing two exhibits for the United States Information Agency and running four exchange programs for the National Academy of Sciences in Soviet bloc nations.

After a battery of tests and security clearances, Ettesvold was accepted into the Foreign Service and began working in London as a consular officer arranging visas for visitors to the United States. The 35-year-old Fairmont, Minnesota, native is now in Moscow on her second tour of duty.

Life in Moscow isn't easy for Americans. Until recently, Ettesvold was the customs and shipping officer in charge of everything Americans had to import to live in Russia—from mail, lumber, and plumbing to appliances. Now, with the withdrawal of the approximately 160 Russian service people from the embassy—a Russian reaction to its forced reduction of representatives to the United Nations—Ettesvold helps keep the embassy functioning for the 120 families that live and work there. She believes all the Americans have pulled together in what could otherwise be a crisis situation. "Very few cultures could have kept an embassy working without the normal support staff," Ettesvold says. "It made me feel extra proud—in spite of what the newspapers said."

Ettesvold often works closely with Russian officials to arrange tasks such as garbage pickup, a new

warehouse cite, or plumbing work. She is constantly careful to present herself as "polite, efficient, and courteous" to break the Russians' image of Americans as "capitalist monsters."

Ettesvold lives in Moscow with her husband, David Weisz, an officer in the political external section of the embassy. They live without many of the luxuries Americans take for granted. They never go out to eat because "the food is lousy and the service is bad." Instead, they dine on eight pounds of vegetables they get weekly from Helsinki, fruit from Florida, and

supplies from the post exchange. As restricted as any Russian citizen in many ways, the couple has to order from Helsinki for materials as simple as picture hangers or to have their clothes dry-cleaned.

But Ettesvold doesn't mind the inconveniences. "It may sound corny, but I like working for the government. Anything I can do to help establish diplomatic relations I feel is my duty as an American."

---

Minnesota intern Ann Mueller graduated from the University this spring with a bachelor of arts degree.

## KAARA N. ETTESVOLD



### General Services Officer American Embassy, Moscow

By Ann Mueller

**F**arming. Running. Farming. Running. Life has been variable for marathon runner

Dick Beardsley, who graduated in 1978 with an associate in applied science degree in diversified agriculture from the University of Minnesota, Waseca (UMW).

Today, Beardsley, 31, is training for the 1988 Olympics. A year ago he was a successful full-time dairy farmer in Rush City, Minnesota.

Although Beardsley is a city boy from Wayzata, Minnesota, the desire to farm came when he helped his neighbors who owned a dairy farm.

While he pursued this interest at UMW, he found a second: running. Beardsley set the record for Grandma's Marathon in Duluth on June 20, 1977, at 2:09.37, but he had no idea he would become the second-fastest marathon runner in American history.

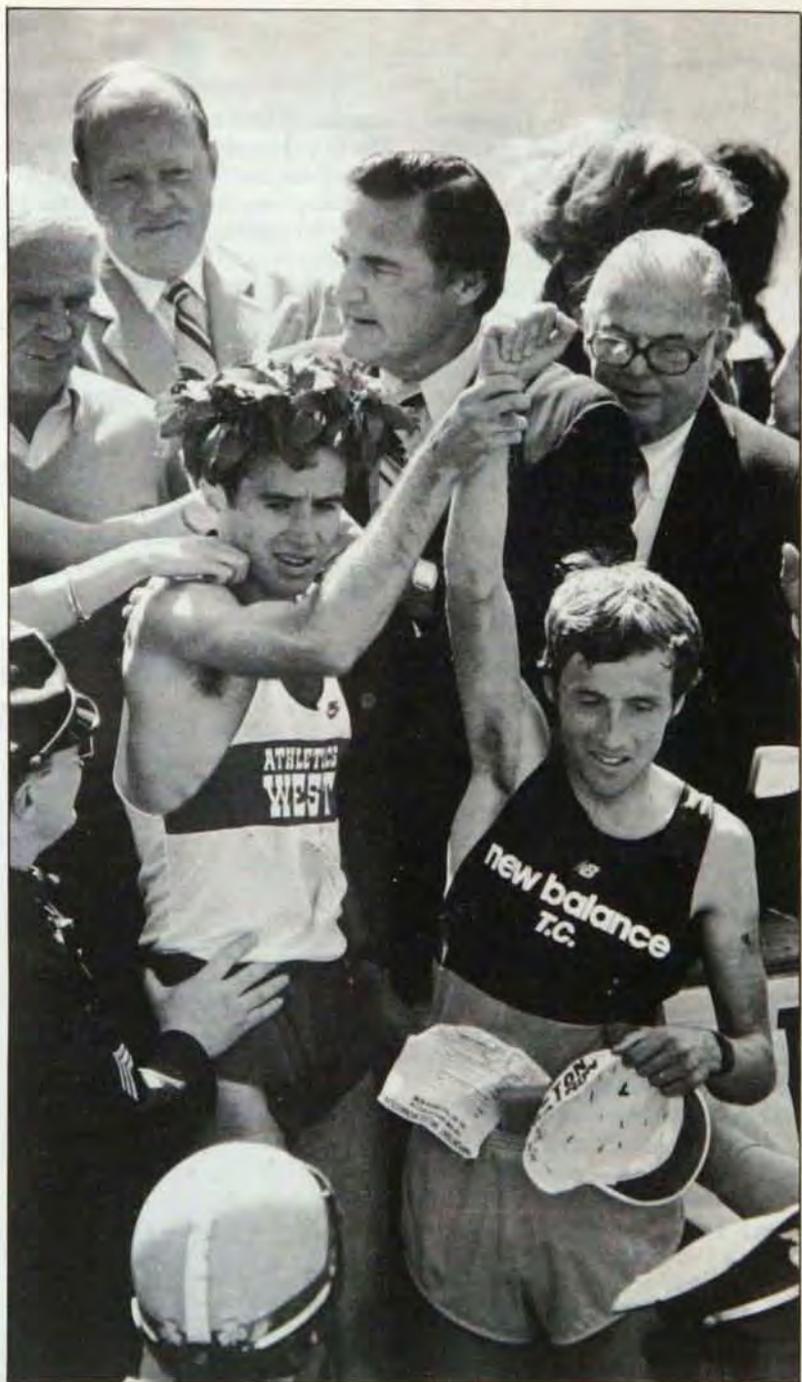
In 1982, Beardsley came in two seconds behind winner Alberto Salazar's 2:08.51 in the Boston Marathon. No American has ever run a faster marathon than those two did on April 18.

Two months later, Beardsley won Grandma's Marathon again, then ran in the New York Marathon and kept on running until he finally broke down. Beardsley developed microtears in his left Achilles tendon. Surgery was followed by more running, then by more surgery. He would not make it to the 1984 Olympic trials.

With his wife, Mary, and son, Andy, Beardsley returned to his first love, farming.

The Beardsleys have since left the farm and moved to Plymouth, Minnesota, where Dick is in training for the Olympic trials in April of 1988. He qualified for the trials this spring with a victory in California. If he sets the same pace, the Olympics will finally become reality.

*Becky Austin is a University Relations information representative at the University of Minnesota, Waseca.*



## DICK BEARDSLEY

### Farmer and Marathon Runner

*By Becky Austin*

**W**hen Minnesotans cheered for the Denver Broncos in last year's Super Bowl, it was not only because their sympathies leaned toward the underdog but also because there on their screens, in Orange Crush colors, was Edina, Minnesota, native Karl Mecklenburg, 26.

Mecklenburg, a 1983 University of Minnesota graduate of the College of Biological Science, was touted as one of the game's premier players in the "battle of the linebackers," as one television announcer dubbed it, pitted against Lawrence Taylor, National Football League (NFL) Player of the Year. But attention on Mecklenburg faded as the Giants steamrolled to a 39-20 victory.

Yet if a Super Bowl victory eluded Mecklenburg, respect from his NFL peers hasn't. Described as "one of the NFL's biggest success stories of 1985," Mecklenburg has established himself as one of the best defensive players in the game. During the 1985 season, he played seven different positions, and he led the team in forced fumbles. He has played in the last two pro bowls in his four professional years and was voted all-NFL last year by *Sports Illustrated*.

Yet professional success has not come easily for Mecklenburg.

As a junior at Edina West High School, Mecklenburg was still playing junior varsity. When he graduated, Minnesota recruited him as a walk-on but wasn't prepared to give him a scholarship because he was too small. "He wasn't real big then," said defensive coordinator Bruce Vandersail in a newspaper article several years later. "He was real fast for a defensive end."

But at 190 pounds, he was wanted by Augustana College in South Dakota, and in his sophomore year there, he made all-conference. He also added more than 30 pounds and was ready to play for the University. But just as the Gophers awarded him a scholarship, he injured his knee and had to undergo surgery. He survived the surgery and the 1981 season, and registered twelve tackles-for-loss, second in the Big Ten only to Iowa's Andre Tippett, who now stars with

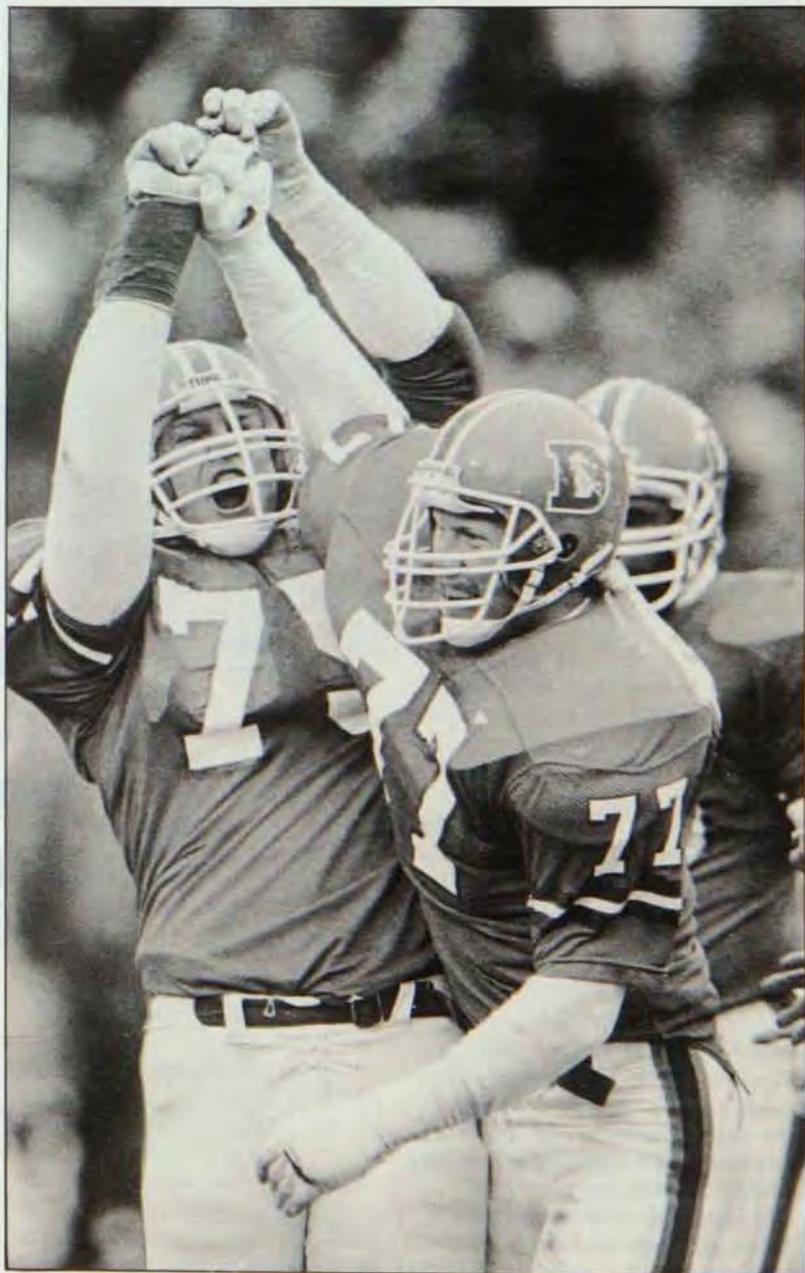
the New England Patriots. He finished the season by making all-Big Ten second team during his first year in Gopher football.

Mecklenburg was drafted in the last round of the 1983 NFL draft. With a degree in biology, he considered medical school but chose the pros. When the Broncos drafted him, he was considered a long shot to make the team, but "we took a chance on him," said defensive coach Joe Collier in a *Newsweek* article chronicling the Broncos' success—success that Mecklenburg helped create.

## KARL MECKLENBURG

Linebacker  
Denver Broncos

By Chris Niskanen



DAMIAN STRONHMEYER, DENVER POST

In 1977 at the age of 23, Marcia Bevard Kulick was involved in a motorcycle accident that broke her spinal column and left her without the use of her legs. At a dramatic turning point in her life, she realized that she would have to go on with her life confined to a wheelchair. Two years later, she competed in the National Games for the Disabled, finishing second in the front freestyle event and setting a national record in the backstroke event.

Today Bevard Kulick's list of personal and athletic achievements includes national and world records in swimming, gold medals in international competitions, distinguished awards from prominent organizations, and appearances on national television and radio programs.

In 1980, she went to the University of Minnesota-Duluth (UMD) to study therapeutic recreation and graduated summa cum laude in 1985. She competed on UMD's women's swim team and became the first female paraplegic to compete on the university level.

Although swimming is her primary sport, Bevard Kulick has also competed in marathons and national skiing events. In 1983, she was named one of *Glamour's* "Top Ten College Women," and in 1985 was honored as one of the ten Outstanding Young Women of America by the advisory board of Outstanding Young Women in Washington, D.C.

Today Bevard Kulick, 33, is working on a master's degree in health education at UMD and tours the United States conducting clinics on whole body health and dance aerobics for persons with disabilities.

The will to excel in sports and push herself to physical limits comes from "my spirit and my soul," she says. Her whole body clinics, sponsored by the Dodge Division of Chrysler Corporation, give her an opportunity to prescribe what she calls the "double-win theory."

"If I can help other people to win, I'll win too," she says. "And so far, it has worked."



## MARCIA BEVARD KULICK

**Athlete, Health Consultant**

*By Chris Niskanen*

# ROBIN YOUNG

**H**igh points in Robin Young's career have found him in some rather unusual places.

In March of 1986 *Institutional Investor* magazine named him one of the top stock analysts in the nation for identifying one of the ten best performing stocks on the New York Stock Exchange in 1985. Several months later, Young found himself smack in the middle of an analyst's fantasy—on a dirt road 30 miles northeast of Baltimore between two cow pastures.

"I could pick up a rock out of the driveway and hit a jersey," he says.

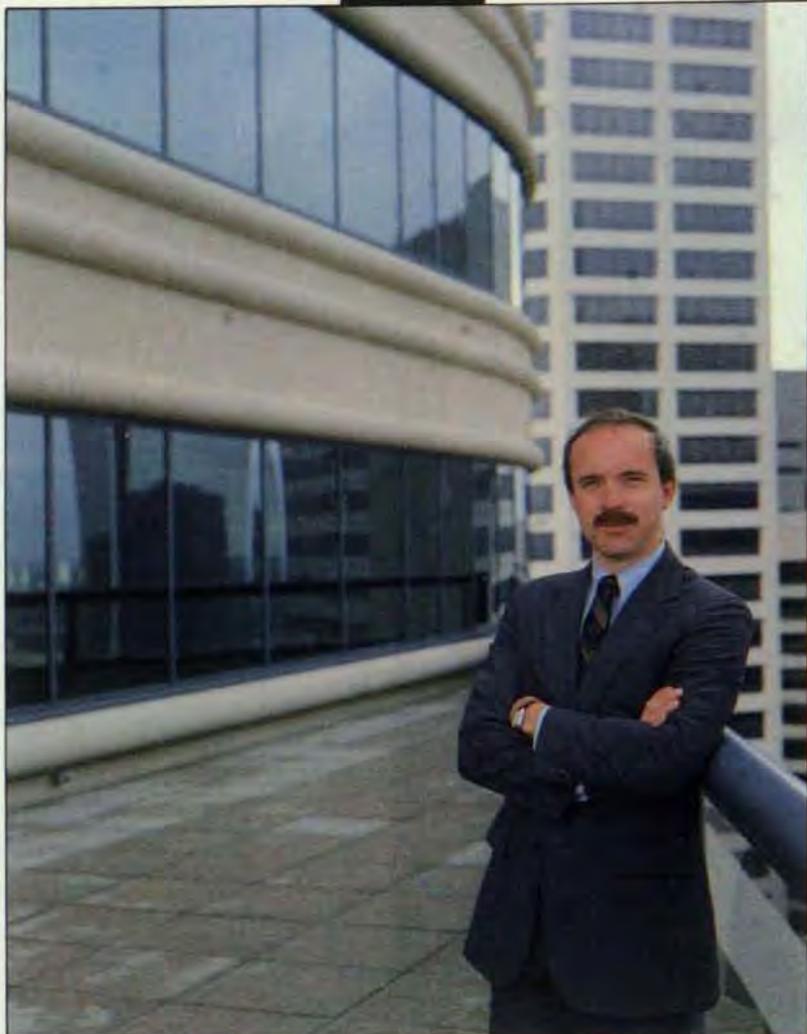
The place was Owings Mills, Maryland, where he appeared on "Wall Street Week," a national specialized business television show hosted by Louis Rukeyser. Young, 34, vice president and director of research at John G. Kinnard and Company in Minneapolis, was invited to discuss his specialty: leisure-time stocks.

Young came to national attention when he recommended the stock of Tonka Corporation, a Minneapolis-based company previously known only for its toy trucks. Tonka was in financial trouble until 1984, when it introduced Gobots, toy cars and trucks that change into robots. Young felt confident that Tonka could become a major national marketer of many toys, and in 1985 the introduction of Pound Puppies, stuffed orphaned dogs for children to adopt, proved it. They became a runaway hit.

What did Young see in Tonka that other analysts missed?

When researching companies, Young looks for specific qualifications. The first is management talent. "I don't like flashy managements," he says. "I like managements that are dull, oriented toward planning and getting the basics right."

Another important quality is that a company be in a big market with a lot of room to grow, and that the company have interesting products. "The last thing I look at are the financials," Young says. "Financials have to show that sales are up, profits are up, and that the balance



VIRGINIA WALDEN

## Vice President and Research Director John G. Kinnard and Company

By Lisa Ray

sheets are in order. All those things combined usually mean a good company to invest in."

After graduating from the University's General College in legal administration in 1976, Young opened a candy store in St. Paul and received his M.B.A. from the College of St. Thomas. Later, he sold the store and became an accountant for the state. He worked as an analyst before joining John G. Kinnard in early 1986.

Young and his wife, Catherine, live in St. Paul, where he teaches in the graduate program at the College of St. Thomas. He hopes someday

to own and explore his own acre of land in southwestern United States near Chaco Canyon, an area that is currently ignored by modern archaeologists. "As an analyst, I have the natural desire to discover what other people have missed," says Young. "I could excavate the land, find my artifacts, and maybe start on a quest to discover the culture."

As for his future? "I don't feel that I've reached my potential," says Young. "It's like excavating ruins—I'm always looking for new little companies that no one has discovered."

# MICHELE BREKKE



## Flight Director NASA

*By Kimberly Yaman*

**W**hen Michele Brekke was in the graduate program in aerospace engineering at the University of Minnesota in 1975, she got a part-time job as a computer programmer for Honeywell. Her job was to write flowcharts and modify the computer programs written by Honeywell engineers. After doing that for a while, she says, "I knew I didn't want to be a computer programmer; I wanted to be the person who needed a computer programmer."

At 34, Brekke has found her niche as a flight director at the Lyndon B. Johnson Space Center in Houston. "I've always been achievement oriented," says Brekke, "and this position is a nirvana of achievement. To build a program from a 50-pound stack of paperwork to a completed shuttle mission—that's the greatest achievement I know."

Brekke wanted to be an astronaut from the time Apollo 11 placed the first Americans on the moon in 1969, when Brekke was sixteen. While at the University, she worked toward that goal while "playing the whole science field," constantly looking for what she really wanted to do, trying to make sure that a career as an astronaut was for her.

Once she was absolutely sure, "things started to fall into place," she says. Just after completing her master's degree, Brekke received a call from NASA asking if she would like to work as an astronaut instructor.

A month after she started working for NASA, Brekke received a rejection letter from the astronaut program. "It would have been a lot tougher to take if I weren't already involved in the space program and if I didn't love what I was doing," says Brekke. "And I'm a realist. I know things change, and we have to change our expectations and perspectives to keep up with what's realistic and possible."

Brekke continued as an astronaut instructor for five years, and then became a payload officer in Mission Control. "It was a turning point, really. I liked what I was doing, but I really like to be a part of a big program, to be a part that no one

else can be. After a few years of instructing, I knew that if I were sick, someone else could come in and teach. Once I knew that, it was time to make a change."

As payload officer, Brekke was a liaison between Mission Control and the customers who paid NASA to launch satellites and have cargo taken into space on the space shuttle. "It was a chance to see a project through to completion, and it gave me an opportunity to become intimately familiar with the shuttle program and operations."

That familiarity and her expertise brought her another opportunity to contribute to the space shuttle program in 1985, when she was asked to undertake a twelve-month training program that would prepare her to become a flight director for NASA's shuttle missions.

When the space shuttle *Challenger* crashed in January 1986, "It was an anguishing and critical time," says Brekke.

She took a week off to work through the pain she felt at the loss, but then returned to the training and simulator classes because, she says, "I needed a goal to work toward to make things real again."

She completed her training in the fall of 1986 and is now doing "whatever it takes to become a great flight director." She measures herself against her goal on her own terms, becoming proficient at one area, then moving on to another. She is currently working on becoming a rendezvous expert, honing the skills to rendezvous a space shuttle with another orbiting satellite or space station.

Science and technology are a big part of Brekke's life outside of work, as well. Her husband, Robert, is head of the Artificial Intelligence Division of Ford Aerospace. Until four years ago, he worked at the Johnson Space Center as an engineer for NASA on the flight simulator project. "It was great," says Brekke. "We rode in to work together and were able to talk shop all the time. Now it's even better, though, I think, because we can share our own individual projects and learn about each other's work."

The scientific discussions are creating an "engineering aura" for the

Brekkes' two children, Joey, five, and Jeffrey, three. "It would be hard for them to not be interested in science, because it surrounds us at home," says Brekke.

Brekke offers this advice for young aspiring scientists and engineers: "Play the field. Look, look, and look again for what you really want to do. Go to the library and read trade journals to keep up with

the field. Get involved and stay involved with the outside world. And stay in school, no matter what it takes.

"I've got a poster in my office that sums it all up," says Brekke. "It's a picture of a woman running high hurdles. The caption on the poster reads, 'All it takes is all you've got.' That's what you've got to keep in mind."



## WHERE EVERYTHING IS ABOVE YOUR EXPECTATION

The ORION ROOM has romantic dinners for two (prepared tableside), new chef specialties and flaming coffees to end the perfect evening.

Come dine in an elegant facility with first class service where everything is above your expectation.

As a member of the Alumni Club you are entitled to a 10% discount on your restaurant check when you present your Alumni Club Card

### ORION ROOM

50th Floor IDS Bldg.  
For Reservations Call:  
349-6250

# EMILY MANN

## Playwright

By Deane Morrison



GEORGE DE VINCENT

When former San Francisco Supervisor Dan White shot Supervisor Harvey Milk and Mayor George Moscone, the crime sent shock waves throughout the country.

With *Execution of Justice*, her play about the White case, Emily Mann created a stir of her own. Premiered in March 1984 by Actors Theater of Louisville, the play won the Great American Play Contest. It was performed at the Guthrie The-

atre in Minneapolis, on Broadway, and in 60 other regional theaters. It garnered an impressive string of awards: the Bay Area Theater Critics Circle Award, a Home Box Office Award, a Helen Hayes Award, and a Drama Desk nomination.

A Boston-area native, Mann, 35, attended high school in Chicago, graduated from Radcliffe College, and received a master of fine arts degree from the University of Minnesota in 1976. A talented director as well as writer, she held a Bush Fellowship in directing while a graduate student.

As resident director at the Guthrie and associate artistic director of Guthrie 2 from 1977 to 1979, she directed an acclaimed production of Tennessee Williams's *The Glass Menagerie*. While at the Guthrie, Mann also directed her first play, *Annulla, an Autobiography*, which later was produced at Chicago's Goodman Theatre and on National Public Radio's "Earplay."

*Still Life*, her probing play about the Vietnam War, received six Obie awards for its 1981 off-Broadway run, including best playwriting and direction awards for Mann. The play was performed at many American resident theaters and in cities around the world, including London, Paris, and Avignon.

Among Mann's many awards are a Guggenheim, under which she wrote *Execution of Justice*; an Artistic Associates Grant and a Playwriting Award from the National Endowment for the Arts; a Creative Artists Program Services Award from New York State; and a Playwrights Center Award McKnight Fellowship.

Mann is currently writing for television and film and is directing Ibsen's *Hedda Gabler* at the La Jolla Playhouse in California this summer. This mix of media makes for a varied career, but she still likes live theater best.

"Although I enjoy other media, my roots are in the theater, and I always will have to return to it," she says. "What I enjoy most is that theater is still an open forum of ideas. Writers in the theater own their work—they have complete artistic control over their material."

“

n order to succeed, you must either have the ability to say no—or put in lots of extra

hours.”

Those words of wisdom are from 26-year-old Curt Youngs, who is completing his first year as an assistant professor at the University of Idaho.

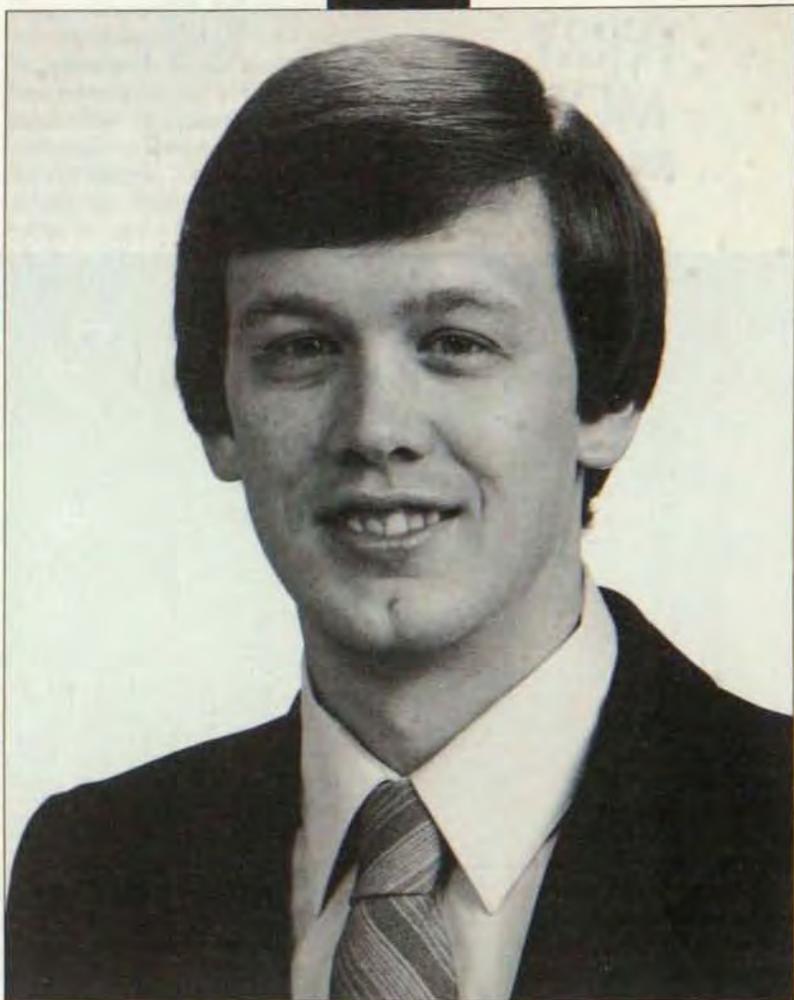
Youngs is a research scientist, primarily in the area of sheep production and management, and teaches animal breeding, sheep production, and undergraduate seminars. When he is not researching, teaching, or managing some 200 sheep, Youngs is convincing people to contribute money for buildings and materials to complete his research projects, submitting grants, or recruiting students. Those activities add up to 65- to 70-hour work-weeks.

Youngs, a native of Winona, Minnesota, majored in agricultural research technology at the University of Minnesota, Waseca (UMW), enrolling at the two-year technical college because he felt compelled to get hands-on learning about farm technology, typically not offered at four-year institutions. At UMW, Youngs was active in student senate, was a state Future Farmers of America officer, and participated in numerous other academic activities. After he graduated in 1980 with an associate in applied science degree, Youngs was able to complete his bachelor's degree in 1981 at the University's St. Paul campus. He earned his doctorate in 1985.

Before moving to Idaho, Youngs spent a year at Louisiana State University working on postdoctoral research that involved splitting embryos. The study was funded by a research grant from the National Wool Growers.

Youngs says he is still in the “building stages” of his career at Idaho and plans to stay. He hopes things will slow down a little so that he can spend more time with his wife, Linda, and their two-year-old son, Matthew. But he will probably have to learn to say no before that happens.

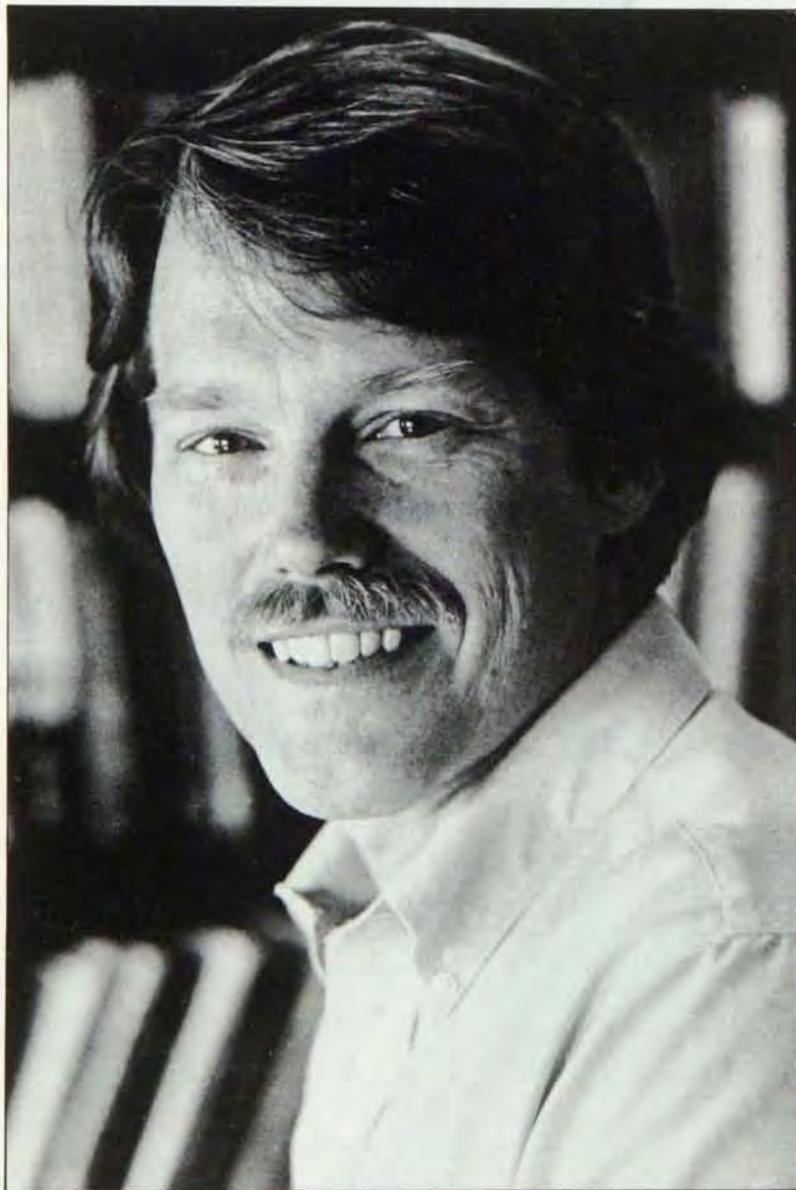
## CURT YOUNGS



### Assistant Professor University of Idaho

*By Becky Austin*

## TERRY MOE



### Political Science Professor Stanford University

By Ann Mueller

Utopia for Terry Moe, a 1976 political science graduate of the University of Minnesota, is an environment designed for research, with data bases and research staff within arm's reach, no classes to prepare for or conduct or assignments to grade.

Such an environment is the renowned privately funded Brookings Institute in Washington, D.C.

"It's a wonderful place to work," says Moe. "You have a lot of interaction with your colleagues. And there is no attempt by the Brookings people to interfere with your work. They don't tell you what you ought to be doing. You're on your own."

In 1984, Moe took a two-year leave from his tenured position at Stanford University in California to be one of only eight senior fellows in the Brookings Government Studies Program. He returned to Stanford last fall and is finishing the two books he began at Brookings and teaching three classes.

One of the books Moe is working on with University of Minnesota graduate and fellow Brookings and Stanford professor John Chubb, who is still at the institute, will propose changing government social control of public school systems to a more market-oriented, regulation-free organization similar to that of private schools.

"Private schools operate more like a team," says Moe, 37. "They're not as restrictive, and can be more responsive to students' and parents' needs. Public schools operate more like a bureaucracy. The unfortunate thing is that the people who are in the positions to make these decisions—the local politicians, legislatures, and governors—are the least likely to change the system because of very strong interest groups, such as the teachers' unions."

The other Brookings project Moe is completing concerns political control of bureaucratic agencies. Focusing on the National Labor Relations Board, he is researching the roles of interest groups, Congress, and the president on how governmental agencies are formed and to what degree they are autonomous from political control.

Moe believes he gained from his intense Brookings Institute experience what the organization is famous for. "Brookings changed me," he says. "It changed the way I do my work. I've developed a new attitude about my research. You want a healthy balance of theory and substance. You don't want to be an armchair philosopher."

EDWARD W. SOLOZ

**C**athie Hartnett never made all-Big Ten while she attended the University of Minnesota, nor did she ever play a varsity sport. But in Washington, D. C., these days, she's got as many Washington fans as the Gipper himself.

Hartnett, 35, is president of Hartnett and Associates, a company that specializes in fund-raising and promotion for everything from congressional candidates to the Sierra Club and the Washington Area Music Awards. In 1986 she undertook a public relations campaign that has made her a sports celebrity—the SuperSkins Fan Club, the official fan club of the Washington Redskins football team. With a 60-year wait for season tickets, Redskins fans have Hartnett to thank for bringing the Redskins out of the stadium and into the shopping malls for fund-raising and autograph sessions.

"The only thing everybody agrees on in Washington is the Redskins," says the 1977 graduate. An idea of Hartnett's and former Washington Redskins linebacker George Starke, the SuperSkins attracted more than 3,000 members its first season, and Hartnett says the eventual goal is 100,000 members. "We have as many adult members as children," she says. "I've seen people step over children to get a Redskin autograph."

Besides giving fans a look at Redskins players, SuperSkins raises money for local charities and funds for establishing a Washington Sports Hall of Fame. Hartnett says that her company promotes Redskins players, creating a source of income for themselves outside of football, where the average player's career span is around four years.

At the University, Hartnett majored in child psychology and was at 23 the youngest member ever elected to the St. Paul School Board. Her association with the Redskins began when she met Starke at a party. After the Redskins won the Super Bowl in 1982, Starke remembered Hartnett's business savvy and called her to see if

she wanted to promote the Super Hogs, the notorious Washington offensive line. As an organization, Super Hogs is now defunct, but SuperSkins carries on the tradition for the whole team. Hartnett says her association with the Redskins has led her to a better appreciation of football players and the rigors of their profession. "I have found them to be very businesslike and interested in planning a professional life," she says.



## CATHIE HARTNETT

Sports Promoter  
Hartnett and Associates

*By Chris Niskanen*

**O**n May 5, 1987, Michael Osterholm stood in the spotlight of the darkened chambers of the Minnesota Senate. With the clear and compelling style for which he's known, Osterholm warned that society is facing an acquired immunodeficiency syndrome (AIDS) epidemic that is almost unfathomable. With statistics and projections, he convinced the senators and their staffs that thousands will die as the end of the century nears—and the only chance to lessen the severity of the AIDS epidemic is through education and

behavioral change.

Osterholm, 34, is a small-town boy from Waukon, Iowa, who grew up loving Sherlock Holmes and became a highly respected medical sleuth. In 1980 he earned his Ph.D. in environmental health from the University of Minnesota. He became the state epidemiologist in 1984 and quickly gained a reputation for solving medical mysteries, including the link between toxic shock syndrome and tampons.

But AIDS is the most terrifying threat that Osterholm and other public health officials have encountered. "The greatest challenge as a public health practitioner is trying to have an impact on this disease,"

he says. "Despite all our efforts, we are concerned that we may be known in the next generation as having been only historians—not as interventionists who have had an impact."

By 1991, Osterholm says, Minnesotans will bury fifteen to twenty AIDS victims a week. And by 1991, AIDS will be the leading cause of death among adult men under the age of 65. With an estimated 100,000 homosexual or bisexual men in the state, and up to 30,000 of them now carrying the virus, Minnesota could follow San Francisco's catastrophic AIDS statistics.

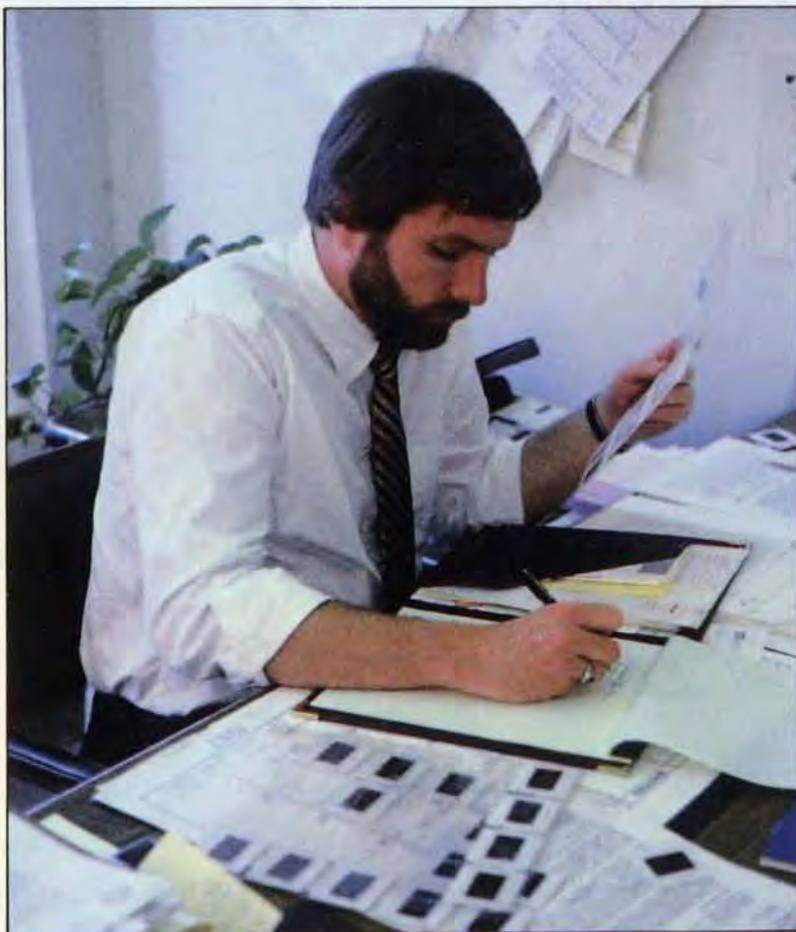
One of the most difficult aspects of working with AIDS is dealing with bisexuals and homosexuals who remain closeted and are the most difficult segment of the population to reach. Throughout the gay community, Osterholm finds feelings of denial, anger, and fear.

Osterholm's frank and sometimes controversial approaches have brought criticism from the gay community in the Twin Cities, especially following a controversial health department recommendation to the state legislature that set up methods of confining AIDS carriers who knowingly transmit the virus. The Minnesota Civil Liberties Union and the gay community denounced noncompliant carrier confinement as a threat to civil liberties. But Osterholm and other supporters maintain that the plan is vital if infected prostitutes and others who knowingly spread the disease are to be stopped—and lives saved.

"I'd much rather be criticized for something I did than get through with something and be sorry for something that I didn't do," Osterholm explains.

As if the challenges of his profession aren't enough, Osterholm last year made news trying to swim the English Channel. He failed twice.

The thought of swimming the English Channel is like a scene out of a Walter Mitty film, Osterholm says with a smile. "It's something that's in between being not safe but not impossible. It's not like growing wings and being able to fly. Maybe on just the right day, with just the right conditions, I can do it. In fact, it's not a question of *if* I can do it—it's *when*. I know I can."



## MICHAEL OSTERHOLM

Minnesota State Epidemiologist

By Joy Powell

# JAY KIEDROWSKI

**T**he six-foot, three-inch guard spent most of his four years on the Gopher basketball team sitting on the bench watching the other players. Looking back, Jay Kiedrowski, 37, says, "I learned a lot of lessons being on the bench, having to play a support role and not being the star. That was a tremendous part of my education at the University."

Today, as Minnesota commissioner of finance, Kiedrowski often uses sports analogies as a player on Minnesota Governor Rudy Perpich's team. "He gives commissioners more latitude than most governors have in the past. That's rare in a political system for that kind of freedom to exist."

The biggest challenge Kiedrowski encounters is trying to push a budget through the legislature. "The legislature is nothing like I've ever experienced because there's such a variety of people. There are rational people who are very concerned about making good policy. There are other people that are just interested in personal power. There are some people that are exceedingly bright. There are others that aren't. There is such a mixture that you're constantly trying to figure out the best way to communicate with people to sell the governor's program and sell what you're interested in. Things are constantly changing—the power keeps moving."

At the time when Kiedrowski was making the short trip from the Minneapolis suburb of Edina to attend the University of Minnesota, he wasn't considering a political career. But after completing his bachelor of science degree in industrial engineering from the Institute of Technology in 1971, Kiedrowski realized he "wasn't cut out to be an engineer. Engineering was a little too mechanical; it wasn't dynamic enough." Courses he had taken in economics and history, plus the "radical mood of the seventies," made him realize that he "wanted to get involved in the public sector and make some kind of contribution."

Legislator John Brandl, then new director of the School of Public Affairs (now the Hubert H. Hum-



## Minnesota Commissioner of Finance

By Ann Mueller

phrey Institute of Public Affairs), was the reason Kiedrowski entered the school to get his master's degree in 1973. "He was transforming the program into more of an economic program instead of one with the old public administration focus. I was more stimulated my first year in graduate school than I had been before in any school. I just loved it. I was challenged to think how you might shape society and how politics fits into all of that."

After being talked into a researcher position for the state senate by his adviser, Arthur Naftalin, Kiedrowski moved into the Minneapolis political arena as city budget director and assistant city coordinator for finance and management, then became deputy commissioner of finance for the state. Then, one morning in June of 1985, Perpich called him into his office to tell him that Commissioner of Finance Gordon Dunhowe was resigning. By four o'clock that afternoon, Kiedrowski was addressing a special session of the legislature as the new commissioner.

For Kiedrowski, change is con-

stant and positive. "When I look at this position, I know I won't be here forever, because I know I won't be able to bring the same amount of energy that's necessary for a commissioner of finance to do a good job. There comes a time when you just won't do a good job. You have to recognize that and move on."

When the time comes to leave, Kiedrowski says he would be interested in working for a nonprofit organization or a business. "At some point, I would like to try business. I would like to see what the culture is like," he says.

Whatever Kiedrowski's career forecast is, his optimism reigns. He attributes this attitude to a Newman Center sermon he remembers from his college days. "The real stimulant of life, the preacher felt, was living with insecurity and being challenged by not living the status quo—to be alive and challenged. I'll never forget that. I've often thought about that as I've been stressed and constantly living with, Will I be working tomorrow? I can never say I haven't had an exciting and full 37 years."



## ELIZABETH SLOAN

Executive Editor  
*McCall's*

By Bjørn Sletto

The food that's unhealthy for you has given Elizabeth Sloan, 34, a healthy career as an editor of nutrition trade journals and director of the food service pages of *Good Housekeeping* magazine.

Recently her career took a slightly different turn. She was appointed editor of *McCall's* and vice president of *McCall's* Publishing Company. She continues to be editor-in-chief of three other food-related magazines and is a regular contributing editor of *Food Engineering*.

"As editor-in-chief of *McCall's*, I decide the general direction of the magazine," Sloan says, "and I am more involved as an administrator. I do less writing than I used to, but I try to write as much as possible to stay fresh in my area of expertise. I also read as much as possible about my field to keep track of what's happening."

Originally from Hackensack, New Jersey, Sloan earned her bachelor of science degree with honors at Rutgers University and came to the University of Minnesota in 1973 to work on her joint doctorate in food technology and journalism.

This unusual degree combination proved to be highly beneficial for Sloan. Major corporations were then, and are still, looking for people with her particular specialty. Although consumer activism and the fear of harmful food products aren't as strong today as in the early seventies, the need for consumer information hasn't subsided.

"I went to graduate school when there was much criticism by consumer activists of journalism," Sloan says. "There was concern over cancer and heart disease and how food could contribute to that. I was interested in getting good scientific information out to the public, because there was so much misinformation."

After graduation from the University, Sloan headed General Mills' Nutrition Communication Service, producing consumer brochures and organizing expert testimony on food and nutrition issues. She also started a monthly newsletter for nutritional

experts. Now the nation's largest, the newsletter reaches more than 200,000 nutrition professionals.

"This is a very hot area right now," Sloan says. "Major companies are looking for people with consumer skills, journalism skills, and knowledge about food science technology. More and more people are being hired not only because they know how to write, but because they know about a certain subject. Not very many people are trained in this field—and the jobs are very well paid."

To get experience in magazine writing, Sloan left General Mills in 1979 to become editor-in-chief of two professional publications, *Cereal Foods World* and *Cereal Chemistry*. In 1980 she returned to the East Coast to work on *Good Housekeeping*, where she was responsible for the magazine's testing laboratories and its "Seal of Approval." She was also director of editorial service pages and managed a staff of nearly 80 editors in the areas of food and recipe development, beauty and cosmetics, nutrition, diet and fitness, and children's products.

Sloan left *Good Housekeeping* in November of 1986 when she was named executive editor of *McCall's*. Besides being responsible for everything from selecting articles to determining which celebrities are featured, she plans the direction of the magazine as it tries to reflect the changes American women are going through.

"The most difficult thing to do is to try to meet the needs of today's women," she says. "It's very hard to second-guess because we have 22 million readers every month, from 18- to 58-year-old women. It's very difficult to keep everybody happy."

"We are also trying to make the magazine much more contemporary," she says. "We are making the articles shorter across the board because people don't have as much time as they used to. We have been called the *USA Today* of women's magazines, which is good from our standpoint. We are also tending toward a much more visual presentation, because women are much more visually oriented than they were before."



## Tricking Fish How and why lures work

July 11-September 30

For exhibit and program  
information phone  
(612) 624-1852



James Ford Bell  
Museum of Natural History  
17th and University Aves. S.E.  
Minneapolis, Minnesota

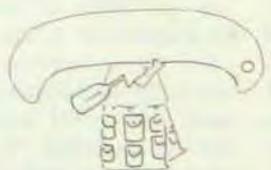
The Astronomy Department  
is seeking donations  
for the  
Karlis Kaufmanis Lecture



to fund an annual  
public lecture in science.

Send contributions to  
Kaufmanis Fund  
Astronomy Department  
116 Church St. SE  
Minneapolis MN 55455.

## Canoe Dig This?



Your Alumni Association membership automatically makes you a member of the Outdoor Store, located in the St. Paul campus Student Center. You get discounts of 20 to 30 percent on everything from canoes to skis. Even paddles.

Simply present your current membership card when making purchases and watch your membership pay for itself. The Outdoor Store is open 8 a.m.-5 p.m. Monday through Friday, and 9 a.m. to 4 p.m. Saturday.

### Take Advantage of Us.

The University of Minnesota Alumni Association  
For membership information, call 612/624-2323.

**H**e is quick to attribute it to luck. He says that it may already have been done

but never recorded or verified sufficiently. He gives a lot of credit to the better quality of equipment that was available to him. But no matter how he mitigates it, Kevin Einsweiler, '78, discovered a new particle at the age of 25.

Einsweiler, a Minneapolis native who graduated from the University with a B.S. in physics in 1978, was conducting research at Stanford in 1982 on the *theta* particle for his doctoral thesis when he noticed unusual results appearing in his data. The results seemed to indicate the presence of another particle, one that Einsweiler had never seen before.

"I was actually exasperated at first," says Einsweiler, "because I thought my computer program was defective or that something was going wrong. All it meant to me at first was having to perform the experiment all over again. I combed through every inch of my program, checked out all the apparatus, and did the experiment again. The same results came up. After doing it over and over again, I finally became comfortable with the fact that there was a new particle manifesting itself in my experiment."

The new particle, called *xi*, is a type of meson—a quark and an antiquark existing in a bound state. Although the particle has a very short life, its life is longer than would be expected for a particle of its weight, which accounts for its having been seen before but never properly documented.

After his discovery, Einsweiler became instantly known in scientific circles and presented dozens of talks on the particle at scientific conferences. His age and his unfinished doctoral work were somewhat of a disadvantage, says Einsweiler, "because it meant having to verify and reverify my research and prove myself."

Results proving the existence of the *xi* particle were reproducible using data from Einsweiler's particular experiment, but a French research team using a different

## KEVIN EINSWEILER

### Particle Physicist European Council for Nuclear Research

By Kimberly Yaman

method was unable to produce the same results. So today, Einsweiler, now 30, remains unexcited about his discovery. "It made for a wonderful thesis," he says, "and it was thrilling to be a part of, but it will probably never change the course of history."

After earning his Ph.D. in physics from Stanford in 1984, Einsweiler left the United States for a position in Europe. "Europe offers a lot of scientific freedom in particle physics in a situation apart from academe," says Einsweiler, "and I wanted to taste that. Once you get into an academic situation, you get so involved in your particular research that it's tough to take a couple of years off and try something else for a while."

Einsweiler accepted a two-year contract with the European Council for Nuclear Research (*Council Européen pour la Recherche Nucléaire*, or CERN) in 1984 and planned to come back to the United States after the completion of that contract. But he became caught up in a new project that involved research on the colliding of protons and antiprotons to produce energy.

Einsweiler is motivated, he says, "by the very nature of the beast. Particle physics research is competitive and cooperative all at once. We're always trying to improve our own techniques and apparatus, as well as expand on the work of others."

But he says that the face of research is changing, and that it is creating a less satisfying atmosphere for many young scientists. "Projects sometimes involve 300 or 400 scientists now," he says. "It's impossible to know everyone in your own

project, much less know how to network with scientists in other areas of expertise."

And as the size of the projects grows, so, too, does the "tree of responsibility." "The older scientists are at the top, and that creates some generational problems. It's very unsatisfying for them to watch the demise of the informal and fun atmosphere this type of research once thrived in, and it's very unsatisfying for the younger scientists to be relegated to the day-to-day work in the labs without the opportunity to work on the abstract aspects of the project."

Einsweiler, who is watching the growth of his "small" project involving 70 scientists, estimates that he'll remain with CERN until the completion of his research contract in two years or so, and then he will return to the United States to seek a faculty position—perhaps back at Stanford. He would like to return to Minnesota but says that the University and its physics research laboratories are too far from each other. "It would mean a lot of time commuting to the lab. It would be ideal if the campus and the research facilities were right next to each other."

It would be ideal, he says, because of the University's size. "At the University, you can always find people doing something interesting. You're never locked into one particular area of research, because there is so much interdepartmental activity that you can always find a niche somewhere."

It's clear that Einsweiler won't have to worry much about finding a place for himself. He has already made one.

## LIBBY LARSEN

**L**ibby Larsen's music seems to move through a concert hall like a summer breeze ruffling the surface of a lake.

Larsen, 36, a composer-in-residence at the Minnesota Orchestra, is known for her interpretations of natural motion, such as the play of wind on water or light on clouds. Perhaps the most famous example is her *Water Music* symphony, which has been performed by several orchestras around the country and recorded by the Minnesota Orchestra.

Choosing her greatest triumph is difficult for her, but Larsen says her collaboration with Jehan Sadat, writer and widow of the late Egyptian president, was "a once-in-a-lifetime event." The recent premiere of *Coming Forth into Day*, a choral symphony with narration by Sadat, drew a large and appreciative crowd to St. Paul's Ordway Music Theatre. The Plymouth Music Series, which sponsored the work, has recorded the symphony.

Another collaborator of Larsen's is flutist Eugenia Zukerman, who has recorded some of Larsen's flute pieces and is a close friend.

A sustained high note in Larsen's career is the Minnesota Composers Forum, which was born one hot summer day in 1973 when she and fellow composer Stephen Paulus were trying to find ways to get their music performed. The group they started has now grown to more than 350 members and sponsors recordings and performances. The forum's most recent recording, Larsen's *Four on the Floor* by the Minneapolis Artists Ensemble, appears on the Innova label.

In music, exploring is risky. Larsen took a big chance with *Pinions*, a violin concerto. The piece was one of her first ventures into the realm of natural motion music. "It worked out better than I'd expected," Larsen says.

Larsen first aimed at a career as a coloratura soprano, but soon switched to composition. "I was always vaguely unhappy with the songs I was given to sing and didn't particularly like to perform," she says. "It was a natural pull toward composition. Also, I felt I wasn't



### Composer-in-residence Minnesota Orchestra

By Deane Morrison

good enough to ask people to pay to hear me sing." She holds three degrees from the University: a B.A. in music, an M.A. in theory and composition, and a Ph.D. in composition.

Music professor and Pulitzer Prize-winning composer Dominick Argento had a strong influence on Larsen. "His method was to help young composers to understand their own style and develop the tools for getting at that style and criticizing it," she says.

A second major element of Larsen's style, besides natural motion, is American jazz of the thirties and forties. She's tackling the job of finding a place for this type of jazz

in serious chamber music. A synthesis of boogie-woogie and chamber music is difficult, but Larsen isn't one to shrink from a challenge.

Her success in that medium showed in a piece for the University's brass ensemble in its May premiere. She is also working on a song cycle titled *Me (Brenda Ueland)* for internationally renowned soprano Benita Valente, scheduled for a Twin Cities performance November 4, 1987, at the Ordway. The next day Larsen will be in Washington, D. C., for the premiere at the Women's Art Museum of *Black and Red*, a piece for soprano and clarinet inspired by the paintings of Georgia O'Keefe.

# DAVE WINFIELD

Look up David Mark Winfield, 35, in the New York Yankees information guide and three lines down you'll see another name: Joe DiMaggio.

Winfield, one of the great Yankee players of the 1980s, became the first Yankee to record more than 100 runs batted in (RBI) for five consecutive seasons since Joe

DiMaggio did it for seven straight years from 1936 to 1942.

Winfield, who grew up in St. Paul and graduated from St. Paul Central High School, has been in every all-star game since 1977 and has more than 300 career home runs (54th on the all-time list) and more than 2,100 career hits. In 1984, Winfield batted .340 and finished second to teammate Don Mattingly in the American League batting race in the last game of the season. In 1982, he hit a career high of 37 home runs. As an outfielder, he has won four American League Gold Glove awards with the Yankees and two National League Gold Glove awards with the San Diego Padres in the same position.

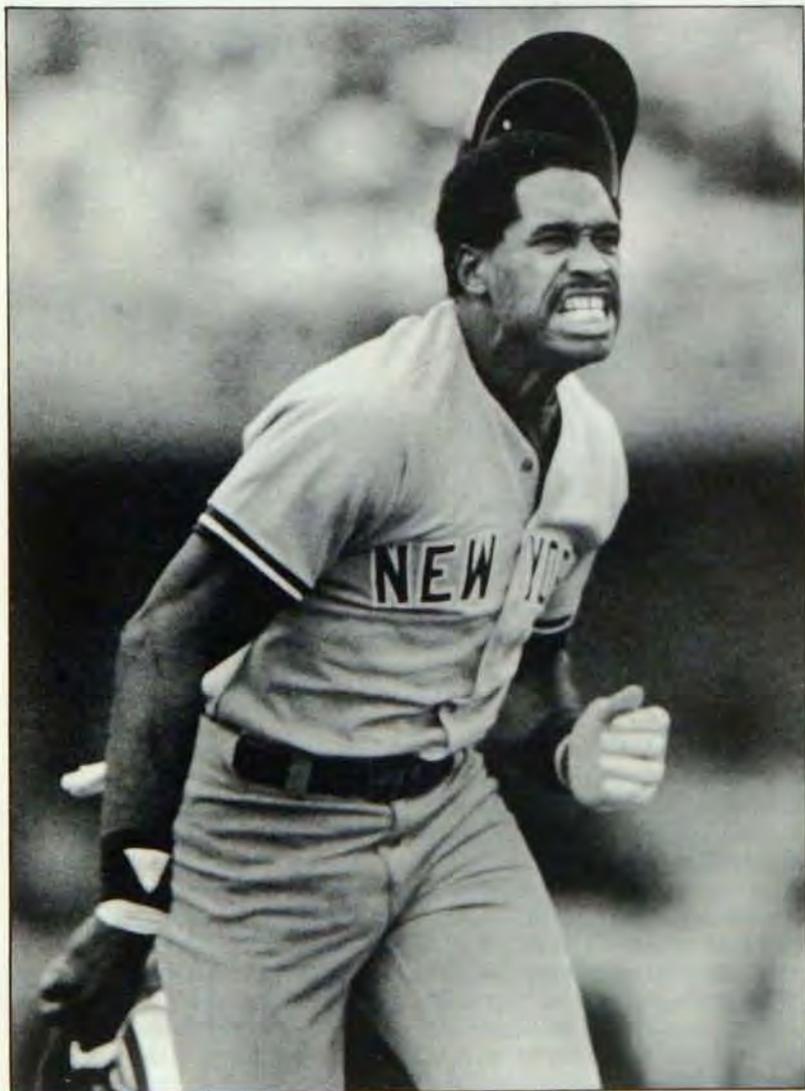
If this array of statistics seems impressive for a pro baseball player, consider also that Winfield was drafted in 1973 by the Minnesota Vikings (football) and by two professional basketball teams, the Atlanta Hawks and the Utah Stars.

At six feet, six inches, Winfield (1969-73) started for the Gopher basketball team his senior year and averaged 10.8 points per game. The same year, he pitched for the Gopher baseball team, accumulating a 13-1 record and batting over .400. He was also named first-team all-American and the College World Series Most Valuable Player.

"He may be the finest all-around athlete I have ever coached," former Gopher baseball coach Dick Seibert once said, "or for that matter, to ever compete for Minnesota."

Winfield tries to repay the faith others have had in him. "Much of my own good fortune was the result of others caring and encouraging me to believe in the ideals that I established for myself," says Winfield, who founded the David M. Winfield Foundation to provide young people with motivation, encouragement, and hope to achieve their personal goals. The foundation has sponsored health fairs, programs in drug awareness, leadership development, and computer education and since 1982 has awarded \$40,000 annually to New York City high school seniors.

Winfield was discovered at the University playing intramural basketball by coach Bill Musselman in 1972.



## Outfielder New York Yankees

By Chris Niskanen

**A**nnie Griffiths considers herself a late starter. She didn't learn how to use a camera until she was a 21-year-old junior at the University of Minnesota. Today, at age 34, she spends six to eight months a year traveling worldwide as an assignment photographer for *National Geographic* and *Smithsonian* magazines.

"I'd always thought I'd be a writer when I entered the journalism school," says Griffiths, "but in my junior year I got a camera and took a photo class to learn how to use it. After about two weeks I fell in love with it." Griffiths worked for the *Minnesota Daily* until graduating with a bachelor's degree in photojournalism from the School of Journalism and Mass Communication in 1976. Then she became staff photographer for the *Worthington Daily Globe* for a year and a half before sending a photography proposal to *National Geographic*. Although her original proposal for a photo story on a Hudson Bay canoe trip wasn't accepted, Griffiths ended up doing a piece for *Geographic* on the north woods in Minnesota, Wisconsin, and Michigan instead. Griffiths had never worked with color photography for a magazine and knew little about the adaptations for special lighting and temperature she now uses. She attributes her early success to the now-retired senior assistant photography editor of *Geographic*, Bob Gilka. "He wasn't out to hire people he thought were already hot," Griffiths says. "He believes in giving beginners a chance."

Gilka's faith paid off. Today, nine years later, Griffiths is preparing for one of her two or three yearly *Geographic* assignments—this time to capture life in the wine-producing Loire Valley of France.

Griffiths has worked in 48 states, as well as in Great Britain and South-West Africa, on a project with Minnesota photographer Jim Brandenburg. "The hardest part of my job is being gone for extra lengths of time and living in hotels," says Griffiths, whose assignments can take up to ten weeks. "Then there are diseases, airports, security



## ANNIE GRIFFITHS

### Photographer

By Ann Mueller

clearances, and language barriers to deal with."

Griffith's talent has earned her "a few" National Press Photographers Association awards for best picture of the year. She has also received offers to teach college students. In June she finished teaching three quarters of photojournalism at Ohio State University. "I try to work with students to help them develop a personal style—to be playful in approach and professional in technique," Griffiths says. "I encourage them to tackle the things they're afraid of."

Teaching others helps Griffiths expand on and experiment with her

own photography. "My work is journalistic in that it's storytelling. I try to tell a story, but to give a sense of scale and place," Griffiths says. "Photographers inherently have a sense of art and composition, and it's constantly growing. With every job I'm trying to learn more."

Griffiths can't imagine doing anything else besides working for *National Geographic* and the *Smithsonian* and the commercial photography she does between assignments. She would like to move into picture editing, but adds, "I like what I'm doing right now. My career has sort of progressed on its own. I don't worry about it."

**F**ew architects work their way to the top in a prestigious firm or make a name with their own practice before age 40. All the more unusual, then, are the achievements of two University architecture graduates, both in key design and management positions within prominent Minnesota firms.

When the Minneapolis firm of Hammel, Green and Abrahamson (HGA) clinched the national design competition for the Minnesota History Center last summer, it confirmed the eminent position not only of HGA but also of Loren Ahles, who earned a bachelor's degree in architecture in 1975.

At 35, Ahles has been a partner for four years and director of design at Minnesota's second-largest architectural firm. He led the HGA team whose proposal won the history center project and has been principal in charge or chief designer on six other major commissions, including the largest "adaptive reuse" project in Minnesota to date, the Honeywell Residential Division headquarters in Golden Valley.

Shortly after graduation from the University, Ahles headed for the Massachusetts Institute of Technology, where he earned a master's degree in architecture. Then in 1980 he won the prestigious Roche Traveling Scholarship, which sent him abroad to study architecture, with no commitments. He and his wife, Martha Yunker (also an architect), found the architecture of Italy most to their liking.

One of Ahles's biggest boosters has been founding partner Bruce Abrahamson, who as a design studio professor at the University's School of Architecture had Ahles as a student. "Loren has the ability to be a good manager and administrator as well as a provocative, able designer," says Abrahamson.

Many would consider the Minnesota History Center the perfect commission. The client is the Minnesota Historical Society, and the site is the capitol mall in St. Paul. The site virtually dictates a monumental approach, and the design will have

## LOREN AHLES

### Director of Design Hammel, Green and Abrahamson

*By Mathews Hollinshead*



STEVE INDRERUS



ERIC MILLER

# Because a worry-free retirement is at the top of your mind, we should be at the top of your list.

to prove itself in juxtaposition with two of Minnesota's best-known classical masterpieces, Cass Gilbert's state capitol building and the St. Paul Cathedral. An architect could do worse, at 35, than share the limelight with that kind of company.

Thirty-three-year-old Richard Varda, who earned his master's degree in architecture from the University in 1977, recently assumed the position of chief architect of the Minneapolis office of Ellerbe Associates, Minnesota's largest architectural firm. As such, he is responsible for a project covering the entire downtown Minneapolis block on which the State Theater stands and the renovation and redevelopment of the Milwaukee Depot on Washington Avenue.

Varda's new responsibilities come after only three years with Ellerbe. In that time his work has included large convention centers in California and Missouri, a hotel in Sacramento, and the University's own Supercomputer Center near the Minneapolis West Bank campus.

His firm has long been a leader in hospital and institutional work nationally. Now it is counting on him to help it apply its successful national record more to the local and regional scene. Varda's knack for solving developers' design assignments quickly without sacrificing aesthetics or economy is gaining the firm a reputation in the private real estate market to equal its long record of distinction in institutional work.

At 33, Varda is in a position to put his own mark on the downtown skyline of Minneapolis.

## RICHARD VARDA

Chief Architect  
Ellerbe Associates,  
Minneapolis Office



You want to retire to a lifestyle free from worry. That's why you should compare Friendship Village with other alternatives.

**We're a true life-care community.** The term "life-care" is thrown around sales offices all the time. But, Friendship Village of Bloomington is the only community in the Minneapolis area that offers the true life-care lifestyle, including on-site health care and financial security, all for entry fees from \$49,750.

**We're managed by the life-care leader.** Life Care Services Corporation of Des Moines, Iowa, is the nation's recognized leader in life-care retirement communities. Since 1961 LCS principals have been instrumental in developing and/or managing more than 50 sites all over the United States.

**We're ready to compare ourselves service by service.** No other retirement community in the area can offer you the complete worry-free package that Friendship Village of Bloomington can. To prove it, we're ready to compare ourselves with any site.

We know that a worry-free retirement is at the top of your mind. So, now's the time to put us at the top of your list. Call us today at (612)831-7500. Or mail us the coupon.

Please send me more information about life-care living at Friendship Village of Bloomington. I understand there is no obligation.

Name \_\_\_\_\_

Address \_\_\_\_\_

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

Telephone \_\_\_\_\_ Age \_\_\_\_\_

Single \_\_\_\_\_ Married \_\_\_\_\_ Widowed \_\_\_\_\_

8100 Highwood Drive, Bloomington, MN 55438

 Managed by Life Care Services Corporation

8029



FRIENDSHIP VILLAGE OF  
BLOOMINGTON

## Class of '87

BY BJØRN SLETTØ

Led by its last two presidents, Harvey Mackay and Penny Winton, the Minnesota Alumni Association (MAA) unearthed new programs, revitalized the renovated University of Minnesota Alumni Club, established a new and broader mission, and launched an ambitious legislative information network and advertising campaign.

These have been times of innovation, initiative, and boldness, says MAA National President-elect Fred Friswold. Now it's time to bring sharper focus to the MAA's objectives and to strengthen program execution.

"The MAA has changed a lot since I joined," says Friswold, president of Dain Bosworth. "It's changed from a traditional member club to a more needs-based organization. It has improved communication, provided personal connection with campus activities, and, probably most important, it has become a serious supporter of the institution.

"There is a tremendous momentum moving into the next year. Our focus will be to maintain this momentum. Our priorities will be to broaden the base of our membership, provide fund-raising support for the Minnesota Campaign, help improve the student experience and student recruitment, strengthen our legislative network and advocacy role, enhance member services, and improve the effectiveness of the MAA. We need to get better at what we are doing."

Friswold stresses that the quality of the MAA executive officers and continuing alumni and community support are good reasons for being optimistic. "It is rewarding to see the commitment from the alumni and community," says Friswold. "Maybe it's because the University plays such an important role in the Twin Cities and the entire state. There has always been a commitment to quality education in Minnesota. People believe in education, and they have been willing to pay the price for quality education."

The MAA officers giving Friswold such confidence in the future are Kenneth (Chip) Glaser, vice president; Sue Bennett, secretary; L. Steven Goldstein, treasurer; and Harvey Mackay, past president. Bennett is the newcomer on the team.

Bennett lives in Deephaven and works as director of community relations for the Pillsbury Company. Before joining Pillsbury, she did consulting work for the McKnight Foundation on human service



Leading the Minnesota Alumni Association in 1987-88 are, from right, Fred Friswold, national president; Kenneth (Chip) Glaser, vice president; Sue Bennett, secretary; and Harvey Mackay, past president. Not pictured is L. Steven Goldstein, treasurer.

funding proposals. In 1965 she earned a bachelor of arts degree from the University and in 1967 earned a master's degree in social work.

Bennett has extensive public policy experience that she hopes to use frequently during the next couple of years. "I am very committed to the University," she says. "I have great respect for President Keller. I feel that his Commitment to Focus is clearly on track and that the MAA has a direct stake in the University's being able to achieve its goals. I intend to work on these goals for the MAA.

"A most important role for the MAA," Bennett says, "is to help connect alumni to the University in order to strengthen the institution. My particular area of interest and the main reason I joined was to help expand the participation of alumni in public policy issues that affect the University."

Under Friswold's direction, the "student side of the University equation" will receive new attention. The MAA will aid in student recruitment and develop mentoring program models and may conduct a joint venture with the Minnesota Student Association. The MAA's public policy committee is researching ways to improve the student experience, and the MAA is producing a high-ability student recruitment film.

"The purpose of [the film] is to standardize the recruitment process," says Goldstein, who initiated the film, "and

provide the MAA with an exciting and informative film. John Ondov, an outstanding Hollywood producer of works such as *That Was Then . . . This Is Now*, is responsible for the production."

"The association has made tremendous gains the last few years," adds Glaser. "It has gone in many directions, and there has been tremendous enthusiasm. Fred Friswold will work to make the different units and individuals in the organization work better together next year."

"It's a very sad occasion," says Mackay. "It took me practically a whole year to find a secret parking place, and now I have to turn it over to my successor, Fred Friswold. Fortunately, the MAA hasn't found a parking place. We've been tearing around in high gear, thanks to the manic energy level of our volunteers. They've demonstrated their commitment to Commitment to Focus; they're developing a new recruitment film, doing legislative networking, and growing, growing, growing. We've experienced a quantum leap in membership.

"Curt Carlson has a saying that applies here: 'You don't say whoa in a horse race,' and Fred is lucky to be inheriting the most spirited, determined-to-win organization in Minnesota."

*Bjørn Sletto, from Al, Norway, is a student in the University's School of Journalism and Mass Communication. He is a former Minnesota intern.*



## A Personal Tribute

### Margaret Sughrue Carlson



Margaret Sughrue Carlson is executive director of the Minnesota Alumni Association.

At 4:30 p.m., June 30, Keith McFarland closed the door to his office on the St. Paul campus for the last time, ending seventeen years as dean of the College of Home Economics and an association with the University of Minnesota that he began nearly 50 years ago as a freshman in 1938.

In a system as large as the University of Minnesota, the retirement of a dean isn't unusual. But Keith McFarland is special to me, and my reasons for noting his retirement are selfish. He has been my mentor and friend and has changed my life.

My tribute to Keith begins in 1970 when the College of Home Economics was reorganized and a search begun for someone with vision, diplomacy, and a healthy respect for change to lead the college. Keith got the appointment, but not without controversy. For decades the home economics profession and schools had been led by women; Keith was one of the first males to hold the position of college dean in the United States. Keith was definitely on alien turf when I met him in 1970 when I was serving as president-elect of the professional home economics association. I watched as he cut administrative costs, breathed new life and resources into faculty positions, and motivated those around him to live up to his high expectations.

To handle the administrative overload, he created an assistant to the dean position, which he often filled with Ph.D. education administration students who needed internships to meet graduation requirements. During his tenure as dean, Keith was guide to administrative assistants, interns, and Ph.D. students—thirteen women in all—many of whom, like me, had returned to graduate school after a hiatus with motherhood.

Our ranks include Jane Lillestol, dean of the College of Home Economics, Syracuse University; Martha Russell, associate director of the University's Microelectronics Information Center; Mary Jo Czaplowski, executive director of the National Council on Family Relations; Marie Jones, methods and procedures analyst, Virginia State Department of Social Services; Patricia Campbell Warner, assistant professor of home economics, University of North Carolina at Greensboro; Bea Litherland Smith, dean of the College of

Home Economics, University of Missouri; Gertrude Strinden, coordinator of the University's Continuing Education and Summer Session and adviser to the Home Economics Program; Barbara Harms Nemecek, M.B.A. coordinator of the University's Carlson School of Management; Diane Jackman, director of student services and alumni programs at Oklahoma State University; Mary Abdul-Rahman, Keith's current assistant; and Bonnie Thibault, Keith's current administrative fellow.

Keith worked us hard in return for his personal tutelage, and after stints of approximately two years, after he had taught us to stand on our own under the most distressing circumstances, when he knew he would be proud to point to us as protégés, he pushed us on our way.

Long before Kenneth Blanchard and Spencer Johnson wrote *The One Minute Manager*, Keith embraced the daily one-minute praise and reprimand, a technique that all of us remember most. He didn't merely allow us to work beside him, he gave us daily doses of critique and set the atmosphere for self-analysis. After every major event or project he would call us in and ask, "What went wrong? What went well? How can we do this better?" He wanted us to neither soak up our disappointments like a sponge nor repel them like a shield, but to put them in perspective. The lesson is valuable to me even today. As executive director of the Minnesota Alumni Association with 34,000 members, crises are the fabric of my daily life—and perspective has been my life-saver.

Keith took each of his protégés where he found us and honed our professional skills. The learning process was often painful, the McFarland axioms rarely forgotten. "Speed without accuracy is no virtue." (Engraved invitations hastily produced with both Tucson and Phoenix misspelled.) "Never blame, never complain." (Don't waste time looking for scapegoats; the solution is more important than whose fault it was.) "You can do it." (When I told Keith I could handle any job responsibility—except publishing the alumni newsletter—he promptly turned the job over to me. My first drafts bled with red corrections from his pen. He even edited my memos to him.)

Although I left Keith's direct guidance in 1979, I have kept in touch with him through the years, seeking his advice as I made job changes. And he is still as interested in me and my career as ever, finding the time to offer me unsolicited advice.

I often wonder why Keith was so committed to sharing his administrative talents. Was he paying back his profession? Were his daily appraisals minutes well spent in return for quality of service delivered? Is he simply a one-in-a-million supervisor? The answer probably involves a combination of reasons.

I do know that Keith has affected my personal management style. He's made a mentor out of me, and I feel the need to champion the development of my subordinates; their success is as thrilling as my own personal achievements. All of my protégés are second-generation recipients of Keith's style and spirit, and my hope is that they will pass on the best of what they have learned to a third generation.

While this is a personal tribute to Keith, the timing is particularly appropriate since this special issue of *Minnesota* focuses on 40 outstanding alumni under the age of 40. University mentors and faculty have had a major impact on many of their careers. This issue and this tribute may serve as a message that the time spent teaching and mentoring students is probably the most enduring legacy alumni can give to future generations. It is a gift that Keith McFarland has given me, a gift for which I say thank you, Keith.

You may be asking how the University can let this exceptional man retire. It isn't really. He has a one-year assignment as acting dean of General College. How lucky they are.

# GOLDEN GOPHER FOOTBALL SINGLE GAME TICKET SALE



## MINNESOTA HATS OFF TO THEE

The Little Brown Jug. Paul Bunyan's Axe. Two consecutive bowl games. John Gutekunst has the Gophers right on track. Show your colors Minnesota and this fall, you'll see even more things to take your hat off to.

## TRUE WE SHALL EVER BE

True we remain throughout all seven exciting Dome games. In addition, to assuring seating for non-conference foes, Northern Iowa, Central Michigan and California, Gopher ticket holders can guarantee a Metrodome seat when the Gophers host Big Ten foes: Purdue, Indiana, Michigan and rival Wisconsin.

## FIRM AND STRONG UNITED ARE WE

Minnesota fans stand together. And those who don't delay in ordering tickets will also sit together... in the best Metrodome seats available. The sale ends June 30. So guarantee your firm, united future with John Gutekunst and the Golden Gophers, Minnesota's team.

## RAH FOR THE U OF M!

"Golden Gopher Football is something everyone in the State of Minnesota can be proud of. It exemplifies the color and excitement that is college football! It is the players, the Cheerleaders, the Danceline and the Marching Band. Minnesota Football is Maroon, Gold and You."

John Gutekunst

### MINNESOTA FOOTBALL 1987 7 Home Games

DATE	OPPONENT
September 12	NORTHERN IOWA
September 19	CALIFORNIA
September 26	CENTRAL MICHIGAN
October 3	PURDUE
October 10	Northwestern
October 17	INDIANA (Homecoming)
October 24	Ohio State
October 31	Illinois
November 7	MICHIGAN
November 14	WISCONSIN
November 21	Iowa

#### FOR INFORMATION CONTACT

Athletic Ticket Office  
(612) 624-8080



## 1987 GOPHER FOOTBALL SINGLE GAME TICKET ORDER

PLEASE PRINT

Name \_\_\_\_\_

Address \_\_\_\_\_

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

Day Phone \_\_\_\_\_

IF YOU DO NOT PAY BY CHECK - PLEASE INDICATE PAYMENT METHOD BELOW

VISA  MasterCard

Card No. \_\_\_\_\_

Exp. Date: Mo. \_\_\_\_\_ Yr. \_\_\_\_\_

Amount \$ \_\_\_\_\_

All Credit Card Orders MUST be signed

Signature \_\_\_\_\_

Day Phone \_\_\_\_\_

### 1987 OUT-OF-TOWN GAMES

Date	Opponent	Location	Number	Price	Amount
Oct. 10	Northwestern @	Evanston	TBA	\$14.00	
Oct. 24	Ohio State @	Columbus	TBA	\$17.00	
Oct. 31	Illinois @	Champaign	TBA	\$16.00	
Nov. 21	Iowa @	Iowa City (Limit 4)	TBA	\$16.00	

### 1987 HOME GAMES - H.H.H. METRODOME

Date	Opponent	Time	Number	Price
Sept. 12	NORTHERN IOWA	7:00 PM		\$15.00
Sept. 19	CALIFORNIA	7:00 PM		\$15.00
Sept. 26	CENTRAL MICHIGAN	7:00 PM		\$15.00
Oct. 3	PURDUE	TBA		\$15.00
Oct. 17	INDIANA (HOMECOMING)	TBA		\$15.00
Nov. 7	MICHIGAN	TBA		\$15.00
Nov. 14	WISCONSIN	TBA		\$15.00

#### SEATING PREFERENCE

Low  Medium  High

Service & Handling \$ 2.00

Williams Fund

\*Includes 6% Minn. Sales Tax and 10% Admission Tax. Make check payable to the University of Minnesota.

TOTAL REMITTANCE ENCLOSED

OFFICE USE ONLY	Amount	CA <input type="checkbox"/>	VI <input type="checkbox"/>	Date Rec.	By	Assign No.
		CK <input type="checkbox"/>	MC <input type="checkbox"/>			
			PD <input type="checkbox"/>			



**MINNESOTA  
ALUMNI  
ASSOCIATION**  
100 MORRILL HALL  
100 CHURCH ST. S.E.  
MINNEAPOLIS, MN 55455

NONPROFIT ORG.  
U.S. POSTAGE  
PAID  
LONG PRAIRIE, MN 56347  
PERMIT NO. 31

**“The  
university  
exists  
to find  
and to  
communicate  
the  
truth.”**

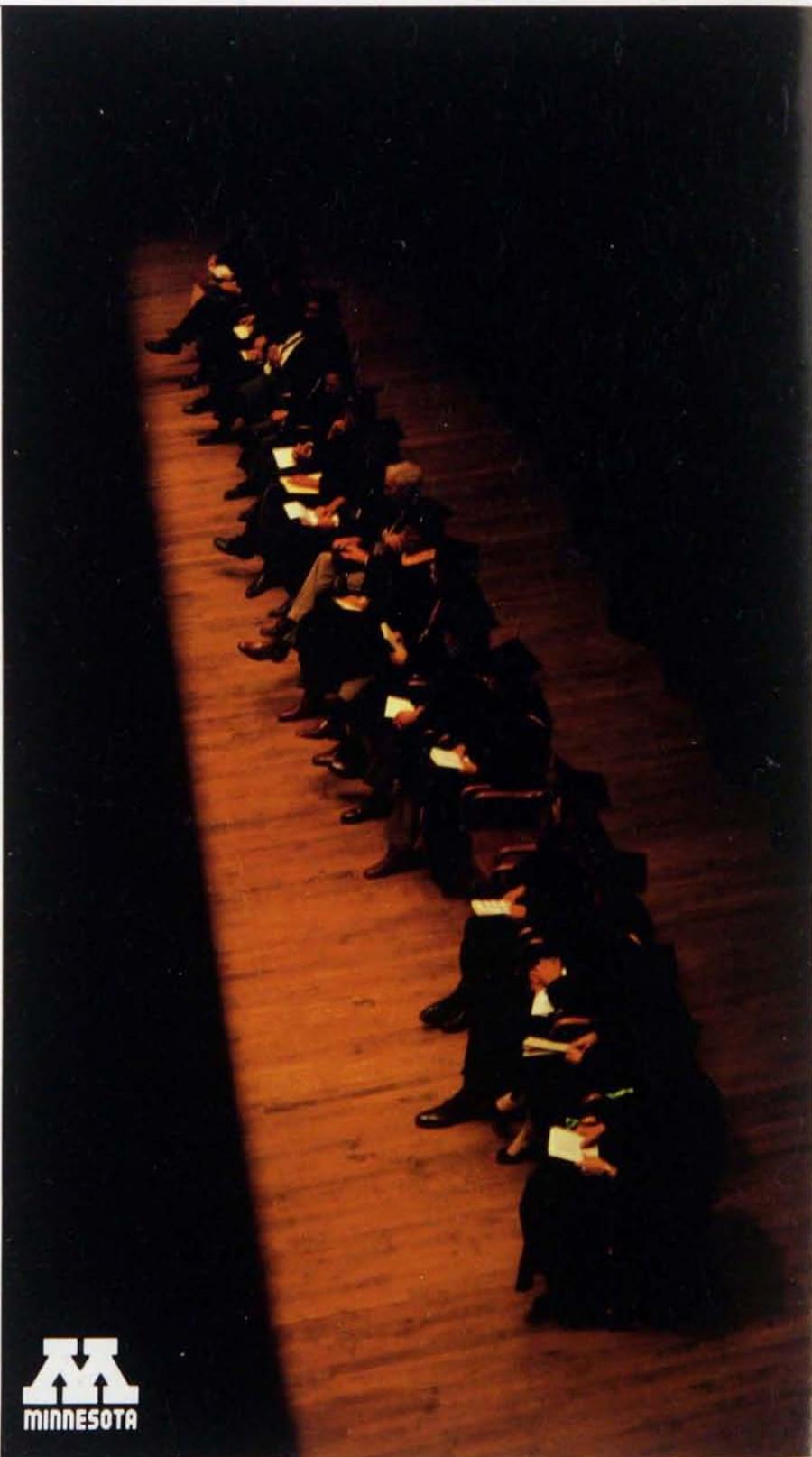
Robert Maynard Hutchins

The University's quest for knowledge is a long-standing tradition. Faculty and staff, students and alumni, have all worked to preserve and enhance this tradition—securing a place for excellence in years to come.

The Minnesota Alumni Association believes that the strength of your future and that of the University go hand-in-hand. Both require a commitment to a better future and the financial security on which to build it.

Group Term Life Insurance, one of many benefits offered through the Alumni Association, provides flexible, affordable security for you and your family. It's the kind of security you can take with you, job to job, as you grow.

Become a member of the Alumni Association and secure for yourself a piece of the University tradition.



PHOTOGRAPH BY BOB FRENCH