

**STORYTELLER LORRAINE JOHNSON-COLEMAN TO
HIGHLIGHT U OF M MARTIN LUTHER KING CONCERT JAN. 18**

Lorraine Johnson-Coleman, a noted African American folk culture expert and author who combines blues and storytelling in her performances, will headline the University of Minnesota's 17th annual Dr. Martin Luther King Jr. Memorial Concert at 3 p.m. Sunday, Jan. 18, at the Ted Mann Concert Hall on the west bank of the Twin Cities campus.

A native of North Carolina, Johnson-Coleman is known for her ability to combine research, personal experience and remembered conversations to weave a web of tales that are enlightening and entertaining. She has held readings and performances at many prominent national events, including the 1996 Olympics. She recently completed her first book, *Just Plain Folks*, a collection of original short stories and essays written in tribute to and preservation of African American rural living and folk culture. National Public Radio is developing a 13-segment series, to be aired in 1999, based on her book.

At the Martin Luther King concert, Johnson-Coleman will read some of her original poetry and stories, accompanied by Carolina bluesmen "Little Pink" Anderson and Freddy Vanderford. The concert will also feature performances by the University of Minnesota Reginald Buckner Memorial Ensemble and the University of Minnesota Gospel Choir.

The concert is free and no tickets are required. Parking is available in the 21st Avenue ramp, one block southwest of the concert hall.

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1/6/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M PRESIDENT MARK YUDOF TO JOIN GOVERNOR'S DELEGATION IN CHINA

At the invitation of Gov. Carlson, University of Minnesota President Mark Yudof and his wife, Judy, will travel to China to participate in portions of the Minnesota Business Development Mission and meet with Chinese higher education officials. Accompanying the Yudofs will be university chief of staff Tonya Moten Brown and David Pui, director of the university's China Center. The group, which will join the governor's delegation in Beijing, departs Friday, Jan. 9, and returns Wednesday, Jan. 14.

While in China, Yudof and representatives from the university will meet with Vice Premier Li Lanqing and Vice Minister Wei Yu of the Chinese State Education Commission to discuss academic opportunities, student exchange programs, faculty linkages and ways to strengthen ties between the university and Chinese higher education institutions.

Yudof and the university delegation are also scheduled to meet with Chinese President Jiang Zemin, State Council of the People's Republic of China Vice Premier Zhu Rongji and China Council for the Promotion of International Trade chair Yu Xiaosong.

The University of Minnesota enrolled its first student from China in 1914, and since has established a tradition of forming and maintaining beneficial educational partnerships with Chinese colleges and universities. Currently there are nearly 300 University of Minnesota faculty members actively collaborating with more than 150 Chinese institutions; nearly a dozen members of the Chinese National Academy of Sciences and the National Academy of Science and Engineering are University of Minnesota alumni.

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1/8/98

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U OF M RECEIVES \$2 MILLION FOR CHRISTIAN STUDIES CHAIR, MEN'S ATHLETICS

The University of Minnesota has received a gift of \$2 million from Leland (Lee) and Louise Sundet and their family to endow a new chair in New Testament and Christian Studies, and to improve the university's football facility.

"The University of Minnesota has always held a special place in our lives," said Lee Sundet, a 1951 graduate of the university's College of Agriculture. "This donation is in appreciation of the university and also in hopeful anticipation of what it can become."

Sundet and his wife, born in Spring Grove, Minn., both attended the university; three of their four children are graduates of the university. Lee Sundet was owner of Century Manufacturing and owner and founder of Goodall Manufacturing, both of which he sold in 1996. He is founder and current owner of Fountain Industries, Inc., and an active community volunteer.

The major portion of the gift will be used to endow the Sundet Family Chair in New Testament and Christian Studies. This chair complements the Berman Family Chair in Hebrew Bible and Jewish Studies, created in 1996, and will help build a premier religious studies program in the College of Liberal Arts (CLA).

"The Sundet family gift guarantees the enduring presence of New Testament and Christian Studies in the curriculum and in the intellectual life of the University of Minnesota," said University President Mark Yudof. "In making this gift, the Sundets have drawn on their own deep religious convictions to provide students with expanded opportunities to study religion in the academically demanding environment of a university."

The chair, the first of its kind at the university, will be based in the Department of Classical and Near Eastern Studies. It will be held by a yet-to-be-named scholar of international stature who will bring renown to Christian studies at the university and enrichment to the broader community. "The gift will enable us to build one of the nation's leading interdisciplinary programs in religious studies," said William Malandra, department chair.

(More)

John Roach, retired archbishop of St. Paul and Minneapolis, and Herbert Chilstrom, retired Lutheran presiding bishop, co-chaired the university's campaign to endow the chair. "The combined efforts of these two very distinguished religious leaders have succeeded in engendering broad, ecumenical support for the scholarly study of a Christian tradition that, along with the Judaic tradition, underlies much of Western thought," said CLA dean Steven Rosenstone. "Support of this magnitude is quite extraordinary."

The Sundet Family gift will also provide \$500,000 to men's athletics for a renovation project to improve the entrance to the Gibson-Nagurski Football Complex, including the creation of a Hall of Fame in the building's lobby. The Sundets have been longtime supporters of men's athletics and have made major gifts in support of university sports facilities such as Mariucci Arena.

Contributions to the endowment fund for New Testament and Christian Studies may be sent to the University of Minnesota Foundation, Suite 200, 1300 South Second Street, Minneapolis, MN 55454, or by calling (612) 624-3333 or (800) 775-2187.

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1/12/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Recorded sound bites with Schacker are available on the Newsline, (612) 625-6666.

ANTI-VIRAL DRUG REDUCES SHEDDING OF HERPES VIRUS IN HIV-INFECTED INDIVIDUALS WHEN TAKEN DAILY

Famciclovir (Famvir[®], SmithKline Beecham) significantly reduces asymptomatic shedding, the time in which the herpes virus is contagious but there are no signs or symptoms, in HIV-infected individuals when taken daily, according to a study in the January issue of the *Annals of Internal Medicine*, led by Dr. Timothy Schacker, assistant professor of medicine at the University of Minnesota.

Herpes simplex virus infection is one of the most common infections among HIV-infected patients. Herpes outbreaks are often more frequent and severe in HIV-infected individuals and other patients whose immune systems are weakened. "Because these people have an abnormal immune system they tend to develop herpes more often. It is important to have more drugs that will decrease the symptoms and hopefully prevent transmission to others," Schacker said. While 60 to 80 percent of the general population have been exposed to either genital or oral herpes, almost all HIV-infected individuals have been exposed.

In Schacker's trial, 48 patients (45 men and 3 women) with the herpes simplex virus, either genital (HSV-2), oral (HSV-1) or both, were initially administered 500 mg of famciclovir twice daily as a suppressive therapy or placebo for eight weeks. After a seven day washout period, patients were then switched to the other treatment, which continued for another eight weeks.

Each patient served as his or her own control so individual differences, such as the degree to which patients' immune systems had been affected by HIV, would have no effect. In addition to recording the number of symptomatic recurrence during the entire 16-week treatment period, patients collected daily swabs from the mouth and anogenital regions to measure the amount of HSV-1 and HSV-2 asymptomatic shedding.

Seventy-six percent of patients treated with famciclovir experienced a reduction in asymptomatic shedding (both oral and genital), 97 percent experienced a reduction in symptomatic shedding, and 87 percent experienced a reduction in total shedding. In addition, 83 percent of the patients never shed virus from the genital region at any time while they were receiving famciclovir.

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1/14/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: sound bites available on the university's NewsLine at 612-625-6666

A \$38,000 DOORSTOP FROM SPACE GOES ON DISPLAY AT THE U OF M

When a meteor hurling from space punched through earth's atmosphere and made a crash landing in Minnesota, University of Minnesota physics professor Robert Pepin says it contained clues about the early history of the solar system. The first and only public viewing of the intact meteorite will begin at noon January 14 at the university's Weisman Art Museum.

This 123-pound pearl of wisdom sat idle in Champlin, Minn., for 13 years – first as a doorstep, then pushed aside in a garage – before Al Stegora realized his “pet rock” was a scientific treasure. He had discovered it while digging a sewer line for his home in 1984. “I found it on top of the ground when I was raking the dirt back into the hole,” says Stegora. “I had a suspicion it was something rare.”

Prompted by a friend, Stegora contacted Pepin, who tested it at the university's Lunar and Meteorite Laboratory in 1997. The tests confirmed it was a type II iron meteorite. This type of iron-nickel meteorite is tougher and harder than almost any steel humans can make, says Pepin. A sample was sent to the West Coast for analysis. Scientists there confirmed that Stegora's meteorite is a bigger chunk of a three pound meteorite found by a farmer about four miles northeast of Anoka in 1961. “There are probably tons and tons of it scattered all over Anoka County,” says Pepin.

Pepin believes the meteorite was once part of the iron core of an asteroid orbiting between Mars and Jupiter. Collisions with other asteroids probably broke the iron core from its rocky shell, and it may have spent several hundred million years in orbit before finding earth. It likely entered the atmosphere at a speed of about 10 to 20 miles per second and landed relatively gently. “There is no way to tell how long ago it landed,” says Pepin. “Could be tens to hundreds of thousands, conceivably even millions of years ago.” Its chemical composition, he says, could tell scientists what the chemical composition of the early solar system was like when the earth and other planets formed.

The meteorite will be sliced into pieces and divided among a consortium including the University of Minnesota, the University of California at Los Angeles, the Harvard University Museum in Cambridge, the Smithsonian Institution in Washington, D.C., the Field Museum in Chicago and the Natural History Museum in London. Some material from each slice will be used for scientific study; the rest will be polished and placed on public display at each university and museum.

Stegora agreed to sell the meteorite for \$38,000 to the consortium if a piece of it stayed in Minnesota. That's far less than what he could have made on the open market. “It wasn't the money – part of the meteorite is going to stay in Minnesota and that's what I wanted,” says Stegora..

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1/14/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M PRESIDENT YUDOF TO VISIT ALBERT LEA, AUSTIN JAN. 28

University of Minnesota President Mark Yudof will meet with community leaders, alumni and media representatives in Albert Lea and Austin Wednesday, Jan. 28.

Yudof became the 14th president of the university July 1, 1997, succeeding Nils Hasselmo. He plans to visit at least 30 Minnesota cities in the first year of his presidency in an effort to learn more about the state. On this trip, he also intends to promote the university's historic preservation and capital spending plan. The plan calls for investing \$733 million over four years to preserve historic areas and modernize classroom and lab space on all four campuses. It asks the state to fund about half the investment--\$232 million in 1998 and \$204 million in 2000--with the rest coming from internal university resources, fund raising and additional borrowing. Regents approved the 1998 portion of the plan in December 1997.

Gov. Arne Carlson has also endorsed the plan, highlights of which include:

- **Twin Cities campus:** Designate Northrop mall as a university historic district; invest to preserve the north end of the mall (around Northrop Auditorium) and rejuvenate the south end (around Coffman Union) with housing, parking and student space; update Walter Library with the latest in digital technology; and improve facilities for the Institute of Technology, Medical School and College of Biological Sciences.
- **Duluth campus:** Build a new library.
- **Morris campus:** Build new science and math center, make health and safety improvements upgrade heating plant.
- **Crookston campus:** Modernize older buildings to meet program needs.

Yudof's Jan. 28 itinerary:**Albert Lea**

- 7:45 to 8:30 a.m.--Meet Chamber of Commerce officers, area legislators, agricultural leaders and media representatives at B & B Cafe.
- 8:40 to 9:20 a.m.--Meet students and staff at Albert Lea High School.
- 11 to 11:45 a.m.--Tour Lou-rich Inc. in Albert Lea.
- Noon to 1:15 p.m.--Speak at Chamber of Commerce luncheon at Albert Lea Inn.

Austin

- 2:15 to 3:15 p.m.--Meet with Austin High School staff about use of new technology in classroom.
- 3:45 to 4:15 p.m.--Visit Hormel Institute research lab.
- 4:30 to 6 p.m.--Attend reception for university alumni and local leaders at Hormel Institute.

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U OF M SENIOR FINANCE VP JACKSON TO TAKE POST IN ALABAMA

JoAnne Jackson, the University of Minnesota's senior vice president for finance and operations, is resigning effective Feb. 28 to become vice chancellor for financial affairs with the University of Alabama System.

Jackson has been the university's top financial officer since Jan. 1, 1996. Before that, she spent two years as chief financial officer of the university's Academic Health Center, where she led negotiations to transfer University Hospital to Fairview Healthcare System and was instrumental in the re-engineering of other health-related units within the university. As senior vice president, she was responsible for many of the university's nonacademic units, including audits; facilities management; health, safety and transportation; and master planning. Last fall, she was a leader in launching "Take Pride in U," a systemwide campus beautification effort, and made headlines by climbing the St. Paul campus water tower to raise private money for the campaign.

"It has been a very exciting four years here at the university," Jackson said. "It was my first position in an academic setting, and I appreciate the support I've gotten from faculty, staff and colleagues. I leave this institution with many happy memories."

"I appreciate Senior Vice President Jackson's many years of service to this university," said university President Mark Yudof. "I wish her well in her new position at Alabama."

President Yudof said he plans to appoint an interim vice president within the next few weeks.

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1/22/98

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U OF M TO DONATE PROCEEDS FROM PRINCESS DIANA BEANIE BABIES

The University of Minnesota Bookstore will donate proceeds from the sale of limited edition Princess Diana commemorative Beanie Babies to the Ronald McDonald House of the Twin Cities. Princess™ is a small bear with a white rose embroidered over its heart.

The bookstore is accepting only sealed bids for the 12 Princess™ Beanie Babies, and will accept bids through 1 p.m. Thursday, Jan. 29. Bids will be opened at 2 p.m. Jan. 29 at the Williamson Hall bookstore. Until the bids are opened, the Beanie Babies will be kept at an undisclosed, secure location.

"We picked the Ronald McDonald House as the recipient of the proceeds because of Diana's interest in children, and particularly sick children," said Kari Weidling, university bookstore marketing manager.

"The Ronald McDonald House of the Twin Cities is very grateful to be chosen as the beneficiary of this fund-raising event," said Meg Katzman, executive director, Ronald McDonald House. "The proceeds will benefit the 33 families who call the Ronald McDonald House their home away from home while their children receive treatment for cancer or other life-threatening illnesses."

The public, in addition to university students, faculty and staff, is encouraged to submit bids. Bidding forms and envelopes, available from the East Bank Bookstore, can be sent to the University of Minnesota Bookstores, Attn: Princess Bid, 231 Pillsbury Drive S.E., 160 Williamson Hall, Minneapolis MN 55455.

A picture of the Princess™ Beanie Baby can be seen on the Web at www.bookstore.umn.edu. Click on "specials" for more information.

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1/23/98

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CAMPBELL AVAILABLE FOR INTERVIEWS AFTER CLONING LECTURE

Dr. Keith Campbell, one of a team of scientists who cloned Dolly the sheep, will be available to reporters from 1:15 to 1:45 p.m. Wednesday, Jan. 28, following his lecture in Northrop Auditorium. He will meet with reporters behind the curtain on the main stage. His lecture, "Cloning Dolly: Implications for Biotechnology and Human Medicine," is scheduled for noon to 1 p.m.

News crews should arrive at Northrop's east entrance. A mult box will be available for both the lecture and the media availability.

The lecture is free and open to the public.

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1/26/98

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CLA dean Steven Rosenstone will be available to comment on the report from 9:30 a.m.-1 p.m., and after 4 p.m., on Monday, Jan. 26. Call (612) 624-2535 for interviews.

U OF M COLLEGE OF LIBERAL ARTS PROPOSES NEW MEDIA INITIATIVE

The final report on the university's new media initiative released today (1/26/98) proposes the creation of a new School of Journalism and Communication, with an Institute for New Media Studies at its center. In releasing the report, College of Liberal Arts (CLA) dean Steven Rosenstone expressed hope that the institute will become an internationally recognized center for innovation, experimentation and creativity in new media, and a focal point for building partnerships with the communications industry.

The report follows more than a month of consultation with students, faculty, alumni and communications industry professionals regarding recommendations presented last December by the Communications Studies Task Force. The task force recommended a School of Journalism and Communication comprising four components: professional journalism, strategic communication, communication research and an Institute for New Media Studies. The task force also recommended a merger of two of CLA's most popular majors—journalism and speech communication—a merger which Rosenstone says will not happen.

"It became clear to me that the students and faculties of the two programs would be better served if the departments retained their own identities," said Rosenstone. "Concerns about the integrity of the separate disciplines were voiced repeatedly and insistently in my conversations with faculty. The structure I am proposing preserves the identities of the programs and also serves the needs of our students in new and powerful ways."

In connection with the new media initiative, the university is asking the state for \$18.9 million in capital funding to refurbish Murphy and Ford halls with multimedia, interactive and digital classrooms and labs, and to attract and support faculty.

"The Twin Cities are the sixth most important media center in the country, which means we have everything at our doorstep," said Rosenstone. "We must seize this moment in history and build a program in the intellectual and technological vanguard of journalism and communication. The only way to make it happen is with a three-way partnership among the university, the community and the legislature."

Complete copies of the report are available on the Web at www.umn.edu/urelate/comstudies or by calling (612) 625-9824 or (612) 624-2535.

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PETITION FOR HUMAN RIGHTS TREATY SUPPORTED BY U OF M INSTITUTE OF CHILD DEVELOPMENT FACULTY

Faculty at the University of Minnesota's Institute of Child Development (ICD) have joined together to support the U.N. Convention on the Rights of the Child, a human rights treaty adopted by all member states of the European Union in 1989. Faculty members recently signed a petition calling for the U.S. Senate to debate and vote on U.S. ratification of the treaty. To date, the United States and Somalia are the only two U.N. countries that have not ratified the convention.

"The ICD faculty is unanimous in recognizing the importance of the 1989 convention for the welfare of children worldwide," said Peter Verbeek, an ICD research fellow. "The ICD community emphasizes that debate on US ratification will help focus attention on the need for making children a national priority in our country."

According to Verbeek, the convention focuses on the best interests of children, calling for "freedom from violence, abuse, hazardous employment, exploitation, abduction or sale; equal treatment regardless of gender, race or cultural background; adequate nutrition; free compulsory primary education; adequate health care; the right to express opinions and freedom of thought in matters affecting them; and safe exposure/access to leisure, play, culture and art." U.S. ratification of the convention would help set guidelines for government, private organizations and individuals to establish policies and programs to improve the situation of U.S. children.

ICD staff and students are also getting involved by signing the petition. Verbeek plans to inform child development/psychology departments at other universities about the ICD petition and ask them to organize similar efforts. A multidisciplinary colloquium on the convention is being planned for April and will incorporate university programs concerned with children's rights and provide children with an opportunity to voice their ideas about the convention.

For a copy of the Convention on the Rights of the Child, call the University News Service at (612) 624-5551.

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1/27/98

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Media note: A mult box will be provided at both the lecture and the media availability.

CLONING LECTURE AT U RESCHEDULED FOR THURSDAY, JAN. 29

The lecture by Dr. Keith Campbell, one of the team of scientists from Scotland who cloned the sheep Dolly, has been rescheduled for 12:15 p.m. Thursday, Jan. 29, in Room 2-470 Phillips-Wangenstein Building, 516 Delaware St. S.E., Minneapolis. Campbell will speak on "Cloning Dolly: Implications for Biotechnology and Human Medicine."

Campbell will be available to talk to reporters at 1:15 p.m. in the Hegman Conference Room, Room 106 (street level) of the Masonic Cancer Center, 424 Harvard St. S.E.

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1/28/98

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U OF M PRESIDENT YUDOF TO VISIT ST. CLOUD, BRAINERD FEB. 9

University of Minnesota President Mark Yudof will meet with community leaders, alumni and media representatives in St. Cloud and Brainerd Monday, Feb. 9.

Yudof became the 14th president of the university July 1, 1997, succeeding Nils Hasselmo. He has visited more than 35 cities in the first seven months of his presidency in an effort to learn more about the state. On this trip, he also intends to promote the university's historic preservation and capital spending plan. The plan calls for investing \$733 million over four years to preserve historic areas and modernize classroom and lab space on all four campuses. It asks the state to fund about half the investment--\$249 million in 1998 and \$204 million in 2000--with the rest coming from internal university resources, fund raising and additional borrowing. Regents approved the 1998 portion of the plan in December 1997.

Gov. Arne Carlson has also endorsed the plan, highlights of which include:

- **Twin Cities campus:** Designate Northrop mall as a university historic district; invest to preserve the north end of the mall (around Northrop Auditorium) and rejuvenate the south end (around Coffman Union) with housing, parking and student space; update Walter Library with the latest in digital technology; and improve facilities for the Institute of Technology, Medical School and College of Biological Sciences.
- **Duluth campus:** Build a new library.
- **Morris campus:** Build new science and math center, make health and safety improvements, upgrade heating plant.
- **Crookston campus:** Modernize older buildings to meet program needs.

Highlights of Yudof's Feb. 9 itinerary:**St. Cloud**

- 7:45 to 8:45 a.m.--Meet local leaders and University of Minnesota Extension Service staff at Radisson Suites Hotel.
- 10 to 10:45 a.m.--Meet with St. Cloud State University President Bruce Grube at SCSU.

Brainerd

- Noon to 1 p.m.--Give keynote speech at Kiwanis luncheon at Holiday Inn.
- 1:15 to 1:35 p.m.--Participate in ceremonial hanging of new Extension Service sign at the new facility at the Crow Wing County Courthouse.
- 3:30 to 4:30 p.m.--Visit Central Lakes Community College and meet President Sally Ihne, students, faculty and staff.

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2/2/98

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U OF M PROFESSOR TO HEAD MINNEAPOLIS CIVIL RIGHTS COMMISSION

Lisa Albrecht, an associate professor of writing at the University of Minnesota's General College, was elected chair of the Minneapolis Commission on Civil Rights at its annual meeting Monday, Jan. 26.

Albrecht, an eight-year member of the commission, is the second woman to serve as chair. She is a leader at the university for faculty and graduate training in cultural diversity and a recipient of the Morse-Minnesota Alumni Award. She co-edited *Bridges of Power: Women's Multicultural Alliances* and was the managing editor of *Evergreen Chronicles: A Journal of Gay, Lesbian, Bisexual and Transgender Cultures*.

Albrecht has presented workshops locally and internationally on how white women can involve themselves in anti-racist work. She has traveled to the Middle East to work with Israeli Jews and Palestinians. In the United States, she joins other Jewish and Arab Americans who advocate for a two-state solution to the Israeli-Palestinian conflict.

Established in 1967, the commission is a 21-member volunteer body appointed by the mayor and city council. It has the authority to judge cases investigated by the department of civil rights and to promote civil rights through research, public meeting and formal investigations. As chair, Albrecht hopes the commission will "connect more with communities of color at the grass roots level in the Twin Cities metro area and serve other constituents who have historically faced discrimination."

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not the usual suspects

Sources on health effects of tobacco use

Stephen Hecht, Ph.D.

Professor of Cancer Prevention
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Hecht is known internationally for his research linking the chemicals in tobacco smoke to cancer in smokers and nonsmokers. Most recently, he has found evidence of carcinogens in nonsmokers who work in smoke-filled rooms, supporting the notion that second-hand smoke can cause cancer. Hecht is also investigating the safety and effectiveness of PEITC, a chemical found in watercress that he believes could detoxify the carcinogens in smokers' bodies. He is also trying to determine how long tobacco carcinogens remain in the body after a smoker quits.

Dorothy Hatsukami, M.D.

Professor of Psychiatry
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Hatsukami is recognized internationally for her work with nicotine addiction. She has most recently focused her attention on tobacco use among teen-agers. She says approximately 35 percent of the nation's adolescents surveyed in 1995 use tobacco, which represents an increase of 27 percent since 1991. Hatsukami is also one of several experts who are developing a program to help major league baseball players stop chewing tobacco.

Harry Lando, Ph.D.

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Lando is best known for his work in helping hard-core smokers quit. His subjects are people who have smoked a pack a day for 20 years. He has found that, although there are some effective treatments, there is no magic cure and success rates may have gone down in the past few years. Most recently, Lando has focused on helping hospitalized smokers quit, and he will soon begin an intervention program for teen-age smokers that enlists the help of the teens' dentists.

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2/4/98

Sources and more also on WWW at <http://www.umn.edu/u relate/news.html>

MINNESOTA NEWSPAPER ASSOCIATION ENDORSES U OF M'S LEGISLATIVE INITIATIVE

Members of the Minnesota Newspaper Association (MNA) attending the group's annual meeting unanimously endorsed University of Minnesota President Mark Yudof's legislative initiative Saturday (Jan. 31). The MNA cited Yudof's plan to bring "desperately needed resources, teaching positions, new technology and building improvements to the School of Journalism and Mass Communication" and his plan to create an Institute of New Media as key factors in its decision. The endorsement came one day after Yudof's keynote address to the MNA convention.

MNA executive director Linda Falkman said the organization's endorsement of a University of Minnesota president's legislative request was the first such endorsement in her memory. "Perhaps this is the time to make a stand, because journalism education is important to the state," she said.

In its endorsement, MNA encouraged member newspapers to cover Yudof's initiative in news columns and editorial pages. The association also urged support for lobbying efforts on behalf of the initiative, both through the MNA Legislative Committee and the actions of individual publishers.

The president's legislative initiative is two-pronged: a \$249 million request for bonding to finance preservation of historic campus areas and to modernize classroom and lab space, and \$41.5 million in operating funds to beef up faculty and staff compensation and recruit new faculty for five academic initiatives: molecular and cellular biology, agricultural research and outreach, digital technology, the "new media" and design.

MNA is a trade association of all newspapers in Minnesota, comprising approximately 375 members.

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2/5/98dm

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U RESEARCH SERVICES ORGANIZATION WILL LINK RESEARCH AND INDUSTRY

The University of Minnesota's Research Services Organization (RSO), which helps university researchers secure and administer major grants, is now open to private industry. The group, led by Dr. Mark Paller, will serve as a single point of entry to the array of health and medical investigators, equipment, technologies and research subjects at the university. The group will also be a resource for Academic Health Center researchers who seek sponsors in the private sector.

The RSO is designed to ease the administrative burden on researchers conducting clinical trials by identifying grant opportunities, negotiating contracts, preparing budgets, recruiting patients, coordinating the trial and submitting the final reports.

Named director in November, Paller has been a member of the university's Medical School faculty since 1982. He has wide experience in biomedical research and recently earned a master's degree in administrative medicine from the University of Wisconsin-Madison.

In addition to performing research sponsored by the National Institutes of Health, Paller has worked extensively with the private sector on basic and clinical research projects. He has designed and participated in industry-sponsored clinical trials and has served as a consultant to pharmaceutical and biotechnology companies on research program development and the design of preclinical and clinical trials. Paller is widely recognized for his basic research on the cell biology of acute renal failure.

Paller also directs the Physician Management Pathway of the Internal Medicine Residency Program, which introduces physicians-in-training to management skills and concepts.

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2/5/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: The Yudofs will be available for interviews at the Sports Pavilion Sunday, Feb. 8.

GUEST COACHES LEAD U OF M WOMEN'S BASKETBALL TEAM AGAINST ILLINOIS

When the University of Minnesota women's basketball team hits the floor to battle Illinois this Sunday (Feb. 8), two new coaches will be on the sidelines for the Guest Coach Program. University president Mark Yudof, and his wife, Judy, will be guest coaches for the game, which begins at 2 p.m. at the Sports Pavilion. Duties for "coaches" Yudof include giving a pregame motivational speech, sitting with coaches and players on the bench during the game and escorting the team into the locker room for half time.

The Guest Coach Program allows those selected to see the game from the unique perspective of a coach and aims to get people involved with the university's women's sports program. "Being a guest coach allows a person to see firsthand the hard work, dedication and loyalty these players have for the University of Minnesota," said head basketball coach Cheryl Littlejohn. "We are honored the Yudofs will be there."

The Fighting Illini are favored to beat the Gophers, but that doesn't bother President Yudof. "Our Gophers have the fire and the ability to beat Illinois," he said. "If you want to see that happen, be in the stands on Sunday and support the team with your presence."

The Yudofs will begin their new guest roles at 12:30 p.m. on Sunday with a private, pregame reception at the Sports Pavilion.

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2/6/98

Media note: The final round of the U's Battle of the Colleges is today, (Feb 6) at 11:45 a.m. in Coffman Union commuter lounge.

THE U'S BATTLE OF THE COLLEGES TOURNAMENT WILL ANNOUNCE WINNER

The final round of the University of Minnesota's annual intercollegiate "Battle of the Colleges" ends today, Feb 6. Three colleges out of an initial field of 10 will be competing in the final round beginning at 11:45 a.m. in the Coffman Union commuter lounge.

The contest, which resembles "Trivial Pursuit," tests student's knowledge of chemistry, physics, biology, history and art. The competition also includes some pop culture questions with humorous answers. The grand prize is a \$1,000 donation to the scholarship fund of the winning college.

The final competing colleges include the Medical School, Agricultural, Food, and Environmental Sciences and Veterinary Medicine.

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2/6/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

MINNESOTA AMONG STATES UNABLE TO REPORT TEST RESULTS FOR STUDENTS WITH DISABILITIES, U OF M RESEARCH SHOWS

Only 15 states are able to provide data on the number of students with disabilities who participate in statewide assessment testing, even though they will be required to produce such information by July 1, according to a report by the University of Minnesota's National Center on Educational Outcomes (NCEO). The report, *1997 State Special Education Outcomes: A Report on State Activities During Educational Reform*, asked states to disclose participation of students with disabilities in their statewide assessment programs. Although 31 states report collecting the data, fewer than half were able to provide it.

The 1997 reauthorization of the Individuals with Disabilities Education Act (IDEA) requires states, starting July 1, 1998, to include students with disabilities in statewide assessments and to report on their academic performance in the same way and with the same regularity as they do for students without disabilities. Some states have been excluding students with disabilities from their assessments; the authors of the report attribute it to a fear that lower test scores from students with disabilities would lower the average for the school or district.

"The data indicate that these new federal reporting requirements have caught many states unaware," said Ron Erickson, NCEO research associate. "Nineteen of the 50 states could not provide any information on the numbers of students with disabilities being tested, and of those states that said they did have the numbers, fewer than half were able to provide them."

Minnesota is one of the states unable to report test results. "Minnesota doesn't look good in the report, but it's more a case of bad timing than bad policy," said Erickson. "Research efforts within the College of Education and Human Development are currently analyzing the numbers of students with disabilities in the new Basic Standards Tests, and that data will be available in plenty of time for the Department of Children, Families and Learning to meet the new federal regulations."

NCEO also asked 10 U.S. territories and districts (e.g., District of Columbia, Puerto Rico, Guam) to provide participation rates of students with disabilities in their assessment programs. Of the 10, only Palau reported collecting this data. Four did not respond to the survey.

States will also be required to develop alternate assessments for students with very severe disabilities by July 1, 2000. Currently, only Kentucky and Maryland are implementing these assessments.

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2/6/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Embargoed by *Nature* until 1 p.m. CST Wed., Feb. 11. Zarkower is available at (612) 625-9450.

IT'S A GUY THING: ANCIENT GENE FOR MALENESS FOUND IN HUMANS, FRUIT FLIES AND NEMATODES, U OF MINNESOTA STUDY FINDS

Biologists have long thought that sex-determining genes went their separate ways as the animal kingdom evolved. Plenty of genes are known to regulate the sex of offspring in various animals, but human genes looked nothing like sex-determining genes in fruit flies or nematode worms. Until now. A study led by University of Minnesota molecular biologist David Zarkower has found that a nematode maleness gene is very similar to maleness genes in fruit flies and maybe humans. These are the first examples of sex-determining genes whose structure has been conserved through eons of evolution, in this case the approximately 500 million years since ancestors of the three animal species split from each other. The work will be published in the Feb. 12 issue of *Nature*.

The human gene in question is called DMT1 and is found on chromosome 9. Its counterpart in nematodes, discovered years ago by Zarkower's collaborator Jonathan Hodgkin, is called mab-3 (male abnormal), and its counterpart in fruit flies is called doublesex. Zarkower said these genes all seem to get turned on by a cascade of gene activity that occurs during the animal's development.

What the genes do varies from species to species, but is related to sex determination in each case.

"In male nematodes, mab-3 is necessary for the growth of sense organs in the tail that are used to find mating partners," said Zarkower. "The mab-3 gene is also necessary to keep the males from producing yolk. In male fruit flies, the doublesex gene is required to keep males from producing yolk, as well as for sex-specific bristles and genitalia." As for DMT1, it hasn't been proven to be a sex-determining gene, but it's found at a location that, when defective, causes male-to-female sex reversal, he said.

Zarkower said his research has a lighter side in that it indicates how far science has come since the days of Aristotle.

"Aristotle proposed a model of sex determination more than 2,000 years ago, suggesting that the more heated the passion of intercourse, the more likely the conception of male heirs," Zarkower said.

"He suggested that elderly men might try for male heirs in the summer. It was not until early in this century that human sex chromosomes were discovered and Aristotle could be proven wrong."

The *mab-3*, *DMT1* and *doublesex* genes exist as several stretches of DNA, only one of which shows similarity between the three animals. That stretch encodes a protein that attaches to DNA elsewhere, controlling other genes. If *mab-3* is inactivated in nematodes, it can be replaced by the male fruit fly's *doublesex* gene, allowing the worm to grow normal male sense organs. Not too surprising, said Zarkower, since the fruit fly gene also controls the development of bristly male sense organs. The human *DMT1* gene cannot substitute for the nematode gene, however. But then, why should it, since human males have no structures that qualify as "sex bristles"?

What *DMT1* does is the subject of Zarkower's current investigations. Humans with one X and one Y chromosome are supposed to be male, but an XY embryo that's missing one of the normal two copies of *DMT1* (one is on each chromosome 9) will grow up female. And sterile. But that doesn't prove the sex reversal is due to loss of a functional *DMT1* gene; it could be due to a gene located very close to *DMT1*. Therefore, Zarkower is testing a large group of XY females, searching for a tiny mutation in the *DMT1* gene itself.

"Finding such a mutation would really nail *DMT1* as a sex-determining gene," he said.

Zarkower can supply slides of nematodes and of human chromosomes that have been labelled with red dye at the location of the *DMT1* gene, near the tip of the chromosome.

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2/9/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M REGENTS TO GET UPDATE ON ADMINISTRATIVE CUTS, ACT ON NEW DANCE CENTER AND DISCUSS EMPLOYEE HEALTH PLAN THURSDAY, FEB. 12

An update on administrative budget reductions, action on plans for a new dance center and a discussion of the rising cost of employee health care coverage highlight the February agenda of the University of Minnesota board of regents Thursday and Friday, Feb. 12 and 13.

Last November, President Yudof announced a plan to cut central administrative costs by eight percent. At the time, he asked his vice presidents to submit work plans on how each unit will achieve these cuts by the end of February. The goal of the effort is to increase efficiency and reduce university bureaucracy.

The \$4.3 million dance center is proposed for the site of an abandoned church on the west bank of the Minneapolis campus. Funding for the project--slightly more than half from the state, the rest from private donations--has already been approved. The board's facilities committee will be asked to approve the specific schematic construction plans Thursday morning.

The health coverage discussion springs from regents' concerns about changes in the health care industry in recent years and their impact on the university community. A record number of employees requested changes in their coverage this year in the face of premium increases of more than 75 percent. Two task forces-- one commissioned by the state, the other internal to the university--are examining alternatives to current health care options.

Here is the schedule of committee meetings, with a sample of agenda items.

Thursday, Feb. 12

- 7:45 a.m. Audit, 238 Morrill. Faculty, staff and student affairs. Health care benefits discussion.
- 8 a.m. Facilities, 300 Morrill. Action on plans for dance center, football complex improvements
- 10 a.m. Faculty, staff and student affairs, 238 Morrill. Discussion of 1998-99 budget parameters.
- 10 a.m. Educational planning and policy, 300 Morrill. Report on University-MnSCU cooperation.
- 12:15 p.m. Luncheon, Shepherd Room, Weisman Art Museum. Students in theatre arts and dance will perform.
- 1:45 p.m. Committee of the whole, 238 Morrill. Update on administrative budget reductions.
- 4:15 p.m. Board of regents, 238 Morrill.

Friday, Feb. 13

- 9 a.m. Board of regents, 238 Morrill. Nonpublic meeting for attorney-client privileged matters.

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2/10/98**

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Note to photographers: Two university dance students will perform a student choreographed dance at the regents luncheon at 12:15 p.m. Thursday in the Shepherd Room at the Weisman Art Museum.

U OF M TO HOLD MEDIA BRIEFING ABOUT PLANS FOR NEW DANCE CENTER



The University of Minnesota's dance program will hold a media briefing to discuss plans for a new dance center at 10 a.m. Thursday, Feb. 12, in Room B-12 Morrill Hall. Construction of a new \$4.3 million, 18,200-square-foot dance center on the university's west bank is expected to be approved by the board of regents Thursday afternoon. A model of the building will be displayed and architect Joan Soranno of Hammel Green and Abrahamson, Inc. and other representatives from the university and the Twin Cities dance community will be available for comment.

The dance center will house a 125-seat performance/studio space, two 2,000-square-foot rehearsal studios, classrooms and offices. The light-filled lobby of the three-story building will open to an outdoor terrace/amphitheater. With approval, construction will begin in May and is expected to be completed by January 1999. This is the first Twin Cities building dedicated exclusively to dance.

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2/10/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M RAPTOR CENTER OFFERS ANNUAL EAGLE-WATCHING TRIP AND BRUNCH

The University of Minnesota's Raptor Center and Eagle Watch Inc. will sponsor an all-day eagle-watching excursion along the Mississippi River Saturday, Feb. 21.

Buses will leave the Raptor Center, on the St. Paul campus, to tour Minnesota's hot spots for winter eagle watching: Read's Landing and Wabasha. Participants will learn about the natural history of bald eagles and visit their wintering grounds. Brunch will be served at the Wabasha Boatworks. Raptor Center eagles Othello and Leuc will go along. Door prizes include a chance to release a bald eagle back to the wild.

Cost is \$45 for Raptor Center members, \$55 for nonmembers. Call Patti Clark at (612) 624-2756 for more information or to register.

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2/10/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

HARRIET THE PEREGRINE BACK AT U OF M RAPTOR CENTER WITH INJURY

Harriet, one of the first group of nestling peregrine falcons bred in captivity and released from downtown Minneapolis in 1985, was found in Chicago with a broken wing and is now at the University of Minnesota Raptor Center for treatment. Her condition is guarded, said Dr. Pat Redig, director of the center.

Harriet turned up Jan. 22, perched on a truck and unable to fly. She was picked up by the Anti-Cruelty Society of Chicago, and was cared for with the cooperation of the Chicago Academy of Sciences and the Lincoln Park Zoo until arrangements could be made to send her to the Raptor Center. She has been there since Jan. 27. Students from Falcon Ridge Middle School in Apple Valley have raised and donated \$500 for her rehabilitation.

Harriet had been living in Chicago since 1986, nesting on the Wacker Building. She has become the longest-known nesting peregrine in the wild, leaving a legacy of 42 eggs laid, 29 chicks hatched and 18 young fledged.

The Raptor Center, a program within the university's College of Veterinary Medicine, treats approximately 700 sick and injured birds of prey annually. It receives funding primarily through donations, grants and memberships.

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2/10/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Note: This is a corrected version of a release sent out earlier today. Embargoed by the American Association for the Advancement of Science until 1 p.m. EST Monday, Feb. 16. Sound bites will be available at that time on the Newline at (612) 625-6666. Herzberg is at (612) 625-8404.

GOOD DENTAL HYGIENE MAY PREVENT HEART ATTACKS, U OF MINNESOTA STUDY FINDS

Bacteria found in dental plaque near diseased gums can induce clumping of blood platelets, a University of Minnesota study has found. Such clumping is an early step in the formation of blood clots, the precipitating event in heart attacks. Working with rabbits, Dr. Mark Herzberg, professor of preventive sciences, and Dr. Maurice Meyer, professor emeritus of oral sciences, physiology and neurology, found that the bacteria can also cause abnormalities in heart function. While previous reports have linked bacterial infections to the buildup of atherosclerotic plaque in coronary arteries, the researchers believe this to be the first evidence linking bacteria to the event that directly causes most heart attacks. The work will be presented Monday, Feb. 16, at the American Association for the Advancement of Science meeting in Philadelphia.

"We know a great deal about risk factors for atherosclerosis and heart attacks, but not the actual causes," said Herzberg. "Risk factors include high LDL cholesterol, lack of exercise and smoking. But our data suggest that two different 'bugs' may trigger the formation of blood platelet clots, which is the actual artery-blocking event." The researchers say that rabbits infused with the clot-inducing bacteria make a good animal model of events leading up to or predicting human heart attacks.

There is currently no way to estimate the extent to which the presence of these bacteria in blood contributes to heart attacks, but several epidemiological studies implicate poor dental health, particularly periodontitis (gum disease), as a risk factor in heart attacks, Herzberg said.

"Severe periodontitis is the equivalent of about nine square inches of chronic wound around the teeth," he said. "It offers considerable opportunity over time for these bacteria to enter the blood."

The researchers studied certain strains of the bacteria *Streptococcus sanguis* (*S. sanguis*), the most numerous organism found in dental plaque, and *Porphyromonas gingivalis* (*P. gingivalis*), a major pathogen in periodontitis. After *S. sanguis* was infused into rabbits, blood platelets clumped together. The bacteria appear to do this, said Herzberg, by producing a protein called PAAP (platelet aggregation associated protein) and displaying it on their outer cell walls. In test-tube experiments, only PAAP-producing strains of *S. sanguis* triggered platelet clumping.

These events mimic an early step in the development of clots. When injury rips open blood vessels, blood is exposed to collagen, a protein found in blood vessel walls and connective tissue. To stop the bleeding, platelets stick to collagen, which activates them to "grab" molecules of the blood protein fibrinogen. Each fibrinogen molecule can attach to two platelets, and soon these "bridges" of fibrinogen create a clump of platelets. Clotting factors convert fibrinogen to another protein--fibrin--which forms

the solid meshlike framework of a blood clot. Herzberg and colleagues have previously shown that PAAP bears a chemical resemblance to collagen, and both mediate platelet clumping in much the same way, Herzberg said.

The researchers also found that infusions of PAAP-producing *S. sanguis* quickly caused dose-related platelet clotting, faster heart and breathing rates, and intermittent abnormalities in the rabbits' electrocardiograms. (A similar bacterium that doesn't produce PAAP caused no changes.) Some of these pathological changes persisted for 30 minutes. The abnormal EKGs suggest that platelet clots formed in the coronary arteries, said Herzberg. As a result of these obstructions, part of the heart muscle suffers from a lack of blood and oxygen. If the clots persist, heart muscle in that area dies--a heart attack.

Herzberg said there is also evidence implicating mouth bacteria in coronary artery disease, including a preliminary study at the State University of New York at Buffalo that found *P. gingivalis* in atherosclerotic deposits in coronary arteries. But the absence of bacteria in arterial lesions or blood clots wouldn't rule them out as a factor, Herzberg maintained. Bacterial cells might cause inflammation that leads to atherosclerosis, but the cells may be removed by the immune system during the process of building up deposits. Also, Herzberg pointed out that the process of clotting in response to PAAP-producing bacteria is self-propagating. These bacteria would act only as "seeds" and may never be found associated with damaging clots.

Herzberg estimated that about 60 percent of *S. sanguis* strains found in the human mouth are PAAP-producing, but cautioned that much more research is needed before it is known whether these mechanisms occur in humans. He plans to continue studying rabbits for periods longer than 30 minutes to see if heart attacks could occur as a result of clotting caused by the PAAP-producing bacteria.

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2/10/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M REGENTS TO FOCUS ON CONNECTING RESEARCH AND COMMUNITY

Improving connections between cutting-edge University of Minnesota researchers and the state business community highlight the March agenda of the university's board of regents Wednesday, Thursday and Friday, March 11, 12 and 13. Board members will tour the university's Microtechnology Laboratory and Biomedical Engineering Institute Wednesday evening, discuss the funding and facilities challenges facing researchers Thursday morning and have dinner with the Minnesota Biotechnology Association's board of directors Thursday evening.

On Friday the regents will host Minneapolis Mayor Sharon Sayles Belton and Hennepin County Commission Chair Randy Johnson for the signing of a joint agreement to make it easier for small businesses—especially those owned by women and minorities—to do business with the city, county and university. Also on Friday, regents will see a demonstration of new Web-based technology for helping students with course, career and financial aid planning, even while they're still in high school.

Here is the schedule of committee meetings, with a sample of agenda items.

Wednesday, March 11

- 3 p.m. Audit, 238 Morrill. President's response to external auditor's recommendations.
- 5:30 p.m. Tour of Microtechnology Laboratory and Biomedical Engineering Institute. Basic Sciences Building atrium.

Thursday, March 12

- 9 a.m. Educational Planning and Policy, 238 Morrill. Discussion of critical issues in research.
- 9 a.m. Finance and operations, 300 Morrill. Discussion of possible reorganization of finance and operations unit.
- 2:15 p.m. Facilities, 238 Morrill. Action on schematic plans for new dance center.
- 2:15 p.m. Faculty, staff and student affairs, 300 Morrill. Action on interim vice presidential appointments for finance, operations.
- 4:15 p.m. Board of regents, 238 Morrill. Nonpublic meeting for attorney-client privileged matters.
- 6 p.m. Eastcliff. Dinner with Minnesota Biotechnology Association Board of Directors.

Friday, Feb. 13

- 8 a.m. Signing of Minneapolis/Hennepin County/University Small Business Enhancement Agreement. Shepherd Room, Weisman Museum.
- 9:15 p.m. Committee of the whole, 238 Morrill. Student Information Systems presentation.
- 11:15 p.m. Board of regents, 238 Morrill.

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2/10/98

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U DANCE CENTER MEDIA BRIEFING CANCELED

Today's media briefing for the University Dance Center has been canceled and the board of regents will not be voting on the University Dance Center this afternoon.

The media briefing had been scheduled for 10 a.m. in B-12 Morrill Hall. If another media briefing is scheduled, a notice will be distributed.

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2/12/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

ANDREW CZAJKOWSKI TO RECEIVE U OF M OUTSTANDING ACHIEVEMENT AWARD

Andrew Czajkowski, president and CEO of Blue Cross Blue Shield of Minnesota (BCBSM) and Aware Integrated Inc., will receive an Outstanding Achievement Award from the University of Minnesota at 6 p.m. Thursday, Feb. 19, during a reception at Eastcliff. The award, the highest given to alumni, recognizes exceptional achievement in a professional field.

Czajkowski received a bachelor's degree from the Carlson School of Management in 1957. He joined BCBSM in 1963 as manager of the actuarial underwriting division, was named executive assistant to the president in 1972 and became senior vice president of underwriting, statistics and membership in 1980. In 1983, he was named president and CEO.

Czajkowski led the growth of BCBSM to 22 affiliated companies providing a range of managed care and insurance services under a nonprofit parent corporation, Aware Integrated Inc. He founded the Minnesota Comprehensive Health Association, the state-administered risk pool for individuals unable to qualify for private health coverage, and served as president and board chair from 1976 to 1982.

Czajkowski has served on various Blue Cross Blue Shield Association boards, as well as on boards of such community organizations as the Minnesota Club, the Minnesota Orchestra, the Citizens League and United Way of the St. Paul Area. He was vice president for development of the Boy Scouts Indianhead Council and a member of the Governor's Task Force on Violence as a Public Health Problem.

Eastcliff, the official residence of the university president, is located at 176 North Mississippi River Blvd. in St. Paul. The reception is by invitation only, but is open to the media.

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2/16/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

UNIVERSITY OF MINNESOTA MARCH STARWATCH

by Deane Morrison

Bowing to the ascendant sun, the bright planets keep a low profile during March. In the west, the sun's afterglow is gradually swallowing the winter constellations. In the east, the spring stars of Leo and Bootes glide into prime viewing position. More down to earth, the sun's rapid movement north stirs up the famous March winds and, perhaps not coincidentally, various forms of "madness" in hares and humans alike.

The spring equinox arrives at 1:55 p.m. CST on the 20th, when the sun crosses the equator into the northern sky. The sun is also climbing northward at its fastest rate of the year, delivering about an hour and a half more daylight on April 1 than on March 1.

The full moon, being opposite the sun in the sky, makes its most rapid descent southward this time of year. We notice it as a later-than-usual moonrise from night to night around the date of full moon. This month's full moon, called the sap moon, crow moon or Lenten moon, rises the night of the 12th. It undergoes a slight penumbral eclipse, climaxing at about 10 p.m. CST, when Earth cuts off a small chunk of sunlight to the moon's surface. The shadow on the moon will be so slight that it will likely go unnoticed except by diligent observers.

The moon performs one other feat of note this month. The evening of the 4th, the leading dark edge of the moon--whose lighted part will be a fat crescent--covers the bright star Aldebaran in Taurus. Viewers in southern Minnesota and Iowa should see the moon graze the star or cover it for a brief period, starting shortly after 6 p.m. For example, from Cedar Rapids, Des Moines and Dubuque, Iowa, the star will disappear for about 40 minutes. Farther south, Aldebaran's disappearance will last longer. Unfortunately, viewers to the north of southern Minnesota and mid-Wisconsin will see only a near miss.

Venus is fairly low but brilliant in the morning sky about an hour before dawn. Jupiter is also a morning planet, but much too close to the sun to see. Next month, however, these two bright planets will

come together in a spectacular pairing. In the meantime, Venus and the waning crescent moon make a nice sight in the predawn sky on the 24th.

Saturn lingers in the west during the evening hours, higher and much brighter than Mars, which has all but disappeared over the horizon. Mercury joins Mars on the 10th, then climbs past Saturn, making its closest pass on the 21st. On the 22nd, the three planets form an isosceles triangle with Mars at the bottom.

The familiar form of Leo, the lion, rides high in the sky during March. Look for the Sickle, a backward question mark of stars set off by bright Regulus at the base. East of the Sickle, the lion's hindquarters and tail are accounted for by a triangle of stars. Leo is flanked by two lovely star clusters: to the west, the Beehive, in Cancer; and to the east, Coma Berenices, or Berenice's Hair. The clusters are striking against dark skies even without optical aids, but binoculars offer a great close-up of their beauty.

Observers with really dark skies may want to look above Leo to find three pairs of faint stars known as the Three Leaps of the Gazelle. A star chart will help. The three star pairs are strung out from southeast to northwest, with the first pair above Leo's hindquarters and the last pair above his head, equidistant from the Gemini twins. Be careful not to confuse them with the stars of the equally obscure constellations Leo Minor and the Lynx.

One feature of dark skies that's not so hard to find is the Milky Way, stretching from north to south in the west during evening hours. Its path leads through the realm of bright winter stars, northward through Perseus and Cassiopeia.

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Starwatch is a monthly guide to the night sky in the Upper Midwest. For a taped version from the University of Minnesota astronomy department, call (612) 624-2001.

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Starwatch also on the WWW at <http://www.umn.edu/urelate/news.html>.

Media note: Embargoed by *Science* until 3 p.m. CST Thursday, Feb. 26. Recorded sound bites will be available at that time on the Newline at (612) 625-6666.

U OF MINNESOTA FINDING OPENS DOOR FOR NEW YEAST INFECTION THERAPIES

Researchers at the University of Minnesota have found a "chink in the armor" of *Candida albicans* (*C. albicans*), a yeast that infects people who have a weak immune system, 30 percent of whom die from the infection. The study will appear in the February 27 issue of *Science*.

The team, comprising researchers from the departments of pediatrics and plant biology, found that the vital processes of the yeast could be disabled by disrupting both copies of a single gene, INT1, thereby eliminating the protein it produces, Int1p. Eliminating that protein handicaps the yeast in its ability to attach to human tissue and create filaments. The yeast is still alive but has lost its virulence.

The researchers also found that when the INT1 gene was inserted into cells of baker's yeast, the yeast acquired the ability to stick to human cells and to produce filaments. Baker's yeast is an excellent organism in which to isolate and test individual genes because it contains only one copy of each chromosome rather than two as in *C. albicans*, said Judith Berman, associate professor of plant biology.

All humans acquire *C. albicans* shortly after birth in their gastrointestinal tract, where it remains stable as long as the immune system is normal. Mild infections with *C. albicans* can occur when otherwise normal people get a diaper rash, thrush in the mouth or vaginitis after taking antibiotics. White blood cells (neutrophils and lymphocytes) usually protect against serious infection.

Problems arise when the body's normal defenses are compromised, such as by chemotherapy or transplantation, which is when this opportunistic yeast invades. The yeast generates filaments to penetrate into the bloodstream and can then be carried to brain, eyes, heart, lungs, liver, spleen, kidneys and bone, causing abscesses and clots that can destroy normal tissues.

"Our present answer to serious candidal infections involves anti-fungal agents that are often toxic because they can damage the body's own cells as well as the infecting organism," said Margaret Hostetter, professor of pediatrics. "Unfortunately, *Candida* can outsmart less toxic agents and become resistant to these drugs. Understanding the biology of *C. albicans*, how it works in the human body, enables us to attack *Candida*'s Achilles heel and to ensure that normal human cells are left unharmed."

Other co-investigators include Cheryl Gale, instructor in pediatrics and first author of the report; Catherine Bendel, assistant professor of pediatrics; Mark McClellan, assistant scientist in pediatrics; and Jeffrey Becker and Melinda Hauser from the University of Tennessee.

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2/23/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M TO CELEBRATE BUILDING COMMUNITY THROUGH THE ARTS MARCH 2 TO 6

Two workshops hosted by members of the internationally acclaimed musical group Sweet Honey in the Rock highlight *Voices in Our Community: A Week of Building and Celebrating Community through the Arts at the U*, a weeklong celebration at the University of Minnesota from March 2 to 6.

Sweet Honey in the Rock, a six-person group based in Washington, D.C., is known for its innovative improvisation, vocal acrobatics and dedication to the preservation and celebration of African American culture through performances. Group members Ysaye Barnwell and Shirley Childress Johnson will conduct the workshops Thursday, March 5, at Coffman Union. Barnwell's 10 a.m. workshop, *Building a Vocal Community*, explores African American music as a cultural survival tool that has sustained African Americans for hundreds of years. Childress Johnson's noon workshop will focus on developing specialized signing skills needed for interpreting music and performing arts. She joined Sweet Honey in the Rock as its sign interpreter in 1980 and has since worked to make a connection between the musical group and the deaf communities.

Voices in Our Community is an initiative by the university to recognize and celebrate the diversity of the university campus and connect its building efforts to various Twin Cities communities. It will begin with a kick-off session at noon Monday, March 2, at the Coffman Union Theater. Rusty Barcelo, associate vice president for multicultural affairs at the university, will deliver opening remarks followed by dances and music from various ethnic groups. Among the events slated during the week are poetry reading, performances and art exhibits in the student cultural centers at Coffman Union.

For more information on *Voices in Our Community*, contact Jamie Nolan, Office of Vice President for Multicultural Affairs, (612) 625-0378, nolan@maroon.tc.umn.edu.

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2/26/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

NO MATH ANXIETY HERE: U OF M HOSTS FUTURE EINSTEINS AND CURIES

How do you make a telescope? What happens to bananas and marshmallows when they're cooled to -320 F.? How do you control a robot? The answers to these and other science and math questions will be discovered by more than 175 students in grades 5 through 12, their parents and teachers during the University of Minnesota Talented Youth Mathematics Program Mathematics Fun Fair, 9 a.m. to 2 p.m. Saturday, March 7, at the Earle Brown Center on the St. Paul campus.

The fair will feature more than 20 hands-on demonstrations, exhibits and presentations by scientists and engineers from Honeywell, NSP, Ecolabs and the university. Among them will be interactive 3-D computer sketching and laser demonstrations presented by the University of Minnesota's Society of Physics Students and department of architecture.

The fair is sponsored by the Institute of Technology Center for Educational Programs at the university. For more on the fair, go to its Web site at <http://www.math.umn.edu/itcep>.

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3/5/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Recorded sound bites are on the NewsLine at (612) 625-6666. Go to the Web at <http://www.umn.edu/urelate/newsservice/newsreleases/bioliver.html> for a downloadable picture of the bioartificial liver. For a diagram and more on the device, check the Web site at http://www.cems.umn.edu/~wshu_grp/bal/bal.html.

U OF MINNESOTA BIOARTIFICIAL LIVER READY FOR HUMAN APPLICATION

Researchers at the University of Minnesota have developed an artificial liver using living cells that will temporarily support patients with severe liver failure as they wait for a liver transplant or recover from liver injury. Algenix Inc., a Minnesota-based company, is working with the university to commercialize the device. Algenix has licensed the technology from the university and is seeking investors to begin clinical trials.

Approximately 250,000 individuals are admitted to hospitals in the United States each year for diseases associated with liver failure. The American Liver Foundation reports that liver failure is the seventh leading cause of death in the country, having caused 40,000 deaths in 1996. Approximately 4,100 liver transplants are performed nationwide each year, but more than twice that many patients are on the waiting list. Patients with liver disease and their insurance companies spend more than \$9 billion in hospital charges annually in the United States.

The university's bioartificial liver provides the essential functions that are disrupted by liver disease: detoxifying the blood and regulating the amount of glucose, protein, fat and other substances that enter the bloodstream.

The device uses pig liver cells to destroy the toxins that accumulate in the blood following liver failure. Patients will be connected to the device, which is similar in design and application to what is used for kidney dialysis. The dialysis cartidge is filled with hollow fibers whose walls function as a membrane. The pig cells are suspended in a collagen gel inside the fibers. Blood is purified by being circulated out of the patient's body and around the outside of the fibers. The fiber membrane allows the toxins, which are small molecules, to diffuse through it and into the gel, where they are destroyed by the pig cells. The patient's blood cells are too big to get into the fibers, and so never touch the pig cells. The purified blood is returned to the patient.

Nationwide, researchers are exploring several other approaches to artificial livers, most of which use pig liver cells. The university's device is unique because the patient's blood never comes into contact with the pig cells, thereby minimizing the possibility that an animal virus could be transferred to humans. It also provides a better nutritional environment for the pig cells and sustains their vitality because they are shielded from the patient's immune defenses.

The technology has gone through extensive experimental testing at the university since 1988, and has been found safe and effective in preclinical trials. The project was headed by Dr. Frank Cerra, professor of surgery and senior vice president for health sciences, and Dr. Wei-Shou Hu, professor of chemical engineering and materials science. The Food and Drug Administration has approved the use of this device for a clinical trial in humans.

Although the risk of transferring a harmful virus from the pig cells is minimal with this device, the researchers said they are taking every precaution to protect the patient. "The bioartificial liver team and Algenix Inc. are collaborating with a team of researchers with expertise in animal husbandry, porcine virology and biomedical swine research to develop protocols to safeguard the patient and the public," Hu said. "The university is one of the very few institutions in the country with researchers whose expertise encompasses such a wide range of issues related to swine for biomedical research. This collaboration ensures the highest quality and consistency of the bioartificial liver device."

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3/9/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: More information is on the Web at www.me.umn.edu/courses/me1010 (click Robot link)

U OF M ROBOT SHOW: WHAT WILL THEY THINK OF NEXT?

The University of Minnesota's mechanical engineering department will host its second annual robot show from 2:40 to 4:30 p.m., Wednesday, March 11 in the Great Hall of Coffman Union. This event is part of the department's Introduction to Engineering course.

Students are required to construct a computer-controlled robot that "does something interesting." The machines must not cost more than \$25 to create from a kit of parts provided by the university. Other than some safety and size restrictions, the students are free to build anything they want.

Last year students created 100 robots, including a miniature golf machine, a disco dancer, a Star Wars reenactment and a guided paper airplane launcher that could simultaneously launch five airplanes in different directions.

The university has invited area elementary schools to watch the robots perform. The public and media are also welcome.

From 2 to 4 p.m. Thursday, March 12, another display in the Great Hall will feature work by students in the department's senior design course. Some of this year's creations include adjustments to Nordic Track's™ exercise machine to burn off the maximum number of calories, an alarm system to alert scientists when dust collectors in sterile environments are full and construction of small plastic cars to use in tests of Personal Rapid Transit, a system developed by a University researcher.

The design show allows students to show off their work in a trade-show format. The students work in groups of three to 10 on design projects sponsored by the university and by local industries. The public and media are welcome.

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3/10/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M TO HOST FORUM ON THE FAMILY'S ROLE IN EDUCATION

Family involvement in children's education is the topic of a forum to be hosted by the University of Minnesota's Children, Youth and Family Consortium and the Seeds of Promise initiative from 4 to 6 p.m. Monday, March 16 at 155 Earle Brown Continuing Education Center. This forum stems from last summer's Family Reunion 6 conference, hosted by Vice President Al Gore and Tipper Gore in Nashville, Tenn. One of the messages from that conference was that parents play a vital role in the successful education of their children.

William Doherty, professor of family social science at the university, is the featured speaker. The moderator is Kathleen O'Donnell of the Office of Family Involvement in the Minneapolis Public Schools. The panel consists of educators from the Minneapolis and St. Paul public schools.

The Earle Brown Continuing Education Center is located at 1890 Buford Ave., on the St. Paul campus. The forum is free and open to the public, but interested persons are asked to call (612) 626-1212 to reserve space.

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3/12/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

OFFICIAL UNIVERSITY OF MINNESOTA REACTION TO 'MANDATORY FEES' LAWSUIT

(On Feb. 3, five University of Minnesota students filed suit in U.S. District Court, Minneapolis, claiming that the University of Minnesota's mandatory student fee is unconstitutional. The student fee is charged quarterly and pays for a number of student services, including health services and a variety of student organizations.)

Statement of President Mark Yudof

We consider our student organizations to be a vital part of campus life and very important to the student body. Our system for funding those organizations is based on assessing a mandatory fee to all students. That system is now under judicial scrutiny, and we intend to defend the university's policies in the court of law.

The university has always been and must be viewpoint-neutral in the allocation of money for student organizations. We cannot discriminate among organizations on the basis of their political or religious ideas and positions. The Student Services Fee Committee is charged with this responsibility. It is a democratic process based on student participation and student control. It gives every organization a fair opportunity to receive funding.

Statement of William Hogan, Chair, Board of Regents

A university campus ought to be a place where diverse student organizations flourish, thereby enhancing educational opportunities for all students. Student organizations facilitate the discussion of ideas and stimulate robust campus debate. A student fee process managed by students achieves those goals and reflects a partnership between students, the administration and the board of regents. We will work to make sure that the process remains fair and democratic.

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3/12/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M REGENTS APPROVE NEW DANCE CENTER ON WEST BANK

At their March 12 meeting, the board of regents approved construction of a new \$4.3 million, 18,200-square-foot Dance Center on the west bank of the university's Twin Cities campus. Construction is scheduled to begin in May; the center is expected to open in January 1999.

The center will house a 125-seat performance/studio space, two 2,000-square-foot rehearsal studios, classrooms and offices. The light-filled lobby of the three-story building will open through an extended, cantilevered entryway onto an outdoor terrace/amphitheater.

Designed by architect Joan Soranno of Hammel Green and Abrahamson, Inc., the building will be constructed of portland cement plaster, metal and glass. Soranno says the bold, angled walls and curved roof are "inspired by the creative, kinetic nature of dance, defined by a complex relationship of lines and curves. The building materials will convey a sense of lightness and preserve the integrity of the forms."

The building will be the first in the Twin Cities to be dedicated exclusively to dance. "Our enrollment may be small, but we're part of a very large Twin Cities dance community," said Marge Maddux, acting director of the university's dance program. "From this new building, we can reach into that community to strengthen the synergy that has always been there."

The university's dance program enrolls 70 students in the dance major and provides classes for more than 1,000 students annually. Its students have been invited to perform at the last three juried American College Dance Festivals, America's premier collegiate dance competition, at Kennedy Center in Washington, D.C., and its graduates have worked with choreographers and dance companies throughout the country.

"We've waited a long time for this building," said Maddux. "For many years, we've had to improvise makeshift studio space around campus. Even with inadequate facilities, our program has received outstanding notices from far and wide. With this new facility, there's no telling how far we can go."

The center will serve as a gateway to the arts district on the west bank, according to Steven Rosenstone, College of Liberal Arts dean. That district now includes Rarig Center, home to University Theatre; Ferguson Hall, home to the School of Music; and Ted Mann Concert Hall.

"We are at the center of a vibrant arts community, and this building signifies our commitment to that community," Rosenstone said. "We are creating more than a building here. We are creating a visually stunning space that will showcase our talented students and faculty and draw people into the cultural life of the campus. That's good for us, and good for the community."

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3/12/98

HAL MILLER, U OF M'S LONGEST SERVING DEAN, TO RETIRE IN JUNE

University College Dean Harold "Hal" Miller, only the fourth dean of University College since 1913, has announced his intention to retire June 30. (When established in 1913, the college was referred to as General Extension, then Continuing Education and Extension and currently University College). Miller, who has served under presidents Moos, Magrath, Keller, Hasselmo and Yudof, has been dean for 27 years.

During Miller's tenure, University College expanded its educational mission to include global distance learning opportunities. Miller was also instrumental in developing summer session programs to meet the needs of degree-seeking students, K-12 educators and working professionals. Miller was charged with coordinating University of Minnesota programs through the University Center Rochester and most recently has been responsible for developing degree-granting partnership programs with Minnesota community colleges and MnSCU institutions.

"Dean Miller has served the university and the citizens of this state in an exemplary manner, and we congratulate him on his success," said Executive Vice President and Provost Bob Bruininks. "The entire university community wishes for his continued success and personal and professional satisfaction as he begins this new phase in his life."

"I have been honored to serve in the outreach program of the University of Minnesota," Miller said. "University College provides access to thousands of university courses, certificates and degrees for adult students who want to advance their careers through part-time study. The people who make up University College are dedicated professionals committed to serving Minnesotans, and I have enjoyed being a part of their team."

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3/17/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Embargoed by Nature until 2 p.m. Eastern time Wednesday, April 22. Packer will be out of town Thursday and Friday, April 23 and 24. He is available before then at (612) 625-5729.

INFANT DEPENDENCY DRIVES MENOPAUSE, U OF MINNESOTA RESEARCHER REPORTS

Why is there menopause? Some researchers have claimed that women need child-rearing help from their mothers, and menopause frees older women to pitch in. Others have claimed that menopause is just an unavoidable consequence of aging. Writing in the April 23 issue of *Nature*, University of Minnesota ecology professor Craig Packer says evidence from lions and baboons points to menopause as a simple result of aging, but with the timing of menopause set by how long a species needs to raise last-born infants to the age of independence.

"Our results suggest that there's no evolutionary benefit to menopause--it's simply that there's no cost," said Packer. That is, as an individual ages, the reproductive system is the first to go, but that's okay at the point when the individual won't live long enough raise an additional baby, he said. "Since humans have a more prolonged period of infant dependency than other species, we'd expect menopause to occur earlier in life," Packer said.

The theory predicts that reproductive decline will begin once the mother's life expectancy drops below the time required to raise additional offspring, he said. For example, if women in pre-technological societies could expect to live 50 years, and if a child, in order to survive, needed its mother until the age of 10, then reproductive decline could begin at age 40. Packer's data illustrates this concept in baboons and lions. Female baboons don't live past 26 or 27, and their infants require at least two years of maternal care. Baboon reproductive rates decline around age 21, which allows ample time for the youngest infant to reach independence. Similarly, lion cubs need only one year of maternal care, and lion maternity drops at age 14, at which point life expectancy is 1.8 years.

Packer found no evidence that menopause frees older females to help younger females raise offspring. Such behavior should result in higher survival of individuals whose grandmothers are still alive but no longer reproductive. Although grandmother lions and baboons both engage in what's called

kin-directed behavior, they had no measurable impact on the survival or reproduction of their grandchildren or adult daughters, he said.

It has also been suggested that menopause evolved in women to avoid the increased dangers of childbirth in middle age. But Packer saw no evidence for this in elderly baboons and lions.

Menopause occurs in several other species, including nonhuman primates, rodents, whales, dogs, rabbits, elephants and domestic livestock. It appears to be a universal feature of mammalian females.

"Since female mammals are the primary caretakers of infants, we would expect menopause to evolve whenever child-rearing is extensive and prolonged," Packer said.

Packer's co-authors are Marc Tatar, assistant professor in the Brown University department of ecology and evolutionary biology, and Antony Collins, a research director at Gombe Stream Research Centre in Tanzania.

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3/17/98**

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**SLEUTHS, SLIME, SUBMARINES FEATURED AT
U OF M SCIENCEFEST! MARCH 21**

Children and adults can solve crimes, navigate submarines and take part in real laboratory experiments with University of Minnesota scientists at Sciencefest!, a science festival from 10 a.m. to 2 p.m. Saturday, March 21, at the University of Minnesota's Bell Museum of Natural History.

Highlights include:

- Submarine demonstrations by Michigan-based marine engineer Jim Hibbard in the University Aquatic Center
- A simulated crime scene, with forensics experts from the Minnesota Bureau of Criminal Apprehension
- Demonstrations with live birds of prey from the university's Gabbert Raptor Center
- Experiments, conducted by scientists, that produce a variety of materials from slime to cereal

Presenters include Medtronic, NASA, General Mills and the Minneapolis Heart Institute Foundation. The event is part of this year's JASON Project, an international science program for students ages 9 through 15, coordinated in Minnesota by the Bell Museum. The Bell Museum, located at 10 Church St. S.E. in Minneapolis, is open from 9 a.m. to 5 p.m. Tuesdays through Fridays; 10 a.m. to 5 p.m. Saturdays; and noon to 5 p.m. Sundays.

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3/18/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**U OF MINNESOTA CENTER WILL PROMOTE
SAFETY IN ANIMAL-TO-HUMAN TRANSPLANT**

Scientists at the University of Minnesota Academic Health Center have created a center to ensure that animal tissue transplanted into humans is safe and free of disease.

Researchers at the Center for Excellence in XenoDiagnostics will develop products and technologies to diagnose infectious agents such as viruses and bacteria that may be transferred along with the transplanted organ or tissue. They will also assess the clinical significance and risk associated with the presence of infectious agents in transplanted tissue or organs.

Nationwide, approximately 100,000 people die each year waiting for an organ transplant due to a shortage of human organ donors, according to the United Network for Organ Sharing. That is why xenotransplantation--transplantation of living tissue from animals to humans--has emerged as a possible alternative. Xenotransplantation is approved by the Food and Drug Administration for use only in clinical trials.

The center will also be a resource for animal breeders and companies that develop technology used in xenotransplantation. The scientists will monitor the condition of the tissue once it is implanted, maintain a database of related statistics and watch for trends that could affect how the companies operate their animal facilities.

The scientists will collaborate across disciplines from College of Veterinary Medicine, Medical School and Institute of Technology, placing the university's center among the most comprehensive in the country to address xenotransplantation.

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3/19/98**News releases also on WWW at <http://www.umn.edu/urelate/news.html>**

Media note: A description of a denial-of-service attack can be found at <http://www.cert.org/pub/advisories/CA-98.01.smurf.html>.

U OF M COMPUTERS EXPERIENCE DENIAL-OF-SERVICE ATTACK

The University of Minnesota was the target of a denial-of-service attack from 10 a.m. to 12:21 p.m. Tuesday, March 17. Susan Levy Haskell, the university's security incident response coordinator, said none of the university's computers were infiltrated.

In essence, the attack created a network traffic jam. "It was as if someone tried to push a river down a soda straw," said Levy Haskell. The attack was disguised as a query that repeatedly demanded a response. The impact of the attack was magnified because it was relayed through nearly 900 computers on its way to its intended victim, a PC on the university's Crookston campus.

Many computer users on all four University of Minnesota campuses experienced some slowness in accessing central servers or the Internet, for some or all of the almost 2 1/2 hours. "The only computer that suffered any ill effects after the attack was the targeted computer, which was temporarily removed from the network," said Levy Haskell.

The university was alerted to the attack on Tuesday, March 17, by its Internet service provider, Minnesota Regional Network (MRNet). "They informed us that there was congestion coming from the Internet that was affecting their service and ours," said Levy Haskell.

Normal service was restored after university officials rebooted the router that passes traffic to the Crookston campus. "We also quit accepting traffic for the intended victim's PC, after which the traffic bottleneck cleared," Levy Haskell said.

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3/19/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M COUNSELOR, FACULTY MEMBER CONSTANCE FABUNMI DIES

Constance Fabunmi (nee Veenstra), a faculty member and clinical coordinator for the Alcohol and Drug Counseling Education Program in the University of Minnesota family social science department, died at her home in St. Paul Sunday, March 15, of colon cancer. She was 65.

Fabunmi received a bachelor of arts degree in psychology and literature from Hope College in Holland, Mich., in 1954 and a master of arts degree in special education from Gallaudet University in Washington, D.C., in 1956. After teaching in Washington, she moved to London, where she taught English literature. She subsequently taught English language and literature at Egbedo College, King's College and the American International School, all in Nigeria. On returning to the United States in 1966, she earned a certificate in family therapy from the University of Minnesota.

In her work, she believed in using a health model--as opposed to a medical model--in confronting life's problems. She also worked to expand therapeutic models to include the social, cultural and economic contexts in which individuals and families live out their lives. She also stressed the importance of healing through community rather than searching for individual solutions. She performed much work with conflict resolution. Since 1988, she had worked extensively in rural Nicaragua, El Salvador, Honduras, Guatemala and Croatia, working with individuals and families affected by war and political conflict.

In 1988 Fabunmi received the Irene Hixon Whitney Award in recognition of service in alcohol and drug abuse counseling from the organization now called the Minnesota Association of Resources for Recovery and Chemical Health. In 1995 she won the McFarland Creative Teaching Award from the University of Minnesota College of Human Ecology.

Outside the university, Fabunmi had a small private practice as a family therapist. She also had worked as a volunteer therapist at a Minneapolis community health center and at the Center for Victims of Torture in Minneapolis. She said her life was dedicated to facilitating healing and working with others to construct a more humane and caring social order.

The family social science department at the University of Minnesota has established a scholarship in Fabunmi's name. Donations to the fund may be sent to: The University of Minnesota Foundation, 1300 South 2nd St., Suite 200, Minneapolis MN 55455. Gifts are tax deductible. Donors should clearly designate gifts for the Constance Fabunmi Scholarship.

Fabunmi is survived by a son, BaBatunde, of Providence, R.I.; daughters Lauren Fabunmi of San Francisco and Rebecca Fabunmi (Damon Ali Tinnon) of Minneapolis; a sister, Lois Heitcamp of Muskegon, Mich.; two grandchildren; and numerous friends.

A memorial service will be held at 3:30 p.m. Saturday, March 28, in Room 233 McNeal Hall, 1985 Buford Ave., on the St. Paul campus of the University of Minnesota.

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3/19/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

UNIVERSITY OF MINNESOTA APRIL STARWATCH

by Deane Morrison

After taking a back seat last month, planets begin a comeback in April. Jupiter, Venus and the moon stage the main event, while Mars, Mercury and Saturn remain almost completely hidden in the sun's glare. Also this month, starwatching shifts to later hours as daylight time returns.

Venus and Jupiter start the month well separated in the predawn sky, with Venus much higher and brighter in the east-southeast. As the days go by, however, the two planets draw ever closer until the 23rd, when they'll come within half a degree--about the width of a full moon--of each other. And, as luck has it, the thin old crescent moon rises close behind the pair that same morning. The result is one of the nicest moon-planet groupings in a long time; too bad we have to get up an hour before sunrise to see it. Venus and Jupiter keep moving and end the month well separated once again, but this time with Jupiter comfortably above its brighter companion.

Mercury makes a foray into the morning sky but will be much too low to see. Saturn is also a morning planet, but even closer to the sun than Mercury. Mars, the sole "naked-eye" planet in the evening sky, has dropped much too close to the sun for casual observers to find.

This month's moon brings more than the morning show on the 23rd. The religious holidays Passover and Easter also owe a debt to the lunar cycle. Setting the dates of these two celebrations is rather complex, but in general, Passover is tied to the full moon in the Hebrew month of Nisan. Nisan usually begins at the new moon closest to the spring equinox, and this year that new moon occurred on March 27. The next full moon is April 11, and Passover begins at sundown the previous day. Easter generally falls on the Sunday following the full moon that is on or after the equinox. That full moon being April 11, a Saturday, Easter falls on the 12th.

April's full moon is variously known as the egg moon or grass moon. It sails across the sky the night of the 11th in the company of Spica, the brightest star in Virgo. As it wanes it glides above the summer constellations Scorpius and Sagittarius in the morning sky. New moon arrives on the 26th. The next two

nights, a waxing young crescent will appear above the western horizon near the Hyades star cluster of Taurus and the bright star Aldebaran, the eye of the bull.

Leo, the lion, reaches its highest point in the sky during April. Leo is unmistakable, thanks to the Sickle, a backward question mark of stars anchored by the bright Regulus. To the east, kite-shaped Boötes, the herdsman, is high after sunset. Its brightest star, Arcturus, can be found by following the curve of the Big Dipper's handle. Arcturus, Regulus and Spica form an isosceles triangle with Regulus at the sharpest angle to the west, Spica to the south and Arcturus to the north and east. The triangle appears aimed at the knot of winter constellations now being swallowed by the sun's afterglow.

The Lyrid meteor shower peaks in the early morning hours of the 22nd. The number of meteors per hour is highly variable for this shower and may be only 15 or 20. Still, anyone out in the wee hours might want to sit or lie down and watch for a while. An old moon will rise and spoil the show shortly before morning twilight.

Daylight time returns at 2 a.m. on the 5th. Clocks should be set one hour ahead.

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Starwatch is a monthly guide to the night sky in the Upper Midwest. For a taped version from the University of Minnesota astronomy department, call (612) 624-2001.

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3/24/98**

Starwatch also on the WWW at <http://www.umn.edu/urelate/news.html>.

FOKER NAMED TO NEW CHAIR TO CONTINUE PEDIATRIC HEART RESEARCH AT U

Dr. John Foker, professor of surgery and pediatrics, has been named the first holder of the Academic Pediatric Cardiothoracic Surgical Science Chair at the University of Minnesota Medical School. The \$3 million endowment will permanently support the university's research in unexplored techniques and treatment possibilities in pediatric cardiothoracic surgery.

Foker, a pediatric cardiothoracic surgeon, has contributed to the field in the surgical correction of rare birth defects in children. For example, Foker designed a method of surgical repair that stimulates the growth of either of the heart's two pumping chambers in children born with a chamber that is too small. The procedure saves these children from a life of operations, medications and ultimately heart transplantation. He also invented a technique by which he connects the ends of an undeveloped esophagus in children born without one, giving them the ability to swallow and eat normally.

Some of Foker's basic science research, supported by the National Institutes of Health for more than 15 years, has produced a greater understanding of what happens to the energy levels in heart cells when deprived of oxygen. The function of the heart depends on energy production within the cells. Foker found that the cells' energy level does not automatically recover when blood flow is re-established. Further study led to methods that can easily re-energize these heart cells five to 10 times faster and earned Foker two U.S. patents.

"We are very fortunate to have someone as talented and innovative as Dr. Foker on our faculty, and we are equally delighted to appoint him to this chair," said Dr. David Dunn, the J. Phillips Professor and chair of the surgery department.

A student of Dr. Richard Varco and Dr. C. Walton Lillehei, who pioneered the field of open heart surgery while at the University of Minnesota, Foker received an M.D. from Harvard Medical School in 1963 and a doctorate in microbiology from the University of Minnesota in 1969. Foker is a board-certified general surgeon, pediatric surgeon and cardiothoracic surgeon.

"It is a great honor to be the first recipient of this chair," Foker said. "Because open heart surgery began at the University of Minnesota, the chair has even more meaning and carries the obligation to continue the pioneering ways," Foker said.

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3/24/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

LIONS AND GOPHERS AND BETS — OH MY!

University of Minnesota President Mark Yudof is betting a five-pound bag of Minnesota wild rice and five minutes in a Nittany Lions hat that the Golden Gopher men's basketball team will beat Penn State in the championship game of the National Invitational Tournament (NIT) Thursday night. If he's right, Penn State President Graham Spanier will ship him five gallons of ice cream (in a refrigerated compartment, we hope) from the Penn State Creamery.

To "top off" the wager, the president of the losing team's school will wear the winning team's baseball cap for five minutes at the start of his next board of regents meeting.

"Lions don't scare me, Nittany or no Nittany," said Yudof. "What the heck is a Nittany, anyway?"

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3/25/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**PROSTATE CANCER TREATMENT FROM U OF MINNESOTA
WORKS IN MICE; RESEARCHERS AIM FOR CLINICAL TRIALS IN FALL**

A prostate cancer treatment that kills cancer cells while largely sparing healthy organs has been successfully tested in mice and will be ready for clinical trials this fall if approved by the Food and Drug Administration, according to University of Minnesota researchers who devised the treatment.

Lead researcher Akhouri Sinha said the treatment holds promise for controlling the most common and lethal cancer afflicting men over 50 in the United States, a disease that annually claims about 45,000 lives in this country alone. The work will be presented in two parts, at 8 a.m. Sunday, March 29, and at 10 a.m. Wednesday, April 1, during the American Association for Cancer Research meeting at the Ernest N. Morial Convention Center in New Orleans.

Sinha, a professor of genetics and cell biology who also holds an appointment at the Veterans Affairs Medical Center (VAMC) in Minneapolis, said that longer life spans mean rising numbers of prostate cancer patients in the United States and other developed countries. Often symptomless, the cancer can metastasize before it's diagnosed. Sinha said his treatment is a step toward the day when prostate cancer can be controlled without surgery, which, even if successful, can cause impotence. Two years ago Sinha and colleagues demonstrated that the treatment worked against prostate cancer cells in culture. The mouse study was the next necessary step before clinical trials can begin.

"I think we can kill most of the cancer cells in two or three doses, at least in the mouse experimental model," said Sinha. "But to be sure it works in humans, we need clinical trials."

The problem with most anti-cancer drugs is that they work against any tissue whose cells are continuously growing, dividing and being replaced, whether cancerous or not. Thus, the drugs kill actively dividing cells in the lungs, intestinal lining, kidneys, hair follicles and other organs, often with severe side effects. Other approaches, such as treatment with antibodies, have failed because antibodies alone can't kill cells. What is needed, said Sinha, is a way to specifically target cancer cells so that drug dosages can be raised enough to control the cancer without sickening or killing the patient.

The new treatment takes advantage of the fact that most prostate cancer cells produce a protein, prostate specific antigen (PSA), that is unique to prostate cells. PSA is released into the bloodstream, and abnormally high levels are often the first sign of prostate cancer. But PSA is also found on the outer membranes of prostate cells and prostate cancer cells.

Taking advantage of this, Sinha and his team put together a compound that consists of two parts. One is an antibody that zeroes in on PSA-producing cancer cells. Connected to the antibody is a potent anti-cancer drug. The antibody attaches to molecules of PSA, causing the cell to "swallow" the antibody, drug and all. Once inside the cell, the compound is split by enzymes; this frees the drug to kill the cancer cell.

(MORE)

To test the system in animals, the researchers injected human prostate cancer cells under the belly skin of nude mice, a strain that lacks both hair and a functional immune system--an ideal environment for growing cancer cells. After the cancer had grown for about six weeks, the researchers injected the antibody-drug complex through the tail vein of the mouse. They then traced the complex as it travelled through the animals' organs and into the cancerous tumors.

They found that the complex accumulated steadily in the tumors, reaching a peak concentration after 24 hours and maintaining reduced, but still high, levels for up to five days--the duration of the study. That is much longer than the 18 hours of exposure required to kill cells, Sinha said. But the compound followed a different odyssey through nontargeted organs, namely kidney, liver and spleen. The compound accumulated briefly in those organs, but levels began to drop after an hour. After three or four hours, more than 90 percent of the compound had disappeared from the mouse organs but continued to accumulate in tumors. The researchers also found that the treatment killed tumor cells and suppressed their ability to grow and divide but caused no significant cell death or suppression in liver, kidney or spleen.

"We believe this treatment will greatly decrease damaging effects of the therapy to unrelated organs while decreasing morbidity and mortality in prostate cancer patients," Sinha said.

While no drug can be expected to kill every tumor cell, Sinha said that cells not directly killed by the treatment--including the 20 percent or so of prostate cancer cells that produce no PSA--can die if large numbers of neighboring tumor cells die.

"If we kill 80 percent of the cancer cells, we can take care of the rest by utilizing another drug," Sinha said.

The work was carried out at the Minneapolis VAMC. The other researchers were Pratap Reddy, a urologist at the VAMC; Barry Quast, Sheila Schemm and Nathanael Pederson of the university's genetics and cell biology department and the VAMC; and Michael Wilson of the university's laboratory medicine and pathology department and the VAMC. It was supported by the Minnesota Medical Foundation, the U.S. Public Health Service and the VAMC Research Service. If approved, clinical trials will be conducted by urologists at the university and the VAMC.

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**Akhouri Sinha, Ph.D., (612) 725-2000, X2846; (504) 525-9444 (New Orleans, March 28-April 1)
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3/26/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M GRADUATE SCHOOL NAMES SIX DISTINGUISHED MCKNIGHT PROFESSORS

Six University of Minnesota professors whose research ranges from the origins of the human mind to the origins of the universe have been named 1998 Distinguished McKnight University Professors by the university's Graduate School.

The professorship was established to recognize and reward outstanding mid-career faculty, and it includes a grant of \$100,000 to be used over five years. Winners were chosen on the merit of their scholarly achievements and potential, the distinction their achievements have brought to the university, the quality of their teaching and advising, and their contributions to the wider community.

Here are this year's winners, their departments and a summary of their research interests:

- **Wei-Shou Hu**, chemical engineering and materials science. A pioneer in the field of mammalian cell culture and tissue engineering, Hu, along with several collaborators, has performed work that led to a bioartificial liver system that will soon go into clinical trials.
- **Richard James**, aerospace engineering. A leading theoretician in the field of mechanical behavior of solid matter, James studies "smart materials," which spontaneously change shape in response to changes in temperature or electromagnetic fields.
- **Charles Nelson**, Institute of Child Development. Nelson is an authority on the development of cognition. He theorizes that babies have a form of memory that doesn't depend on structures in the cortex of the brain as adult memory does. This could explain why adults can't recall events that occurred at age 1 or 2. He is also investigating the existence of specialized neural systems, which develop shortly after birth, for recognizing faces.
- **Keith Olive**, School of Physics and Astronomy. Olive's interest in cosmology encompasses theoretical work in such topics as the expansion of the universe, the creation of matter, the formation of elements and their subsequent chemical evolution in galaxies, dark matter, and the effects of a unified theory of particle interactions and gravity on the origin and fate of the universe.
- **C. Ford Runge**, applied economics, Law School. A former Rhodes scholar and Fulbright fellow, Runge has published largely in three areas: the economics of common property and public goods, agricultural policy analysis and reform, and the economics of international trade and the environment. His latest book is "Freer Trade, Protected Environment: Balancing Trade Liberalization and Environmental Interests" (1994).
- **Steven Smith**, political science. Smith is a leading scholar of the dynamics of change in legislative institutions. He has specialized in the U.S. Congress and has expanded his interests to include the Russian Parliament. He is a winner of the Congressional Fellowship of the American Political Science Association.

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4/1/98

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CHILDREN'S RIGHTS ISSUES IS TOPIC OF U OF M SEMINAR APRIL 7

Global and domestic children's rights issues as they relate to the provisions in the U.N. Convention will be the topic of the seminar "Multidisciplinary Perspectives on the Rights of the Child" from 4 to 6 p.m. Tuesday, April 7, in 140 Nolte Center at the University of Minnesota.

The seminar will focus on why the United States is one of only two U.N. member nations (the other is Somalia) that have not ratified the convention, a human rights treaty adopted by all member states of the European Union in 1989. In January, University of Minnesota faculty members signed a petition calling for the U.S. Senate to debate and vote on ratification of the treaty.

Featured speakers include Barbara Frey, Institute of International Studies; David Parker, School of Public Health; Huy Pham, Minnesota Advocates for Human Rights; and Peter Verbeek, Institute of Child Development. Amy Susman-Stillman, from the university's Children, Youth and Family Consortium, will moderate the discussion. In addition, young people from various backgrounds will present their views on children's rights and responsibilities.

The seminar is sponsored by the Children, Youth and Family Consortium and the Institute of Child Development. It is free and open to the public.

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4/2/98

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U OF M KICKS OFF SPRING COMMENCEMENTS WITH GRADFEST '98

Minnesota's largest university is gearing up for the pomp and circumstance of the 21 commencement ceremonies being held this spring. GradFest '98, a "one-stop" source for graduation information, services and products, will be held from 10 a.m. to 6 p.m. Wednesday, April 8, and from 9 a.m. to 3 p.m. Thursday, April 9, in Coffman Union Great Hall.

Last spring 3,600 seniors and finishing graduate students stopped by GradFest to pick up caps and gowns, order graduation announcements, choose a class ring and complete financial aid exit interviews. GradFest contains a mix of exhibits from such university offices as the Alumni Association, athletics, financial aid and the Graduate School as well as nonuniversity exhibits to help with selecting party supplies, arranging hotel reservations and ordering cakes. Graduates can also get assistance with job placement services and career needs such as clothing, resume paper and briefcases. More than 50 exhibitors will be on hand to address concerns graduating students may have.

GradFest promises "No Hassle for a Tassel" and is sponsored by the University of Minnesota Bookstores and University Relations. Visit the GradFest Web site at <http://www.bookstore.umn.edu> for a complete exhibit roster.

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4/2/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

THINK YOUR PANCAKE'S BATTER THAN THE REST? JOIN THE FLAP, JACK

University of Minnesota President Mark Yudof is inviting amateur and professional chefs to enter their best pancake recipes in the Golden Gopher Pancake Cook-off Monday, May 18, at the Earle Brown Continuing Education Center parking lot on the St. Paul campus. Competition starts at 1 p.m.; a pancake feed for the public will get under way at 3 p.m. Proceeds will fund student scholarships in the university's College of Agricultural, Food and Environmental Sciences (COAFES).

There are three ways to participate:

- **The "best pancake" competition.** Participants will each be given three minutes to deliver a stack of four hot pancakes to a panel of judges. Successful competitors will move on to a second round and a final round, following the same three-minute format. Final round judges will include Yudof, Vice President for Agricultural Policy Mike Martin and local celebrities. There will be a commercial division for restaurants and for-profit organizations, for which a scholarship donation will be requested, and an open division for individuals, families and nonprofit organizations. Entry forms must be sent to the COAFES office by 4 p.m. Friday, April 24.

- **The Pancake Feed.** All contestants will be expected to provide samples to the public. All who partake will help decide the winner of the "People's Choice" Award.

- **The Golden Gopher Pancake Cookbook.** This book, containing about 50 recipes, will be available for purchase on and after May 18. Anticipated price will be \$10 or less, including scholarship donation.

Cook-off contestants will be provided a small area with an electrical outlet to prepare their pancakes. They must bring their own ingredients and cooking equipment. Open division contestants should be prepared to make up to 100 pancakes; those in the commercial division should be prepared to provide at least 300 servings.

For a contest entry form, call (612) 624-3009 or check the World Wide Web at www.umn.edu/urelate/newsservice/pancake.html.

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4/2/98** This release is available on-line at www.umn.edu/urelate/news.html

U OF M TO FEATURE RESEARCH BY FACULTY OF COLOR AT AWARD FORUM

Research by 12 University of Minnesota faculty of color will be on display from noon to 5 p.m. Friday, April 24, at the Humphrey Institute's Cowles Auditorium as part of the President's Faculty Multicultural Research Award and Open Forum.

The event, titled Diversity Through the Disciplines, is sponsored by the Office of the Associate Vice President for Multicultural Affairs and the Office of the Executive Vice President and Provost. Its main goal is to enhance retention of a diverse faculty, encourage and support research by faculty of color and promote research on issues related to people of color. Faculty members will conduct poster sessions for their research from noon to 4 p.m., to be followed by a reception starting at 5 p.m. The following is a list of participating faculty and their topics.

Rosita Albert-Latino/Anglo American Differences in Perceptions and Interpretations of Interactions:
An Intercultural Research Program

Sheila Ards-Child Support and Child Abuse: Understanding the Connection

Ernest Davenport-The Development of an Effective ACT/SAT Review Course for "At Risk"
Students

Ishtiyaque Haji-Intercultural Attributions of Blame

Leolo Johnson-In Search of Iceberg Slim

Maria Cheng-F.A.D. (Faux American Dream) - Not

Rhonda Jones-Webb-Public Support for Alcohol Control Policies Among Black and White Adults

Josephine Lee-The Politics of Minority Theaters

Dario Menanteau-Education and Social Integration of Hispanics

Darcia Narvaez-Differences in Personal Ethics Between Ethnic Groups

Angelita Reyes-Women Taking Flight and Taking Life: Myths of the Flying African During New
World Slavery

Caroline Turner-The Tenure Track: Faculty of Color in Academe

**Contact: Caroline Turner, U of M education policy and administration professor, (612) 624-6390
Lakeesha Ransom, graduate assistant, (612) 626-7550**

4/14/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M URBAN DESIGNER CATHERINE BROWN DIES

Catherine Brown, coordinator of special projects and senior fellow at the University of Minnesota's Design Center for American Urban Landscape, died Sunday, April 12, after an 18-month battle with cancer. She was 47. A memorial service is scheduled April 20 in her hometown of Baton Rouge, La.

She and husband William Morrish, director of the Design Center, were praised in a 1994 *New York Times* story as "the most valuable thinkers in American urbanism today." Brown believed infrastructure was vital to community building, and thought "infrastructure" went beyond roads and bridges and required a combination of design skills and social initiatives.

Brown earned a master's degree in landscape architecture and urban design from the Harvard University Graduate School of Design. She met Morrish there in 1976. She earned a bachelor's degree in landscape architecture from Louisiana State University, and served on the faculties of Morgan State University, Tulane University, and the University of Southern California.

In 1990, Brown and Morrish organized the Expedition of the Fourth Coast, an intensive, eight-week study of towns and landscapes along the Mississippi River. She was also project director and managing author of *Building for the Arts: A Guidebook for the Planning and Design of Cultural Facilities*.

Perhaps Brown and Morrish's most widely known project was a 1987 master plan for the public art program in Phoenix, Ariz.

She contributed to *Public Arts Works: The Arizona Models*. Brown directed a team at the University of Minnesota that was exploring the physical design issues of public housing projects in Minneapolis. She was also coordinating the publication of *Planning to Stay*, a neighborhood design workbook for Minneapolis and St. Paul neighborhoods.

She was a member of the Minneapolis Federal Courts Master Plan Committee, and directed a study to save the Minneapolis Armory, which is on the National Register of Historic Places.

A February 13, 1994 *New York Times* article praised Morrish and Brown for their vision in "linking different areas of knowledge," connecting architects, landscape architects, city and regional planners, and public works engineers in urban design projects.

Besides Morrish, she is survived by her mother, Ruth.

Brown's ashes will be scattered at LongueVue House and Garden, an eight-acre city estate designed by William and Geoffrey Platt which was the home of New Orleans philanthropists Edgar Bloom Stern and Edith Rosenwald Stern. An endowment will be created at LongueVue in Catherine Brown's name.

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4/15/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M TO HOST FORUM ON ASIAN ECONOMIC CRISIS THURSDAY, APRIL 16

The rapid collapse of Asian financial markets last fall will be the topic of discussion at "Asian Economic Crisis: A Forum" from 1 to 3:30 p.m. Thursday, April 16, in Cowles Auditorium at the University of Minnesota's Humphrey Institute.

Meredith Woo-Cumings of Northwestern University and MacArthur scholars Jim Glassman and Hans Nesselth will explore the local and global causes of the collapse, focusing on Indonesia, South Korea and Thailand.

Woo-Cumings, appointed in 1996 by President Clinton to the Presidential Commission on U.S.-Pacific Trade Investment Policy, is an associate professor of political science and director of the Roundtable on Political Economy at Northwestern. Born in Seoul, South Korea, and raised in Tokyo, she has taught at Colgate and Columbia universities and has written several books on financial markets.

Glassman and Nesselth have conducted field research on economic factors in Thailand and Indonesia, including state policies promoting industrial growth and the impact of global consultancies on local social organizations.

The forum, sponsored by the Minnesota Korean Graduate Students Association, is free and open to the public. The Humphrey Institute is located at 301 19th Ave. S. on the university's west bank. For more information, go to the World Wide Web at <http://www.isp.umn.edu/isp/pubs/Dateline/Winter98/economic/html>.

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4/15/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

A. FORREST TROYER TO RECEIVE U OF M OUTSTANDING ACHIEVEMENT AWARD

A. Forrest Troyer, known for developing two of the world's most popular corn hybrids, will receive an Outstanding Achievement Award from the University of Minnesota at 3 p.m. Monday, April 20, during the annual Hayes Memorial Lecture in Room 335 Borlaug Hall. The award, the highest given to alumni, recognizes exceptional achievement in a professional field.

Troyer received a bachelor's degree from Purdue University in 1954, a master's degree from the University of Illinois in 1956 and a doctorate in plant genetics and botany from the University of Minnesota in 1964.

In 1958 Troyer joined Pioneer Hi-Bred Corn Company, where he coordinated the corn research in northern and eastern North America and France. During his 19 years at Pioneer, he developed or co-developed 21 commercial hybrids and two inbred lines that received plant variety protection at Pioneer.

In 1977 Troyer joined Pfizer Genetics, where, as a research director, he continued hands-on corn breeding. He rose to vice president at the company, which became DeKalb-Pfizer Genetics in 1982. Continued to breed corn, he developed or co-developed another 18 commercial hybrids and four inbred lines receiving plant variety protection.

Troyer is a fellow of the American Association for the Advancement of Science, the American Society of Agronomy and the Crop Science Society of America. He received the National Council of Commercial Plant Breeders' Breeding and Genetics award and is past president of the Agricultural Research Institute.

Troyer retired in 1993 from DEKALB and is currently breeding corn for Cargill Hybrid Seeds in Minneapolis.

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4/16/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Attorney General Janet Reno will present the award to program director Jamie Tiedemann on Wednesday, April 22, in Washington, D.C.

U OF M PROGRAM AGAINST SEXUAL VIOLENCE WINS NATIONAL AWARD

The U.S. Department of Justice has notified the University of Minnesota's Program Against Sexual Violence that it will be a recipient of one of the 1998 Crime Victim Service Awards. Attorney General Janet Reno will present the award to program director Jamie Tiedemann at 1:30 p.m. Wednesday, April 22, in the Office of Justice Programs within the U.S. Department of Justice.

The program, which serves victims of crime through partnerships, programming and services, provides year-round, 24-hour crisis response. Last year, the program served more than 200 victims and survivors, while program peer educators reached an additional 20,000 students, staff and faculty. The program is known nationally as a model for crime-victim service and is being emulated by colleges and universities across the country.

"Our program is exemplary because we have been fortunate to have unconditional support from the university administration as well as other programs and individuals on campus who have been steadfast in their dedication to addressing and preventing violence and abuse," said Tiedemann. "The program will always be passionate and dedicated to developing innovative methods and partnerships on behalf of all crime victims."

The university's Program Against Sexual Violence is one, if not the only, sexual assault/family violence advocacy program at a college or university in the nation that is a free-standing unit with a fully funded financial base.

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4/17/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**RAPTORS INJURED IN TORNADO RECOVERED,
TO BE SET FREE IN ST. PETER, MINN.**

Three red-tailed hawks injured during the March 29 tornado that hit southern Minnesota have been treated at the University of Minnesota Raptor Center and will be released back to freedom at 11 a.m. Monday, April 20, in St. Peter, Minn. The release will be held in Gorman Park, across from John Ireland School, 618 S. 5th St., near the remains of the Catholic church.

Single hawks will be released from St. Peter's South Elementary School and North Intermediate School at 9 and 10:15 a.m., respectively, that same morning.

These are the first of 11 birds recovering from storm-related injuries at the University of Minnesota Raptor Center. Most suffered surface abrasions and lacerations; two of the birds had broken wings. The most serious cases were a few red-tailed hawks that suffered severe frostbite-like symptoms due to the intense frigid temperatures they encountered as they were literally pulled up into the storm to altitudes where -30 F temperatures quickly froze any exposed skin. These birds lost their legs and had to be euthanized. More information about other tornado cases at the Raptor Center is available at the center's Web site, <http://www.raptor.cvm.umn.edu>.

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4/17/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

WELFARE TO WORK THEME OF APRIL 22 U OF M MIDWAY JOB FAIR

From Welfare to Work will be the focus of this year's St. Paul Midway Job and Opportunity Fair from 2:15 to 7 p.m. Wednesday, April 22, at the Ronald M. Hubbs Center, 1030 University Ave., St. Paul.

The fair, free to the public, is sponsored by the University of Minnesota Opportunity Fair Committee and University UNITED, a St. Paul community nonprofit coalition of citizens and businesses along a 5.5-mile stretch of University Avenue that promotes economic development. More than 40 vendors offering job opportunities in many fields will be present. A workshop will be held from 1 to 2 p.m. for people who are re-entering the work force or entering the work force for the first time.

"We have employers coming in who are looking to tap into an underutilized resource of people transitioning off welfare," University UNITED director Irene Rodriguez said. "The entire Midway community is working with Ramsey County to get people on welfare employed."

Proceeds from the job fair will go toward Model Cities Youth Employment Initiatives and St. Paul food banks.

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Bob San, University News Service, (612) 624-082

4/21/98

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Media Note: To download a print-quality picture of U of M President Mark Yudof, simply go to www.umn.edu/urelate/newsservice/inaug/yudofbio.html

U OF M PRESIDENT YUDOF TO VISIT NORTHFIELD APRIL 30

University of Minnesota President Mark Yudof will meet with community leaders and students when he visits Northfield Thursday, April 30.

Yudof, president of the university since July 1, 1997, has visited more than 40 cities in the first nine months of his presidency in an effort to learn more about the state. On this trip, he intends to become acquainted with the people of Northfield and strengthen the university's ties with K-12 students and educators.

Highlights of Yudof's April 30 itinerary:

- 11:15 to 11:45 a.m.--Visit Historical Society Museum.
- Noon to 1:15 p.m.--Give keynote address at rotary luncheon at Northfield Golf Club.
- 1:15 to 1:30 p.m.--Chat with guests and reporters from Northfield News and KYMN radio.
- 1:45 to 3 p.m.--Attending roundtable discussion at Northfield High School with students and leaders of technology-oriented businesses in the Northfield area about technology education and employers' needs for an educated work force.

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4/21/98**

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

UNIVERSITY OF MINNESOTA MAY STARWATCH

by Deane Morrison

If you're a night person who likes to watch the stars and planets before going to bed, the May sky throws you a curve--all the bright planets appear in the morning. On the other hand, they aren't necessarily high and spectacular enough to warrant an early exit from the sack. So stick with the evening sky; it's still studded with bright stars and star clusters, plus the first wave of summer constellations.

Jupiter, Venus, Saturn and Mercury rise in that order during the predawn hours. Venus, having briefly paired with Jupiter last month, repeats the show with Saturn on the morning of the 29th. After that, Saturn will bypass Venus and start rising earlier than the queen of planets. If you're up that early, you might find the Great Square of Pegasus floating above the string of planets. But don't expect to see Mercury--it rises too close to the sun.

Mars reaches conjunction with the sun on the 12th. On that day the planet passes directly behind the sun and moves from the evening sky to the morning sky. It will be months before the red planet gets high enough for ordinary observers to see, however.

A waning crescent moon visits the morning planets between the 21st and the 23rd. Full moon comes at 9:30 a.m. CDT on the 11th, so either the night before or the night after would be a good time to see it nearly full. The full moon of May is called variously the planting moon, the milk moon or the flower moon, and it should be a handsome sight. Every year, as we approach the summer solstice, full moons get lower in the sky. This is really nice for full moon fans who prefer a softly lit orb hanging against a pale sky. It's a welcome change from the full moons of winter, which rise against a dark sky and shine very brightly.

May Day marks not only an international workers' holiday but the old Celtic holiday Beltane. On this day the Celts celebrated the beginning of the light half of the year, when the nasty spirits that had come out on Halloween--the Celtic holiday Samhain (Sow-en)--were banished for six months. Astronomically, it occurs about the time when the sun is halfway between the spring equinox and the summer solstice.

Now for the promised star clusters. The Beehive, in Cancer, is close to the western horizon but still visible, right between the Gemini twins to the west and the Sickle of Leo to the east. East of Leo, the Coma Berenices (Berenice's hair) cluster is high in the south during the prime viewing hours of mid-evening, sandwiched between the hind end of the lion and the bright star Arcturus in Bootes, the herdsman. Moving even farther east, superbright Vega is entering the evening sky.

Vega, a young bright star only about 26 light-years away, made the news recently when astronomers discovered rings of dust around it and two other stars. The dust forms a huge disk that may contain planets. Such a disk is believed to have encircled the sun billions of years ago, before the planets formed and swept up the dust with their gravity. The other two stars found encircled by disks are Fomalhaut, which is visible to us in the fall below the Great Square of Pegasus, and Beta Pictoris, in the southern constellation Pictoris (the painter's easel). Whether planets actually orbit these stars remains an open question.

On May evenings the Milky Way is wrapped around the horizon, which makes it hard to see. But perhaps you can see some of it in the northeast, around the bright star Deneb. Deneb, the brightest star in Cygnus, the swan, forms the Summer Triangle with Vega and Altair. Altair, the last of the three to rise, lies in the constellation Aquila, the eagle.

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Starwatch is a monthly guide to the night sky in the Upper Midwest. For a taped version from the University of Minnesota astronomy department, call (612) 624-2001.

Contact:

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4/23/98**

Starwatch is also on the WWW at <http://www.umn.edu/urelate/news.html>.

Media note: Samuels can be reached in Washington. Contact Jim Thielman at (612) 624-0214.

U OF M PSYCHOLOGY PROFESSOR IN WASHINGTON D.C. FOR READING PANEL

S. J. Samuels, a professor in the University of Minnesota's department of educational psychology has been named to a Congressionally-mandated, 15-member National Reading Panel. Samuels will be in Washington, D.C. Friday, April 24 for the panel's inaugural meeting

The panel will study approaches to more effective methods of teaching children to read. The panel will ultimately report on the best ways to apply the findings in home and classroom settings.

Samuels is an internationally respected reading researcher who has consulted with inner-city schools on the subject of reading. He is a member of the Reading Hall of Fame and recipient of the university's College of Education Distinguished Teaching Award.

The National Reading Panel was requested by Congress and created by the director of the National Institute of Child Health and Human Development (NICHD) in consultation with the secretary of education. The panel includes prominent reading researchers, teachers, child development experts, leaders in elementary and higher education, and parents.

The panel will build on recently announced findings presented by the National Research Council's Committee on the Prevention of Reading Difficulties in Young Children. The panel will review the findings and determine how quickly any of the research studies can be applied in the classroom. It will also identify gaps in reading instruction and determine the best ways to close those gaps.

The panel is expected to meet several times this summer and report its conclusions to the secretary of health and human services, the secretary of education, and to appropriate congressional committees.

The 15 members of the panel were selected from among 300 nominations.

"Each panel member brings substantial experience and significant contributions in their respective field to this task," said Duane Alexander, director of the NICHD.

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4/23/98**

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Don Riley will be available through May 15 at (612) 626-9816.

DON RILEY, U OF M CHIEF INFORMATION OFFICER, ACCEPTS MARYLAND POST

Donald Riley, the University of Minnesota's chief information officer (CIO) in charge of the effective use of information technology across the university, has accepted a position as associate vice president and chief information officer at the University of Maryland.

Riley has been on the university's mechanical engineering faculty since 1976, specializing in computer graphics and computer-aided design. He was named CIO in June 1997 after serving as acting director of the Office of Information Technology since October 1995. He helped merge three university information technology organizations into what became the OIT.

During his nearly six years in central administration, Riley helped position the university as a regional and national leader in the use of innovative technology. He helped make the university among the first in the nation to introduce universal e-mail and Internet access for all faculty, staff and students at the Twin Cities campus. He also initiated and implemented alumni e-mail and Internet access, with more than 5,000 alumni now connected electronically to the university.

Riley helped the university become a charter member of the IBM Global Campus initiative, Gov. Arne Carlson's "Virtual U Minnesota" initiative and the national Internet2 initiative. He was also co-director of "Access Minnesota," a project providing Internet connectivity and public access stations in 60 University of Minnesota Extension Service offices. During his tenure, the university became one of the first four universities nationwide to connect to the national supercomputing center system.

"Dr. Riley has served the institution well," said Bob Bruininks, U of M executive vice president. "We wish for him continued success and personal and professional satisfaction as he faces the new challenges and opportunities the position in Maryland will present. He will be missed."

Riley is chair of the board of trustees for Educom, a national nonprofit consortium of colleges and universities that facilitates management of information resources in higher education. He is also a member of the steering committee for the United Nations Global Trade Point Network Initiative in Minnesota, which advances Minnesota's business presence in the global economy.

He also serves on the board of directors of numerous state and local councils that focus on telecommunications and information technology.

Riley will leave his post at the university April 30.

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News releases also on WWW at <http://www.umn.edu/urelate/news.html>

ETHNIC STUDIES TOPIC OF THREE-DAY CONFERENCE AT U OF M

The University of Minnesota's Afro-American, American Indian and Chicano studies departments will host a conference, "Into the 21st Century—Ethnic Studies in the State and Nation," beginning Thursday, April 30, and continuing through Saturday, May 2, in the Humphrey Institute's Cowles Auditorium on the university's west bank.

While Afro-American, American Indian and Chicano studies have been offered at the university for nearly 30 years, there has been no real assessment of these fields, said Rose Brewer, Afro-American and African studies chair and conference organizer. The collaborative, interdisciplinary conference will examine emerging issues of these and other ethnic departments and programs and the students and communities they serve.

"This conference is an undertaking that is long past due in the state of Minnesota," said Brewer. "There are remarkable demographic changes in the state and the nation in the midst of the coming of intellectual age of these fields. This conference fills a gap in our understanding of ethnic studies."

Conference participants include Mary Romero, School of Social Justice, Arizona State University; Jack Briggs, Fond Du Lac Tribal and Community College; Mahmoud El-Kati, history department, Macalester College; and Cecilia Martinez, public policy department, Metropolitan State University. Participants from the university include John Wright, Afro-American and African studies; Samuel Myers, Jr., Wilkins Center on Human Relations and Social Justice; Guillermo Rojas, Chicano studies; Angelita Reyes, women's studies and Afro-American and African studies; and David Roediger, American studies.

To register, call (612) 624-9847 or visit <http://www.umn.edu/afroam> on the Web.

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4/28/98

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DONNA PETERSON TO BE APPOINTED INTERIM VP AT U OF M

Donna Peterson, director of state relations at the University of Minnesota, will become the university's interim vice president for institutional relations on May 1, subject to approval by the board of regents. University President Mark Yudof, in announcing the appointment, said Peterson will serve until a permanent replacement is found for Tom Swain, who is retiring after two years as acting vice president.

The vice president for institutional relations has management responsibility for local, state and federal government relations, public relations, alumni relations, development and media relations. Swain, 76, took over the position in July 1996, when he agreed to serve for the final year of Nils Hasselmo's presidency. He extended his stay through the 1998 state legislative session at Yudof's urging.

"Tom Swain is a genuinely wise man," said Yudof. "The advice I've gotten from him has worked, 100 percent of the time. The loyalty and dedication he has shown to his alma mater is inspirational."

As director of state relations since 1990, Peterson has been the university's principal lobbyist at the state Legislature, responsible for coordination of the university's systemwide state government relations strategy. Before that she spent a decade in the Legislature—two years as a representative and eight years as a Senator—representing districts in south Minneapolis. She received a bachelor's degree from the university in 1971.

"I'm confident that Donna Peterson will provide very capable leadership while the search for a permanent vice president for institutional relations is under way," Yudof said. "Her performance as director of state relations for the past eight years has been outstanding, particularly during the most recent legislative session, which resulted in unprecedented state support for the university."

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4/28/98

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WILD AND CRAZY PHYSICISTS TO PERFORM IN NORTHPROP MAY 7

Those who missed the Physics Force performance during October's inaugural festivities for University of Minnesota President Mark Yudof get another chance to see the laws of physics in action at 7:30 p.m. Thursday, May 7, when the troupe again invades Northrop Auditorium. The show is free and suitable for all ages.

A nonstop parade of daring, clever and sometimes goofy demonstrations, the show illustrates how the laws of physics govern the behavior of ordinary objects in everyday life. Among the simplest acts are vivid demonstrations of the different locations of women's and men's centers of gravity and the reason eggs break if thrown against a hard surface but not if tossed onto a bed sheet. The show also features several don't-try-this-at-home stunts that illustrate:

- What happens when a person is dropped from a gantry just as a billiard ball is shot at him;
- Why it doesn't hurt to lie on a bed of nails while a concrete block is placed on your chest and smashed;
- How to propel yourself on a cart using a fire extinguisher;
- How to aim a cannon for maximum range; and
- How to collapse a 55-gallon steel drum.

The Physics Force comprises University of Minnesota physics professor Dan Dahlberg and high school physics teachers Jon Barber (Mounds View, retired), Hank Ryan (Mounds View), Jack Netland (Maple Grove), Aaron Pinsky (Kennedy [Bloomington]) and Fred Orsted (Maple Grove). The group has performed twice at Epcot Center and has received funding to produce six shows a year at the university and at state high schools.

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4/29/98

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CAROL CARRIER NAMED U OF M VICE PRESIDENT FOR HUMAN RESOURCES

Carol Carrier, acting vice president for human resources at the University of Minnesota since July 1997, has been appointed vice president for human resources effective Wednesday, April 29, pending approval by the board of regents. This is the first time the university has had a vice presidential position for human resources.

The vice president for human resources, charged with attracting, developing and retaining a productive and diverse work force, is also responsible for managing and overseeing employee benefits, employee relations and compensation, human resource information systems, training and development and university employment policies.

"Dr. Carrier brings a wealth of experience to this position, including her many years as associate vice president for human resources and as a professor in the College of Education and Human Development," said university President Mark Yudof. "I am confident that Dr. Carrier will continue to provide outstanding leadership in the area of human resources at the University of Minnesota."

Carrier, who has served as an assistant and associate dean in the College of Education and as an assistant vice president and associate vice president for human resources, has a bachelor's degree in psychology from the University of Minnesota-Duluth and a master's degree in early childhood education and a doctorate in instructional design from Syracuse University.

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4/29/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Mark Snyder's report will be released May 13. Copies are available from Aggregate Ready-Mix Association of Minnesota (612) 333-6882 or 888-REDIMIX (733-4649) for a small fee.

NEW U OF M REPORT EXAMINES WINTER'S EFFECT ON CONCRETE PAVEMENT

A new report explains why some concrete driveways and slabs in Minnesota rapidly deteriorated during the winter of 1996-97. Written by University of Minnesota associate civil engineering professor Mark Snyder, with contributions by researchers at American Engineering Testing, Braun Intertec and the Minnesota Department of Transportation, the report analyzes why some fairly new driveways, patios and other concrete slabs experienced random cracking, mortar flaking, premature scaling and popouts.

Scaling occurs when the top layer of concrete flakes off. Mortar flaking is similar in appearance to scaling, but occurs over individual aggregate particles. Popouts occur when certain types of saturated rocks freeze, expand and pop out of the concrete, leaving small defects in the surface.

Local consulting firms tested nearly 100 concrete samples of pavement from across the state. Snyder based his report on the results, focusing on samples collected by the Aggregate and Ready-Mix Association of Minnesota.

The winter of 1996-97 was one of the more severe Minnesota has suffered. Snyder said November 1996 was very wet, then it immediately got very cold. "It could have taken several years of more typical winter weather for some of these failures to show up," Snyder said. "But if you have a real severe winter with long periods of extreme cold, these types of problems show up much more rapidly, especially if the concrete is saturated when it freezes."

Inadequate air entrainment was one of the many reasons cited for failure of some concrete paving surfaces. Snyder said some microscopic air bubbles are needed in concrete to provide "good freeze-thaw durability." He said there was an inadequate amount of air at the surface of nearly half the samples he examined. This suggested possible finishing problems in some cases and mix design problems in others. Snyder concluded there might have been inadequate curing in some cases where the concrete was not allowed to gain adequate strength before it was subjected to freezing temperatures.

"In some cases," Snyder said, "the mixes had higher amounts of water or lower amounts of cement than they should have had, given our climate. There wasn't any one factor that you can point to in all of the cases. The weather kind of kicked it all off. "

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Media Note: To download a print-quality picture of U of M President Mark Yudof, go to www.umn.edu/urelate/newsservice/inaug/yudofbio.html

U OF M PRESIDENT YUDOF TO VISIT INTERNATIONAL FALLS, WARROAD, ROSEAU MAY 12

University of Minnesota President Mark Yudof will meet with community leaders and students when he visits International Falls, Warroad and Roseau Tuesday, May 12.

Yudof, president of the university since July 1, 1997, has visited more than 50 cities in the first 10 months of his presidency in an effort to learn more about the state. On this trip, Yudof will be accompanied by wife Judy, regents Bob Bergland and Warren Larson as he tours local businesses such as the Boise Cascade Corp. and Marvin Windows.

Highlights of Yudof's May 12 itinerary:

International Falls

- 9 to 10 a.m.--Visit Boise Cascade facility and talk with U researchers about fiber farming.
- 10:15 to 11 a.m.--Visit Rainey River Community College and observe fiber research at the college.
- 11 to 11:15 a.m.--Meet with media representatives at Rainy River Community College.
- 11:30 a.m. to 1:15 p.m.--Reception and lunch at the Holiday Inn with local leaders and alumni.

Warroad

- 2:15 to 3 p.m.--Tour Marvin Windows facility.
- 3 to 4 p.m.--Reception for local leaders at Marvin Windows plant.
- 4 to 4:15 p.m.--Media availability at reception.

Roseau

- 5 to 6 p.m.--Meet with area business leaders at Four Seasons Center.
- 6 to 8 p.m.--Dinner with area leaders and alumni at Four Seasons Center.

**Contact: Kathy Yeager, Institutional Relations, (612) 624-5841
5/4/98**

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STEPHEN BIKO REMEMBRANCE MAY 6 AND 7; WIFE AND SON TO SPEAK AT U

The wife and son of anti-apartheid activist Stephen Biko will speak at the University of Minnesota from noon to 1:15 p.m. Thursday, May 7, in Coffman Union Theater. Nontsikelelo (Ntsikie) Biko, and her son, Nkosinathi, continue to face the leaders of apartheid and challenge the public accounts of their husband and father's death. Ntsikie Mashalaba of Umtata, South Africa, and Stephen Biko were married in 1970. They lived in King William's Town, about an hour from the South African town of East London. They had two sons.

On September 6, 1977, Stephen Biko was arrested by the South African Security Police for his outspoken position on apartheid. He was kept naked, handcuffed, put into leg irons, chained and subjected to 22 hours of interrogation, during which he was tortured and beaten. He received severe blows to the head and lapsed into a six-day coma.

On September 12, 1977, Stephen Biko died in police custody. He was 30 years old.

Ntsikie Biko currently works as a nurse at a hospital in Kings William's Town. Nkosinathi Biko, the older son, works in Johannesburg and has produced a documentary about his father's life. *Stephen Bantu Biko: Beacon of Hope* will be shown at noon, 1 p.m., 2 p.m. and 3 p.m. Wednesday, May 6, in Room 325/326 Coffman Union. *Cry Freedom*, a tribute to the cause that Stephen Biko personified, will be shown at 4 p.m. Wednesday in Coffman Union Theater.

All Stephen Biko events are free and open to the public. Coffman Union is located at 300 Washington Avenue S.E. in Minneapolis.

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5/4/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**SECRETARY OF STATE ALBRIGHT TO SPEAK AT
U OF M LIBERAL ARTS COMMENCEMENT JUNE 14**

Secretary of State Madeleine Albright will give the keynote address at commencement ceremonies for the University of Minnesota's College of Liberal Arts (CLA) Sunday, June 14. More than 10,000 people, including about 1,000 graduates and their families and friends, are expected to attend. Details regarding the exact time and place are still being worked out.

Albright became America's 64th secretary of state in January 1997. She is the first woman to hold the position and is the highest ranking woman in the U.S. government. Prior to her appointment, Albright served as the United States permanent representative to the United Nations and as a member of President Clinton's Cabinet and National Security Council. She has also been a professor at Georgetown University, where she directed the Women in Foreign Service Program and taught courses in international affairs, foreign policy and Central and Eastern European politics.

Albright has a bachelor's degree from Wellesley College and master's and doctoral degrees from Columbia University.

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Bill Brady, University News Service, bbrady@mailbox.mail.umn.edu, (612) 625-8510

5/4/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Ferraro will be available for interviews after the commencement ceremony. Call (612) 625-6584.

GERALDINE FERRARO TO SPEAK AT U OF M LAW SCHOOL COMMENCEMENT MAY 9

Geraldine Ferraro, the first female vice-presidential candidate on a national party ticket, will deliver the commencement address to graduates of the University of Minnesota Law School at 2 p.m. Saturday, May 9, in Northrop Auditorium on the Minneapolis campus.

Ferraro was elected to Congress from New York's Ninth Congressional District in Queens in 1978 and served three terms in the House of Representatives. In Congress, she sponsored the Women's Economic Equity Act, which ended pension discrimination against women, provided job options for homemakers and enabled homemakers to open IRAs. In 1984, Ferraro earned a place in history as the running mate of presidential candidate Walter Mondale.

In 1994 President Clinton appointed Ferraro the U.S. ambassador to the United Nations Human Rights Commission where, among other things, she encouraged the first investigation examining violence against women worldwide. She was a delegate to the World Conference on Human Rights in Vienna in 1993 and served as vice-chair of the U.S. Delegation at the Fourth World Conference on Women in Beijing in September 1995.

Ferraro has also served as co-host of CNN's political interview program, Crossfire. She was a managing partner of the New York office of Keck, Mahin & Cate, a Chicago-based law firm, which she left in 1994.

She currently serves as a board member of the Fordham Law School Board of Visitors, the New York Easter Seal Society, the National Italian American Foundation, the Board of Advocates of the Planned Parenthood Federation of America, the Board of Advisors of the National Breast Cancer Research Fund and the Pension Rights Center.

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5/4/98

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U OF M REGENTS TO GET FIRST LOOK AT 1998-99 BUDGET FRIDAY

The University of Minnesota board of regents will discuss proposed 1998-99 operating and capital budgets aimed at implementing President Mark Yudof's long-range plan to maintain and enhance the university's quality and reputation on Friday, May 8.

The 1998 Legislature appropriated \$35.5 million in new money. The administration recommends that the funds support the following:

- new academic investments
- faculty setup and equipment
- classroom improvements
- compensation for faculty and staff

Yudof proposes that tuition revenue increases from undergraduate rate changes be held to an average of 3 percent on the Twin Cities and Crookston campuses and 4.3 percent on the Duluth and Morris campuses.

Merit and market competitiveness will be prime considerations for pay increases. The salary pool distributed by central administration will be increased by 6 percent for faculty and 4 percent for staff who are neither civil service nor bargaining unit. Individual units are being strongly encouraged to find an additional 1- to 2-percent from their own resources.

Here are the schedule of committee meetings and a sample of agenda items:

Thursday, May 7

- 8 a.m. Audit, 238 Morrill. Action on new internal controls policy.
- 9:45 a.m. Facilities, 300 Morrill. Action on schematic plans for Walter Library Technology Center, Molecular Materials addition to Amundson Hall and new women's softball complex.
- 9:45 a.m. Faculty, staff and student affairs, 238 Morrill. Action on annual promotion and tenure recommendations.
- 2 p.m. Committee of the whole, 238 Morrill. Update on plans for South Mall renovation.

Friday, May 8

- 9:30 a.m. Committee of the whole, 238 Morrill. Review of 1998-99 capital and operating budgets.
- Noon. Board of regents, 238 Morrill.

Contact:

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5/5/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Media are invited to the reception. Interviews and live demonstrations can be arranged on May 11. Contact exhibition chair Robin Murphy, (303) 273-3874.

SCIENCE FICTION MEETS SCIENCE FACT IN U OF M-SPONSORED ROBOTICS EVENT

Demonstrations involving robot puppies will be among the highlights at the Robotics Exhibition reception from 6 to 8 p.m. Monday, May 11, at the Hyatt Regency Hotel, 1300 Nicollet Mall in Minneapolis. The reception is part of the 1998 International Conference on Autonomous Agents, sponsored by the computer science department at the University of Minnesota.

The robot pups will respond to commands and touch, chase balls, and perform other stunts. A robot waiter will serve hors d'ouerves. Another focus will be on how robots can be used in education.

Also during the reception, Lois McMaster Bujold, winner of numerous awards in science fiction, will be on hand to meet a miniature search and rescue robot named in her honor. The "Robot Bujold" is one of many intelligent mobile robots which will be interacting with the crowd.

As part of the Autonomous Agents conference, demonstrations of 25 software agent systems will be held the afternoons of Tuesday, May 12, and Wednesday, May 13. Autonomous agents are basically software applications that can initiate their own decisions. There will be numerous agents that will help people search the World Wide Web, plus The "Deep Space 1 Remote Agent," an autonomous agent system from NASA Ames Research that will control a space probe to be launched this year. The demonstration will simulate a space mission in real time. "Virtual Petz," which are synthetic dogs and cats, will also be presented.

Last year, 500 delegates attended the event, which was covered by CNN and *The New York Times*. Media passes are available from exhibition chair Robin Murphy. The preliminary program for the entire conference is available at <http://www.cis.udel.edu/~agents98/>. Media will have access to all events.

Contacts:

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5/6/98

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Media note: President Mark Yudof will be available for interviews before and during the event. Call Jim Thielman, University of Minnesota News Service, (612) 624-0214.

PERFECT PANCAKE SEARCH CONTINUES MAY 18 AT GOLDEN GOPHER COOK-OFF

University of Minnesota President Mark Yudof--who has sampled pancakes in many of the 50 Minnesota cities he has visited--will be among the judges at the Golden Gopher Pancake Cook-off Monday, May 18, from 1 to 6 p.m. in the North Star Ballroom of the St. Paul Student Center. In conjunction with the cook-off, a pancake feed in the Terrace Dining Room of the student center will be held from 3 to 7 p.m. The public is invited to enjoy buttermilk and whole wheat pancakes, sausage, juice and coffee for \$1 a serving. Proceeds and donations will go to the scholarship funds in the College of Agricultural, Food and Environmental Sciences (COAFES).

Yudof, COAFES dean Mike Martin, U of M students and local celebrities will judge the competition, but the public also has a voice. Anyone can "graze" the entries and vote for the People's Choice Award. Among the recipes entered and available for sampling will be creamy blueberry, chocolate buckwheat, not-half-bad blueberry, sweet potato and a pancake that includes cottage cheese.

Among those sizzling toward the best mouth-watering flapjacks will be a 10-year-old who has corresponded with Yudof about pancakes and is participating as part of a school project, and Hy Rosen of Crystal Bell Dining, who donates all proceeds from his restaurant to feed senior citizens on fixed incomes. Other entrants include B and B Cafe of Albert Lea, Whole Grain Milling Company of Welcome, Homestead Mills of Cook, University Embers of St. Paul, Bloomington Area Shrine Club and Famous Dave's.

A free shuttle bus named "Pancake Express" will run to the St. Paul Student Center every 10 minutes from U of M parking Lot S108, adjacent to the State Fairgrounds. Signs beginning at the intersection of Commonwealth and Cleveland will direct visitors to the parking area.

The Golden Gopher Pancake Cookbook featuring recipes from entrants will also be available.

Major event sponsors include General Mills, Sparboe Farms and Cenex/Land O'Lakes.

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5/7/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

REGENTS TO SEEK COMMENT ON U OF M BUDGET AT OPEN FORUM

The University of Minnesota board of regents will hold an open forum to hear opinions on the proposed 1998-99 budget and related issues from 10 a.m. to noon Thursday, May 28, in the Coffman Union Theater on the Twin Cities campus.

The proposed budget includes \$87.5 million in new money, much of which is earmarked for new faculty hires and other support in five key academic areas identified by President Mark Yudof as crucial to the university's future. Tuition revenue increases from undergraduate rate changes would be held to an average of 3 percent on the Twin Cities and Crookston campuses and 4.3 percent on the Duluth and Morris campuses. The salary pool from central administration would be increased by 6 percent for faculty, 4.75 percent for civil service employees and 4 percent for professional and administrative staff.

The spending plan is scheduled for a vote by the regents on June 12. Copies of the proposal are available at the board office in 220 Morrill Hall.

The forums are open to anyone who wants to address the regents. Those interested are asked to write or call the board office by noon Monday, May 25. The address is 220 Morrill Hall, Minneapolis, MN 55455, and the phone number is (612) 625-6300. Please include your name, address, phone number, topic you wish to address and group affiliation (if any).

Speakers will have five minutes to make their statements. If the number of speakers exceeds the time available, board officers will balance the list of speakers to ensure that all points of view are adequately represented.

Contact:

**Bill Brady, bbrady@mailbox.mail.umn.edu, (612) 625-8510
5/8/98**

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: James Gee is available for interviews at (608) 263-5980 or (608) 238-4229.

RESEARCHER, AUTHOR GEE EXPLORES 'WHY READING AND WRITING ARE HARD'

Although statewide reading test scores have shown improvement among Minnesota eighth-graders, controversy still surrounds the testing process and approaches to teaching. James Gee, professor of reading at the University of Wisconsin-Madison will present a lecture, "Why Reading and Writing are Hard," at 3:30 p.m. Wednesday, May 20, in the Shepherd Room of the University of Minnesota's Frederick R. Weisman Art Museum.

Gee is a nationally renowned researcher and author of three books. He has directed numerous community and school-based research projects and publications that explore the sociocultural and political dimensions of language, literacy and critical theory. His presentation will focus on popular controversies in the current debates that surround the teaching of reading in public schools. He will also emphasize literacy issues that affect minority and lower-income students.

The event is co-sponsored by the Center for Research on Developmental Education and Urban Literacy (CRDEUL) and funded by the university's graduate school. CRDEUL is a collaboration among staff and faculty in the General College, the College of Education and Human Development, and Disability services. The center supports research projects and connects individuals working with these issues on campus and in the community. It sponsors free, monthly research forums throughout the academic year.

The lecture and following reception in the adjacent Fiterman Gallery are free and open to the public.

Contacts:

Dana Britt Lundell, CRDEUL coordinator, (612) 626-8706

Jim Thielman, University News Service, thielman@mailbox.mail.umn.edu, (612) 624-0214

5/12/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**U OF M FACULTY TO THANK GOVERNOR, LEGISLATURE FOR APPROPRIATION
AT NORTHROP MALL CELEBRATION WEDNESDAY, MAY 20**

University of Minnesota faculty and student leaders will express appreciation to Gov. Arne Carlson and leaders of the state Legislature during a "Celebration of the University's Historic Renewal" on Wednesday, May 20, on Northrop Plaza. The collective thank-you is in recognition of record-setting generosity toward the university in the recently completed legislative session. In case of rain, the event will be held inside Northrop Auditorium.

Festivities begin at 11:30 a.m. with an ice cream giveaway, followed at 12:30 p.m. by the presentation of certificates of appreciation to the state's political leaders and university President Mark Yudof. The event is sponsored by several colleges within the university and the University Senate, whose members represent faculty and students from all four campuses.

The 1998 Legislature appropriated \$206.8 million in capital bonding, the highest amount ever, to be used for more than a dozen projects, including remodeling of Walter Library on the Twin Cities campus to incorporate a Digital Technology Center, a state-of-the-art library on the Duluth campus, a science and mathematics building on the Morris campus and modernization of Murphy Hall, home to the School of Journalism and Mass Communications in the Twin Cities.

In addition to the bonding package, the university's operating budget received \$36 million in supplemental funding, much of which will support the hiring of faculty and research staff in key academic areas.

"The faculty and student body very much appreciate the confidence in the university demonstrated by the governor and the legislature," said physics professor and faculty legislative liaison Marvin Marshak. "The historic renewal of the university, begun this year, will yield dividends to the people of Minnesota for generations to come."

Contact:
Bill Brady, bbrady@mailbox.mail.umn.edu, (612) 625-8510
5/12/98

News releases also on WWW at www.umn.edu/urelate/news.html

G. EDWARD SCHUH NAMED REGENTS' PROFESSOR AT U OF M

G. Edward Schuh, Freeman Chair of International Trade and Investment Policy at the University of Minnesota's Humphrey Institute of Public Affairs, has been named a Regents' Professor—the university's highest faculty honor.

Schuh was dean of the Humphrey Institute from 1987 through 1997. He now directs the Humphrey Institute's Freeman Center for International Economic Policy and concentrates his work in the areas of agricultural and economic development policy, international trade and investment policy and science and technology policy. He chairs the U.N.'s Board for Food and Agricultural Development, a presidential appointment. He is a fellow of the American Academy of Arts and Sciences, the American Association for the Advancement of Science and the American Agricultural Economics Association.

Schuh headed the university's agricultural and applied economics department from 1979 to 1984. He was a professor of agricultural economics at Purdue University from 1959 through 1979, while also serving as program adviser to the Ford Foundation in Brazil and Latin America. He was a senior staff economist with the Council of Economic Advisers in the Ford administration and deputy undersecretary of agriculture for international affairs and commodity programs in the Carter administration. Schuh also was director of agriculture and rural development in the World Bank.

The Regents' Professorship was established in 1965 to recognize the national and international prominence of University of Minnesota faculty. It recognizes faculty who have uniquely contributed to the university's quality through distinguished accomplishment in teaching and scholarship or creative work with contributions to the public good. The professorship includes a \$10,000-per-year stipend.

There are 20 Regents' Professorships. Schuh replaces Dominick Argento, a school of music professor who retired in December.

Contacts:

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Mike Nelson, University News Service, (612) 626-7701, mnelson@mailbox.mail.umn.edu

5/12/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

HOTTEST ART IN TOWN; U OF M IRON POUR FRIDAY, MAY 15

Beginning at noon Friday, May 15, a Niagara of white-hot molten iron will cascade from crucibles into molds created by art students in the cast metal sculpture class at the University of Minnesota. The annual iron pour will take place at the Foundry Annex in back of the university's art building, 216 21st Ave. S., on the west bank of the Minneapolis campus. Long pants, heavy leather shoes and aprons, asbestos gloves and helmets with face plates will be the order of the day.

The iron pouring is an all-day affair. Furnaces will be fired up at 9 a.m. and will take about three hours to get hot enough. The pouring will last until about 4 p.m. Students will begin breaking open the molds at about 5 p.m. and will present an exhibit of the completed cast-iron sculptures until 6 p.m. in the art building's mezzanine gallery.

The iron used in the pouring comes from melted radiators, four tons of which were smashed into small chunks and dumped into a furnace. At the pouring, the liquid iron will be re-heated to 2,500 degrees F. A drop of it could carbonize human skin.

Contact:

Wayne Potratz, Department of Art chair, (612) 625-8096

J.B. Eckert, jeckert@mailbox.mail.umn.edu, (612) 624-5228

5/13/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M TECHNOLOGY CONFERENCE SCHEDULED FOR TEACHERS, BUSINESSES

The University of Minnesota's 1998 Technology Enhanced Learning (TEL) Conference from 9 a.m. to 4 p.m., Wednesday, May 20, at Coffman Union will feature more than 75 university faculty, student and staff teams displaying innovative projects designed to help businesses upgrade their workers' skills. The conference also will help K-12 faculty learn how to connect themselves and their students to university technology resources.

Conference exhibits and sessions will offer examples of new teaching and learning methods, allow visitors access to World Wide Web learning resources and provide information on Internet and multimedia tools. Visitors also will learn about Internet2, which is projected to operate 100 times faster than current Internet connections.

University President Mark Yudof will present the TEL Innovation Awards at 9 a.m., followed by a speech from state Sen. Steve Kelly of Hopkins.

Concurrent sessions on TEL development processes, including a program for K-12 teachers, will run from 10 to 11:30 a.m., with exhibits from noon to 4 p.m. A 75-minute panel presentation "How To Make It Happen," is scheduled for 1:15 p.m.

Directions and parking information for Coffman Union on the east bank of the university campus in Minneapolis are available at www.umn.edu/tc/maps/CMU.

Contacts:

Sue Engelmann, Office of the Executive Vice President and Provost, (612) 624-3608
Jim Thielman, University News Service, thielman@mailbox.mail.umn.edu, (612) 624-0214

5/13/98News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Reporters and photographers are welcome to attend Science Day. Call Jenny Cordina, (612) 378-9244 or Jim Thielman, (612) 624-0214.



U OF M WOMEN'S GROUP PLANS 'SCIENCE DAY' FOR SIXTH-GRADE GIRLS

Members of a University of Minnesota technical studies sorority will create laboratory quicksand to show sixth-grade girls the properties of structural stability and form chocolates with injection molding as part of their annual Science Exploration Day Saturday, May 16, beginning at 9 a.m. in the Electrical Engineering and Computer Science (EECS) building on the Minneapolis campus.

Alpha Sigma Kappa Women in Technical Studies, which comprises students majoring in engineering and science, has invited 50 sixth-grade girls from the Twin Cities area to participate in five experiments during the day. It's part of an effort to help younger girls increase their familiarity and comfort level with engineering and science through use of laboratory experiments and models.

The group will gather at 9 a.m. in the Room 115 of the EECS building. Ellen Longmire, professor of aerospace engineering and mechanics, will give a brief introduction to the day's activities. University students will then take over, using model buildings on quicksand to explain civil engineering techniques and air flowing through liquids to demonstrate aerospace engineering concepts. A mechanical engineering experiment will use injection molding to form embossed chocolates.

Alpha Sigma Kappa formed nine years ago. The group does quarterly outreach programs in local schools for students in third through sixth grades. This is its fourth annual Science Exploration Day.

Contacts:

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5/14/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

A press kit on the Transportation and Regional Growth Study at the Center for Transportation Studies will be available Monday afternoon from Gina Baas, (612) 626-7331, and at the conference.

**URBAN SPRAWL AMONG TOPICS AT U OF M TRANSPORTATION CONFERENCE
MAY 19 AND 20**

Twin Cities regional growth patterns that have contributed to transportation headaches, the costs of urban sprawl, and the pros and cons of a new airport will be among the topics at the ninth annual Transportation Research Conference Tuesday and Wednesday, May 19 and 20, at the Doubletree Park Place Hotel, 1500 Park Place Blvd., St. Louis Park. The conference is sponsored by the University of Minnesota Center for Transportation Studies (CTS).

Researchers from Minnesota and the upper Midwest will share their findings in the areas of how transportation affects and is affected by regional infrastructure, environment, economy, safety and traffic flow, and human and community concerns. Here are some highlights.

- **8:15 to 9:45 a.m. Tuesday. "Access to Jobs and Transportation: Early Lessons,"** keynote address by Beth Palubinsky. She is co-director of the national Bridges to Work demonstration project, which works to lower transportation and other barriers for inner-city residents seeking jobs outside their local communities.
- **10:15 to 11:45 a.m. Tuesday. "The Role of Housing Markets, Regulatory Frameworks, and Local Government Finance."** John Adams, professor of geography at the University of Minnesota, will present his study of the relationship between transportation and regional growth. Among his points: "Low-density development often occurs because zoning regulations encourage or actively promote it, not necessarily because the market needs such development or because developers determine that it is the best use of a property ... The regulatory framework that encourages low-density development and contributes to urban sprawl on the metropolitan edge also inhibits the development of affordable housing ... The stage has been set for a public-policy conflict: The motoring public appears to want what it cannot have at the prices it is willing to pay." His talk is the first in a series of reports stemming from the Transportation and Regional Growth Study being conducted at CTS.

- **11:45 a.m. to 1:30 p.m. Tuesday. "The Cost of Sprawl--and Alternative Forms of Growth,"** a luncheon address by Anthony Downs , a senior fellow at the Brookings Institution in Washington, D.C. Downs is the author of "The Costs of Sprawl," "Stuck in Traffic: Coping with Peak-Hour Traffic Congestion" and other books.
- **3:30 to 5 p.m. Tuesday. Panel discussion: "Can Media Campaigns Influence Transportation Issues?"** Officials from the Minnesota Department of Transportation will give overviews of their media campaigns to promote public acceptance of and compliance with rules regarding red lights--in light of the high reported rates of red light runnin--ramp meters and railroad crossings.
- **11:30 a.m. to 2 p.m. Wednesday. "Designing Vehicles in Changing Times,"** a luncheon address by Connie Gutowski, a design manager at Ford Motor Co., who will discuss various factors that affect vehicle design and innovation.

More information on the conference and the Transportation and Regional Growth Study is available on the Web at <http://www.umn.edu/cts/TRG/TRG.html>. Adams' executive summary can be found by clicking on "Research Reports." For a conference brochure, call Gina Baas at (612) 626-7331.

Contacts:

Gina Baas, Center for Transportation Studies, (612) 626-7331
Deane Morrison, University News Service, (612) 624-2346, dmorris@mailbox.mail.umn.edu

5/14/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**U OF M EDUCATION SPECIALIST SUSAN SWENSON
RECEIVES WHITE HOUSE APPOINTMENT**

The White House has appointed Susan Swenson as U.S. commissioner of the administration on developmental disabilities effective May 11. Swenson is an associate education specialist with the Institute on Community Integration (ICI) in the University of Minnesota's College of Education and Human Development.

Swenson, who chaired the ICI community advisory committee before going to Washington, D.C. in 1996 as a Kennedy Fellow, hopes to bring together a network of university programs, citizens' councils and legal protection and advocacy agencies from around the country to work for better performance and outcomes in programs for Americans with disabilities.

"I think we need to do a better job of including the concerns and needs of people with all disabilities--including developmental disabilities--in all the programs and services that Americans rely on," Swenson said. "After the Americans with Disabilities Act, I don't think we can stick with the strategy of building separate programs and services for people with disabilities. Instead, we need to make our communities, our schools, our workplaces truly accessible to all of us."

During her year as a Kennedy Fellow, Swenson worked as a staff member of the Senate Subcommittee on Disability Policy. She is a graduate of Partners in Policymaking, a program of the Minnesota Governor's Planning Council on Developmental Disabilities that has been replicated in more than 40 states.

Swenson has experience with individuals with disabilities. One of her three sons has multiple disabilities and has been attending Minneapolis public schools, where he is now a senior at Southwest High.

Swenson received baccalaureate and master's degrees in humanities at the University of Chicago and earned an M.B.A. at the University of Minnesota.

Contacts:

Peggy Rader, College Education and Human Development, (612) 626-8782, rader004@tc.umn.edu
Jenny Isacson, University News Service, (612) 624-8038, isacs001@gold.tc.umn.edu

5/18/98**News releases also on WWW at <http://www.umn.edu/urelate/news.html>**

Media note: Media are invited to the public presentation and open house on June 5. Interviews can be arranged. Contact Jenny Isacson after May 27 at (612) 624-8038.

INSTITUTE ON DOMESTIC VIOLENCE IN THE AFRICAN AMERICAN COMMUNITY TO BE HOUSED AT THE UNIVERSITY OF MINNESOTA; OPENING JUNE 5

The No. 1 killer of African American females ages 15 to 34 is homicide at the hands of an intimate partner or ex-partner. In an effort to create a community of African American scholars and practitioners working in this area of domestic violence, the new Institute on Domestic Violence in the African American Community will be established and housed at the University of Minnesota. The institute will open Friday, June 5, with a public presentation from 1 to 4 p.m. in the McNeal Hall auditorium (Room 33) on the Twin Cities/St. Paul campus. An open house will follow in the atrium from 4 to 6 p.m.

At the first National Conference on Domestic Violence in 1993, five African American attendees informally met to discuss how the one-size-fits-all perspective on domestic violence failed to address the needs of African Americans. That group of scholars has expanded to make up a nine-person steering committee, bringing to the institute information, guidance and support from around the nation.

The institute hopes to raise consciousness about the impact of violence in the African American community, organize local and national conferences and training forums, identify community needs and recommend practices. It also will develop a database of national experts and programs, establish a speakers bureau and provide resources and information to the community.

Steering committee members are Linner Griffin, East Carolina University; Robert Hampton, University of Maryland, College Park; Shelia Hankins-Jarrett, State of Florida; Ester Jenkins, Chicago State University; William Oliver, Indiana University; Beth Richie, University of Illinois, Chicago; Joyce Thomas, Center for Child Protection and Family Support, Washington, D.C.; Antonia Vann, Asha Family Services, Milwaukee; and Oliver Williams, University of Minnesota.

The Institute on Domestic Violence in the African American Community is sponsored by the Office of Community Services, a division of the U.S. Department of Health and Human Services.

Contacts:

Oliver Williams, executive director, Institute on Domestic Violence in the African American Community, NIDVAAC@tlemail.che.umn.edu, <http://www.dvinstitute.org>, (612) 624-9217
Jenny Isacson, University News Service, isacs001@gold.tc.umn.edu, (612) 624-8038

5/18/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Hanlon will be available for interviews when he visits the University of Minnesota May 19-20.

U RECRUITS DUKE PROFESSOR TO LEAD GERIATRIC DRUG THERAPY STUDIES

The University of Minnesota College of Pharmacy has appointed Joseph Hanlon, from Duke University Medical Center, to lead the college's studies concerning drug therapy for the elderly.

Hanlon is the first holder of the newly created VFW Endowed Chair for Pharmacotherapy in the Elderly, which is supported by a \$3.8 million endowment. It is the largest endowment in the college's history. He will begin September 1.

At Duke, Hanlon was an associate research professor in the Department of Medicine, Division of Geriatrics. He also coordinated pharmacogeriatrics as a senior fellow in Duke's Center for the Study of Aging and Human Development, was a clinical associate professor at the University of North Carolina School of Pharmacy in Chapel Hill and was a clinical pharmacist specialist at the Durham Veterans Administration Geriatric Research, Education and Clinical Center.

Hanlon researches ways health professionals can intervene in and improve drug therapy and related outcomes for elderly patients. He is also involved in the discipline of pharmacoepidemiology--the study of medicine use and diseases in populations. He created the Medication Appropriateness Index, which allows practitioners and researchers to weigh 10 factors to determine the overall appropriateness of prescribed medications for elderly patients.

"I am excited by the opportunity afforded by this position to promote the rational use of pharmacotherapy in elders through research, clinical and teaching activities," Hanlon said. "I am particularly interested in helping current and future pharmacists expand their knowledge of geriatric drug therapy."

"Joe Hanlon will be an outstanding addition to our faculty," said Marilyn Speedie, dean of the university's College of Pharmacy. "He brings strength in the much-needed area of outcomes research and will be able to provide leadership for the College of Pharmacy's efforts in geriatrics."

Hanlon received a bachelor of science degree in pharmacy from the Massachusetts College of Pharmacy. He received a master of science degree in pharmacy practice and a doctor of pharmacy degree from the University of North Carolina. He completed an American Society of Health-System Pharmacists accredited residency at Moses Cone Hospital in Greensboro, N.C.

Established in 1892, the College of Pharmacy comprises 49 full-time faculty and 90 postgraduate fellows, residents and graduate students.

Contacts:

Marilyn Speedie, Dean, College of Pharmacy, (612) 624-1900, mspeedie@mailbox.mail.umn.edu
Teri Charest, Academic Health Center Communications, (612) 624-4604

5/18/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M STUDENTS TO PERFORM IN AMERICAN COLLEGE DANCE FESTIVAL

University of Minnesota Dance Program students will perform a student work at the American College Dance Festival Tuesday, May 19, at the Kennedy Center for the Performing Arts in Washington, D.C.

The festival, often referred to as the dance equivalent of the basketball's Final Four, is held every two years. This is the fourth consecutive festival to feature a work from the University of Minnesota Dance Program--which is 11 years old--and the first to feature a work by a student. The work, "Urges," was choreographed by Cynthia Gutierrez-Garner to be performed to Rachmaninoff's "Piano Concerto No. 3."

"Urges" is one of four works selected from 47 performances at a regional competition; 24 works from nine regional festivals will be performed at the national festival.

Gutierrez-Garner created the work in two weeks as a class project.

Contacts:

Linda Shapiro, Dance Program, (612) 624-4008
J.B. Eckert, University News Service, (612) 624-5228 or (612) 559-2127

5/18/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

KEITH MCFARLAND TO RECEIVE U OF M OUTSTANDING ACHIEVEMENT AWARD

Keith McFarland, former deputy chancellor of the university's Waseca campus and former dean of General College, will receive an Outstanding Achievement Award from the University of Minnesota at 4:30 p.m. Tuesday, May 26, in the Terrace Cafe in the St. Paul Student Center. The award, the highest given to alumni, recognizes exceptional achievement in a professional field.

McFarland received a bachelor of science degree in animal husbandry from the university in 1942 and served in the European Theater during World War II. He joined the university's College of Agriculture, Forestry and Home Economics (AFHE) in 1946 as an instructor, and earned a master's degree in educational psychology in 1952 and a doctorate in education in 1955 from the university. By 1960 he had become assistant dean and director of resident instruction at AFHE. After AFHE divided into three colleges in 1970, he became dean of the College of Home Economics, where he was instrumental in remodeling McNeal Hall and establishing the Goldstein Gallery and the college's alumni society board. He served as acting dean of General College from 1987 until he retired in 1989. In 1990 he was persuaded to become deputy chancellor of the Waseca campus when the campus was closing and faculty and staff faced reassignment or layoffs.

McFarland has been an active leader in numerous university, community and professional organizations, serving as president of the University of Minnesota Campus Club Board of Directors, president of the University of Minnesota Retirees Association, vice president for public affairs for the American Home Economics Association, president of the Association of Administrators of Home Economics, chair of the Resident Instruction Section of the National Association of State University and Land-Grant Colleges and president of the Association of Minnesota Colleges.

Contact:

Jenny Isacson, (612) 624-8038, isacs001@gold.tc.umn.edu

5/19/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Schorr is available for interviews Tuesday evening, May 19, and Wednesday morning, May 20, after the seminar. Contact Jan Hively at (612) 626-7786 to schedule an interview.

LISBETH SCHORR TO SPEAK WEDNESDAY, MAY 20

Lisbeth Schorr, lecturer in social medicine at Harvard University Medical School, will speak from 8 to 11 a.m. Wednesday, May 20, at the Sheraton Minneapolis Metrodome. Schorr's appearance is part of the College of Education and Human Development's Educational Policy Seminar Series.

Schorr will focus on addressing the obstacles that inhibit collaboration between school, home and community. Marti Erickson, Children, Youth and Family Consortium director, will moderate the session.

Contact:
Peggy Rader, College of Education and Human Development, (612) 626-8782

5/19/98

News releases and more on WWW at <http://www.umn.edu/urelate/news.html>

**Media note: Tony DeRose will arrive in Minneapolis May 20.
For interviews, call Jim Thielman, (612) 624-0214.**

HOLLYWOOD EXPERT TO REVEAL INSIDERS' ANIMATION TECHNIQUES

Advances in computer technology, physics and geometry have created a digital revolution in filmmaking that has helped Hollywood entities such as Pixar Animation Studios win seven Academy Awards in its 12-year history. Tony DeRose of Pixar will provide an insider's look at digital films such as "Toy Story" and the 1998 Academy Award-winning "Geri's Game" at 7:30 p.m., Thursday, May 21, in 125 Willey Hall on the west bank of the University of Minnesota-Twin Cities/Minneapolis campus. His talk is part of the university's Institute of Technology public lecture series.

DeRose developed the primary software tools that dramatically enhance the ability to animate skin and cloth. The result is an effect that allows simulated cloth and skin to drape over characters in a more realistic manner. His talk will emphasize the role that geometry and mathematics have played in the development of this new animation technique. A mathematician and former University of Washington professor, he joined Pixar in 1996.

The goal of the work at Pixar is to create original characters and stories in this new medium of three-dimensional animation. Pixar created and produced the first computer-animated feature film and has partnered with The Walt Disney Co. The studio has several feature-length projects in development. "A Bug's Life" is scheduled for release in November, and "Toy Story 2", the sequel to the 1995 "Toy Story," is scheduled for release in holiday season 1999.

Willey Hall is located at 225 19th Ave. in Minneapolis. The event is free and open to the public. Call (612) 624-6606 for more information.

Contact:

Monica Stumpf, Institute of Technology, (612) 625-5591
Jim Thielman, University News Service, thielman@mailbox.mail.umn.edu, (612) 624-0214

5/20/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

A downloadable picture of John Brandl is available on the web at <http://www.umn.edu/urelate/newsservice/photos/brandl.tif>

JOHN BRANDL NAMED DEAN OF U OF M'S HUMPHREY INSTITUTE

John Brandl has been named dean of the University of Minnesota's Humphrey Institute of Public Affairs following a national search. The appointment is subject to the approval of the university's board of regents, which is scheduled to vote on the matter at its June meeting.

Brandl, who has been interim dean since Sept. 15, helped found the Humphrey Institute's predecessor, the School of Public Affairs, in 1969. Renamed in 1977 to honor former Vice President Hubert H. Humphrey, the institute is the university's graduate school for students seeking degrees in public affairs and planning. It is also a center for research and outreach activities on public policy.

"We at the Humphrey Institute should be measured by whether we help Minnesota and the nation answer the great questions of governance: What is the public good and how can a free people accomplish it?" Brandl said. "Faculty and students are working on some of the most important issues of the day—from race and the Minneapolis schools to global warming, from rebuilding formerly communist countries in Eastern Europe to environmental protection in Minnesota. It is an honor to be associated with the institute."

Brandl was elected to the Minnesota House of Representatives in 1976, then to the state Senate in 1986. He returned full-time to the Humphrey Institute after leaving the Legislature in 1991. He has also served as a deputy assistant secretary in the U.S. Department of Health, Education and Welfare and was awarded the Joint Service Commendation Medal for his work as a systems analyst in the Department of Defense.

In 1996, Brandl received the National Governors Association Award for Distinguished Service to State Government. In presenting it, Wisconsin Gov. Tommy Thompson described Brandl as a person who "sees public service—whether as an elected official, a professor or a private volunteer—as a high calling."

Brandl is a fellow of the National Academy of Public Administration and past president of the Citizens League of the Twin Cities and of the Association for Public Policy and Analysis. A native of St. Cloud, he serves on the board of regents of St. John's University in Collegeville, Minn., where he earned a bachelor's degree in economics. He has a doctorate in economics from Harvard University.

For five years, Brandl wrote a column on public policy issues for the Minneapolis-based Star Tribune. In April, the Brookings Institution published his book, "Money and Good Intentions Are Not Enough."

Contacts:

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5/21/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF MINNESOTA RECEIVES NATIONAL CANCER INSTITUTE DESIGNATION

Leaders of the University of Minnesota Cancer Center will announce that they have been awarded official designation from the National Cancer Institute at a news conference at 10 a.m. Wednesday, May 27, in Room 450 of the Masonic Cancer Research Building, 425 East River Road, Minneapolis. University President Mark Yudof plans to attend. News crews will be able to tour the Cancer Center labs after the news conference.

Contact:

Coleen Southwell, Director, Cancer Center Communications, (612) 626-1107

5/26/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M BIOMEDICAL ENGINEERING LEADER CHARTS NEW COURSE FOR YEAR 2000

Technology development will be the top priority for the University of Minnesota's Biomedical Engineering Institute (BMEI), according to Dennis Polla, the new head of the institute. Polla will discuss his plans for the institute at 5 p.m. Wednesday, May 27, during the BMEI Vision Forum in Room 2-101 of the Basic Science and Biomedical Engineering building, 312 Church St. S.E., on the Twin Cities/Minneapolis campus. His talk follows an afternoon of presentations on current projects in the field by researchers from BMEI and industry.

The university created BMEI in 1995 to bring together faculty from the Medical School and the Institute of Technology who share an interest in biomedical engineering. Since then they have secured a \$12 million endowment, built a support structure for research and education and created new graduate-level courses.

With the foundation in place, Polla said it is time to approach future research endeavors with a new mind-set. "Projects should begin by identifying a health care problem and then assembling a team of engineers and medical scientists to devise a solution," Polla said. "In the past it worked the other way-- projects began when individuals performed research in their own area of interest. They then looked for a place to apply what they had found."

Polla, who became the head of BMEI in January, said collaboration with businesses from the beginning of a project will be an important component of this new approach.

Research now under way at BMEI includes such projects as building micromachines for precision cutting and biopsy, and placing tiny sensors in patients' bodies to detect and treat cancer. For example, Polla and Ronald McGlennen, an assistant professor of laboratory medicine and pathology, have developed a credit card-sized laboratory to analyze blood samples. In preliminary tests, this microlaboratory did as well as conventional lab tests in detecting the presence of a certain gene in DNA.

Another goal of BMEI is to establish an undergraduate major in biomedical engineering, with the first students entering the program as juniors in the fall of 2000. The university currently has a graduate program in the field, and an undergraduate major would make a good fit for students who are interested in biomedical engineering careers but who now must choose a related major such as electrical or biomechanical engineering, Polla said.

Poster presentations of graduate student research projects will precede Polla's talk. A panel of judges will select the best presentations in several categories, and winners will be announced at 4:45 p.m. in the atrium of the Basic Science and Biomedical Engineering building.

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5/26/98****News releases also on WWW at <http://www.umn.edu/urelate/news.html>**

Media note: Cancer Center leaders will announce the designation at a news conference at 10 a.m. Wednesday, May 27, in Room 450 of the Masonic Cancer Research Building, 425 East River Road in Minneapolis. Visit the Cancer Center Web site at <http://www.cancer.umn.edu>.

U OF M CANCER CENTER RECEIVES NCI DESIGNATION AND \$5.4 MILLION GRANT

The University of Minnesota Cancer Center has become a National Cancer Institute-designated cancer center and will receive a five-year support grant for approximately \$5.4 million. The NCI designation and grant recognize the center's success in bringing together researchers from varying disciplines to make significant contributions to cancer research. It is also expected to help with faculty recruitment.

"This is a tremendous accomplishment," said Dr. Frank Cerra, senior vice president for health sciences and head of the university's Academic Health Center. "In addition to outstanding individual research, cancer centers must demonstrate success in collaborative research efforts."

Cancer Center efforts in recent years to strengthen collaboration include building the four-story Masonic Cancer Research Building, creating positions to lead interdisciplinary programs and developing research resources. The grant provides funding to facilitate collaboration by supplying partial salary support for Cancer Center leadership (including associate directors and program leaders), research-related administrative functions and shared research resources. This support complements and enhances individually funded cancer research projects.

"This significant achievement will help us provide our scientists with the resources necessary to become one of the very best cancer institutions in the country," said Dr. John Kersey, Cancer Center director. A pioneer in leukemia and bone marrow transplantation research, Kersey led efforts to form the Cancer Center in 1991 and became center director in 1995. He has been recognized by the NCI with an Outstanding Investigator Award. Kersey said that \$30 million in private contributions as well as support from the university and state Legislature have been crucial to the success of the Cancer Center.

"This designation fits perfectly with the university's efforts to bolster research in molecular and cellular biology," said Bob Bruininks, the university's executive vice president and provost. "It will accelerate our efforts to find cures and treatments by looking at the molecular and cellular level."

"The presence of an NCI-designated cancer center will enhance the community-based efforts in cancer care and research," said Dr. P.J. Flynn, principal investigator of the Metro Minnesota Community Clinical Oncology Program, an NCI-funded clinical research consortium of physicians and hospitals.

The university has been active in cancer research for decades and is a national leader in the areas of blood and marrow transplantation and cancer prevention. "We performed the first successful bone marrow transplant, and we continue to advance the technique as a cancer therapy," Kersey said. "One of our unique areas of expertise is cancer prevention. In the 1960s, scientists here first discovered that certain vegetables can protect against cancer. Others began the fight against tobacco use by contributing to the landmark 1964 surgeon general's report on the health hazards of smoking. Since then, faculty and their colleagues have shown nicotine to be addictive, have developed ways to reduce teenage smoking and have created strategies to help hard-core smokers quit."

Faculty receive more than \$40 million a year in cancer research funding. The Cancer Center has research programs in cancer prevention, chemoprevention and carcinogenesis, cancer etiology and risk assessment, cancer genetics, immunology, cell biology and metastasis, and transplant biology and therapy. The Cancer Center also supports its members' research efforts by offering services and materials in biostatistics, analytical chemistry and biomarkers, developmental cell therapy, data collection and support services, embryonic stem cells, flow cytometry, peptide synthesis and tissue procurement.

More than 300 university faculty, staff and associates are members of the Cancer Center.

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5/27/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Temple Israel is located at 2324 Emerson Ave. S. in Minneapolis.

MIND-BODY HEALTH PIONEER TO SPEAK IN MINNEAPOLIS

Dr. Rachel Naomi Remen, author of the New York Times best seller "Kitchen Table Wisdom: Stories That Heal," will deliver a public lecture at 7 p.m. Sunday, June 14, at Temple Israel in Minneapolis.

She was invited to Minnesota by the newly created Forum on Spirituality and Health/Healing, a group of more than 20 health care professionals from the Twin Cities, including faculty from the University of Minnesota Center for Spirituality and Healing.

Remen, co-founder of the Commonwealth Cancer Help Program and a clinical professor of family and community medicine at the University of California, San Francisco, School of Medicine, will talk about the will to live and how to recognize and strengthen it in ourselves and each other.

Her perspective on healing stems from her work as a physician and her experience as a patient living with a chronic illness for more than 40 years. One of the founders of the field of mind/body health, Remen's pioneering work with cancer patients was featured on the Bill Moyers PBS special "Healing the Mind," and she has spoken to millions of people over the past 20 years through poetry, workshops and speaking engagements.

The lecture is co-sponsored by the University of Minnesota Center for Spirituality and Healing, the Episcopal Church, the Fairview Foundation, Pathways, the Jay Phillips Center for Jewish Christian Learning at the University of St. Thomas, the Temple Israel and the Twin Cities Jewish Healing Program.

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5/29/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Embargoed by *Nature Genetics* until 4 p.m. CDT on June 1. The family that participated in the study wishes to remain anonymous.

U OF MINNESOTA RESEARCHERS FIND NEW FORM OF ADULT MUSCULAR DYSTROPHY

Researchers at the University of Minnesota have located a gene that causes a second form of myotonic dystrophy --the most common form of muscular dystrophy in adults--on chromosome 3. Their work, done in collaboration with a large family affected by the disease, will be published in *Nature Genetics* June 1.

In 1992 researchers from around the world reported that a mutation on chromosome 19, called a CTG expansion, was found in most individuals with myotonic dystrophy. How that mutation causes a broad range of physical characteristics associated with the disease is not understood.

University of Minnesota investigators Laura Ranum, John Day, Paul Rasmussen, Kellie Benzow and Michael Koob, in the university's neurology department and Institute for Human Genetics, discovered that the members of the family they studied did not have the chromosome 19 mutation. Using genetic mapping techniques on blood samples provided by 63 members of the family, the researchers discovered that the gene for this second form of myotonic dystrophy is located on chromosome 3.

"This discovery is an important first step toward identifying a second DNA change that causes myotonic dystrophy," said Ranum, an assistant professor of neurology. "This study would not have been possible without the generous cooperation of the family members involved, and we are grateful for their cooperation."

"This important result stems directly from the combined efforts of the family, clinicians and basic scientists, and will hopefully lead to a better understanding and treatment of this disease," said Day, also an assistant professor of neurology.

Twenty-three members of the family are affected by the disease. The symptoms of myotonic dystrophy--delayed muscle relaxation after contraction (myotonia), weakness in the face and limbs, frontal balding in men, cataracts and irregular heartbeat--usually develop between ages 10 and 30. The disease affects one in 8,000 people worldwide. Children of affected parents have a 50 percent chance of inheriting the gene and developing the disease.

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5/29/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Anyone with a Quicktime viewer can see and hear glial cells speeding up the firing of a neuron by visiting <http://enlil.med.umn.edu/www/phsl/work/caw.htm#neuron>.

GLIAL CELLS CAN MODULATE NEURONS, U OF MINNESOTA STUDY FINDS

If you think your brain is crammed to the rafters with high-powered neurons, think again. Ninety percent of brain cells--accounting for half the brain's weight--aren't neurons but glia, smaller cells that were long thought of as mere nursemaids to neurons, with no influence on how neurons communicate. Only recently has their role in communication been studied in detail. Last year, University of Minnesota physiologists Eric Newman and Kathleen Zahs showed that glial cells can communicate with each other in intact tissue. Now, working with rat retinas, the researchers have shown that glial cells can directly control the workings of neurons. The work appears as the cover story in the June 1 *Journal of Neuroscience*.

"This is the first demonstration that glial cells can modulate the electrical activity of neurons," said Newman. "Now it remains to be seen whether they actually do so in living animals. A number of experiments suggest that they do, and that the communication between glial cells and neurons is two-way."

How glial cells function is important not only because they may influence neurons and therefore the thinking process, but because they are believed to be the source of most brain cancers, Newman said. They are also the cells that malfunction to produce multiple sclerosis and are thought to be involved in Parkinson's disease and AIDS-induced dementia.

In their earlier work, Newman and Zahs found that when mechanically stimulated (i.e., poked), glial cells known as astrocytes released calcium from internal storage chambers. This behavior spread to neighboring cells and was visible, with the help of a calcium-sensitive dye, as a circular ripple that moved through astrocyte tissue and lasted many seconds. Now the researchers have shown that when such a calcium wave reaches neighboring neurons, it can change the neurons' rate of firing.

The researchers induced the neurons to fire by shining a light on the retinal tissue. They then poked astrocytes with a tiny probe and watched what happened when the calcium waves reached the neurons.

Of 53 neurons tested, 30 responded to the arrival of the calcium wave. Twenty-five of those neurons slowed their rate of firing, five increased it.

The means by which calcium waves communicate information to neurons appears similar to the way neurons communicate with each other, Newman said. Neurons "talk" to each other by releasing small chemicals, called neurotransmitters, which diffuse to neighboring nerve cells. One such neurotransmitter is glutamate, an amino acid. Experiments by Newman and Zaks indicated that the arrival of a calcium wave causes glial cells to release glutamate, which plays a key role in telling nearby neurons what to do.

Glial cells are also known to "mop up" neurotransmitters released by neurons, preventing the brain from being flooded by these chemicals. Newman said calcium waves in glial cells could function not only to modulate the activity of neurons but to coordinate local groups of glial cells during mopping up or other activities.

"Lots of questions remain," said Newman. "One of the biggest is whether calcium waves or other calcium signals are triggered by normal physiological stimuli--such as information arriving from sense organs--that occur in the brain. And we want to know if glial cells, by modulating neuronal activity, play a role in information processing."

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5/29/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Students who designed projects for the show will be available for interviews.

U OF M ENGINEERING SHOW TO DISPLAY INNOVATIONS FOR INDUSTRY

A device to dramatically extend the time a harvested human heart can remain in transport before implantation and a portable, solar-powered water pasteurizer for use in remote U.S. regions or developing nations will be among the prototypes displayed at the University of Minnesota's Mechanical Engineering Design Show from 2 to 5 p.m. on Thursday, June 4, in the Great Hall of Coffman Memorial Union.

Local companies challenged students from the mechanical engineering senior design class to solve problems such as the creation of healthier zoo habitat for penguins and development of sensors to better detect the wear of aircraft brake lining. This collaboration between the university and local industry is an effort to enhance the transfer of technology and design to the business community.

The show is a lively event that highlights the creativity of the engineering students. Among the other projects will be a "grasshopper" robot designed to carry a small payload a short distance over variable terrain and a Personalized Rapid Transit system, which has been under research and development for nearly 40 years.

Groups of three to 10 students worked together on each project under the direction of an advisor. Members of the companies that presented the problems also consulted with the students during the process of researching and engineering designs and prototypes.

A jury of local industry members will judge the designs of the students who are participating in this trade-show format. The show is open to the public.

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6/2/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**INTERIM CHANCELLOR NAMED AT U OF M MORRIS CAMPUS;
SEARCH PROCESS SUSPENDED**

Samuel Schuman, dean and vice chancellor for academic affairs at the University of Minnesota, Morris, has agreed to serve as interim chancellor, beginning July 1, when Chancellor David Johnson retires. University President Mark Yudof has suspended the search for a permanent chancellor, citing the lack of a strong campus-wide consensus on the three finalists. Schuman, whose appointment is subject to approval by the university's board of regents, will serve until a permanent chancellor is named. A renewed search will be launched in spring 1999.

Schuman joined the Morris faculty in 1995 after four years as chancellor and professor of language and literature at the University of North Carolina at Asheville. Under his leadership, the Asheville campus built an increasingly academically select student body while maintaining broad access, earning the campus recognition as "North Carolina's public liberal arts university." Since coming to Morris, Schuman has been responsible for all faculty hiring and promotion decisions as well as long-range academic and fiscal planning. He has primary responsibility for the campus conversion from a quarter system to a semester system, slated for fall 1999.

"I am confident that Interim Chancellor Schuman will provide the campus with strong leadership until a permanent chancellor is named," Yudof said. "His scholarly credentials are impeccable, and his work as vice chancellor over the past three years has earned him great respect among faculty, students and administration."

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6/2/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**SAMUEL SCHWARTZ HONORED WITH
U OF M OUTSTANDING ACHIEVEMENT AWARD**

The late Dr. Samuel Schwartz, known for his work in pigment biochemistry and with the porphyrin molecule (essential to hemoglobin and respiration), will be honored with an Outstanding Achievement Award from the University of Minnesota at 2:30 p.m. Friday, June 5, during the Medical School commencement ceremony at Northrop Auditorium. Goldi Schwartz, his wife, will accept the award--the highest given to alumni in recognition of exceptional achievement in a professional field.

Samuel Schwartz began his relationship with the university in 1934, when he worked as a student in the lab of Dr. Cecil Watson. He started as a dishwasher but went on to collaborate with Watson on projects such as the Watson-Schwartz Test, which was conceived and initiated when Schwartz was still a medical student. The test diagnoses acute intermittent porphyria, a hereditary condition in which excessive porphyrins in the liver cause recurrent attacks of pain, gastrointestinal dysfunction and neurologic disturbances. It is still used worldwide, 56 years after its introduction.

Schwartz received a bachelor's degree from the university in 1938 and a medical degree in 1943. In 1948 he joined the faculty in the department of medicine where he stayed until retiring in 1983. He continued his research at the Minneapolis Research Center at Hennepin County Medical Center (HCMC) and then moved his lab to the university's Raptor Center until his ailing health forced him to reduce his activity in the mid-90s.

His work with the porphyrin molecule helped explain why robins' eggs are blue and led to the realization that lead bullets used for hunting waterfowl were toxic to bald eagles.

His final work was the development of HemoQuant[®], a test for blood in the stool that some of his former colleagues say still has promise as the definitive screening test for colon cancer. He is also remembered as a warm and enthusiastic man, concerned for humanity and dedicated to his family.

Contact:**Teri Charest, media relations manager, Academic Health Center, (612) 624-4604****6/4/98****News releases also on WWW at <http://www.umn.edu/urelate/news.html>**

FORMER VICE PRESIDENT AND DEAN WILLIAM HUEG RECEIVES HONORARY DOCTORATE FROM U OF M

William Hueg, Jr., former vice president for agriculture and dean of the Institute of Agriculture, Forestry and Home Economics at the University of Minnesota, will receive an honorary doctor of laws degree from the university Sunday, June 7, during commencement exercises for the university's College of Agricultural, Food, and Environmental Sciences.

Hueg received a bachelor's degree in dairy husbandry and extension education from Cornell University. He earned a master's degree in agronomy and a doctorate in agronomy and agricultural economics from Michigan State University. He joined the University of Minnesota agronomy faculty in 1957 and rose to vice president and dean in 1974. In that dual capacity, he oversaw all units on the St. Paul campus, plus 10 research centers and the Cooperative Extension Service (now the University of Minnesota Extension Service).

Known for his support of interdisciplinary research and education, Hueg played a key role in the university's project to assist the development of the Hassan II Institut Agronome in Morocco. He also was active in university programs in Tunisia and Chile and served as consultant to the United Nations Food and Agriculture Organization program in Hungary. As an administrator, he increased the autonomy of colleges within the Institute of Agriculture, Forestry and Home Economics. Known as an innovator, Hueg introduced methods of economic analysis into research project design and evaluation.

Hueg was the first agricultural scientist appointed to the National Science Board. He is a fellow of the American Society of Agronomy, the Crop Science Society of America and the American Association for the Advancement of Science.

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6/4/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

CHEMIST DAVID GOLDEN RECEIVES U OF MINNESOTA ALUMNI AWARD

David Golden, senior staff scientist at the Molecular Physics Laboratory of SRI International in Menlo Park, Calif., will receive an Outstanding Achievement Award from the University of Minnesota Friday, June 5, during commencement exercises for the university's Institute of Technology. The award, the highest given to alumni, recognizes exceptional achievement in a professional field. The commencement will begin at 7 p.m. in Northrop Auditorium.

Golden received a bachelor's degree in chemistry from Cornell University in 1956 and a doctorate in chemistry from the University of Minnesota in 1961. He joined SRI (formerly the Stanford Research Institute) as a postdoctoral fellow in 1963, following stints as a first lieutenant in the Army and as a postdoctoral fellow at Princeton University.

Early in his career, Golden made contributions to the field of chemical kinetics, providing organic chemists with rules to predict the behavior of almost any organic compound. During the late 1960s and early 1970s, he helped found the field of thermochemical kinetics, which deals with why molecules behave the way they do. Later, Golden contributed to the understanding of how fossil fuels burn, becoming among the first to recognize the usefulness of computer simulations of combustion. In the late 1970s, he turned to atmospheric chemistry. In 1987 he published experimental evidence that chemical reactions occurring on stratospheric cloud particles are instrumental in opening the Antarctic ozone hole. This finding laid the groundwork for future study of the phenomenon and ultimately led to public policies against production and use of chlorofluorocarbons.

Golden is a consulting professor of mechanical engineering at Stanford University and a former editor-in-chief of the International Journal of Chemical Kinetics. He is a fellow of the American Association for the Advancement of Science (AAAS) and the American Physical Society. In 1989 he won the Newcomb Cleveland Prize of the AAAS, and in 1990 he received the American Chemical Society Award for Creative Advances in Environmental Science and Technology.

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6/4/98**

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**TIME, PLACE SET FOR SECRETARY OF STATE ALBRIGHT'S ADDRESS TO
U OF M LIBERAL ARTS GRADUATES JUNE 14**

Secretary of State Madeleine Albright will give the keynote address at commencement ceremonies for the University of Minnesota's College of Liberal Arts (CLA) at **2 p.m. Sunday, June 14, in Williams Arena on the Twin Cities campus/Minneapolis**. More than 10,000 people, including about 1,000 graduates and their families and friends, are expected to attend. Former Vice President Walter Mondale will introduce the secretary, who will also be presented an honorary doctor of laws degree.

Albright became America's 64th secretary of state in January 1997. She is the first woman to hold the position and is the highest ranking woman in the U.S. government. Prior to her appointment, Albright served as the United States' permanent representative to the United Nations and as a member of President Clinton's Cabinet and National Security Council. She has also been a professor at Georgetown University, where she directed the Women in Foreign Service Program and taught courses in international affairs, foreign policy and Central and Eastern European politics.

Albright has a bachelor's degree from Wellesley College and master's and doctoral degrees from Columbia University.

Media notes:

The media entrance will be on the University Avenue side of Williams Arena. You must stop at the media check-in table and show a photo ID issued by your organization or a non-press photo ID with a signed letter on your organization's letterhead stating that you've been assigned to cover the event. You will be issued media passes, which must be worn and visible while you're in the building. **The media entrance to the arena will open at 8 a.m. All equipment must be in place by 9:30 a.m. to allow State Department agents to conduct a security sweep.**

Media parking will be available in Lot C72 at Oak and Beacon Streets S.E., just southeast of the arena (see attached map). Please show your photo ID and/or signed letter to obtain entry. **If you plan to park there, please call Mike Nelson at (612) 626-7701 for a parking pass.** Passes must be picked up by 5 p.m. Friday, June 12, at the University Relations office in 6 Morrill Hall. **Please note: parking will not be permitted on the arena's south side apron, except for live trucks.**

A limited number of phone jacks will be available for making calls or transmitting stories. The address will not be available on satellite.

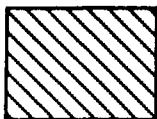
Contacts:

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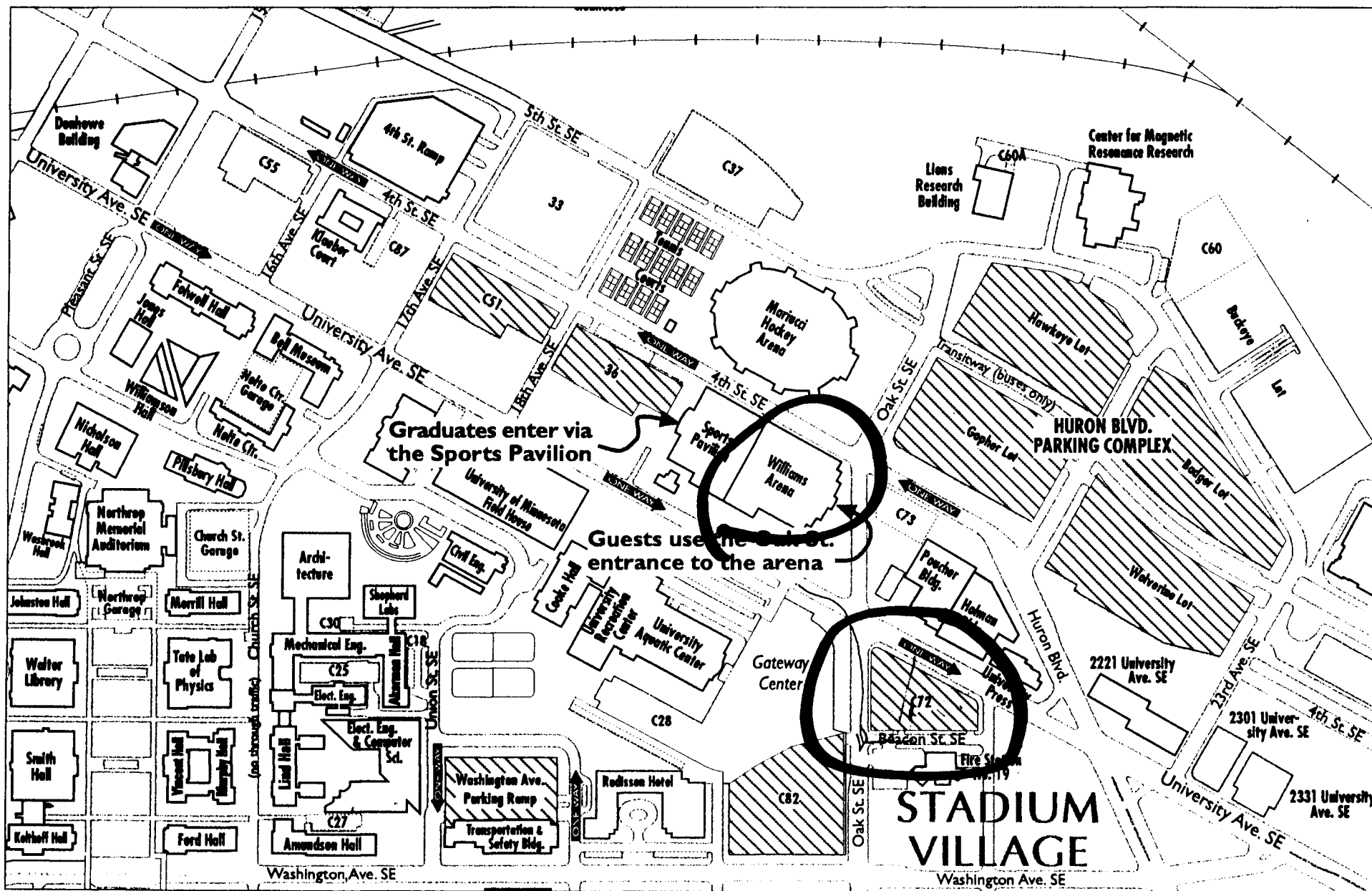
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6/5/98

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PUBLIC PARKING



U OF M REGENTS TO VOTE ON 1998-99 BUDGET THIS WEEK

The University of Minnesota board of regents will vote on the proposed 1998-99 operating and capital budgets Thursday, June 11, during their monthly meetings.

The operating budget includes \$35.5 million in new money from the state Legislature. The administration recommends that the funds primarily be earmarked to support new academic investments, classroom improvements and compensation for faculty and staff.

Tuition revenue increases from undergraduate rate changes would be held to an average of 3 percent on the Twin Cities and Crookston campuses and 4.3 percent on the Duluth and Morris campuses.

Merit and market competitiveness would be prime considerations for pay increases. The salary pool distributed by central administration would be increased by 6 percent for faculty, with individual units being strongly encouraged to find an additional 1 to 2 percent from their own resources. The pool for academic staff would be increased about 4 percent. Civil Service would increase 2.75 percent now and another 2 percent in January 1999.

Also on this month's agenda is a "brainstorming session" on design and technology for the new board of regents meeting space, which will be in the Gateway Center under construction on the eastern edge of the Twin Cities campus/Minneapolis.

Here are the schedule of committee meetings and a sample of agenda items:

Wednesday, June 10

- 5 p.m. Discussion of new board meeting space, Metropolitan Airports Commission boardroom, MSP International Airport (above Chili's restaurant, near Red Concourse).

Thursday, June 11

- 9 a.m. Facilities, 238 Morrill. Action on schematic plans for Horticultural Research Center.
- 9 a.m. Faculty, staff and student affairs, 300 Morrill. Action on amending plans to move toward single undergraduate tuition rate on each campus.
- 1 p.m. Educational planning and policy, 238 Morrill.
- 1 p.m. Finance and operations, 300 Morrill.
- 3 p.m. Committee of the whole, 238 Morrill. Action on 1998-99 capital and operating budgets.

Friday, May 8

- 8 a.m. Committee of the whole, Northrop Auditorium lobby. Awards ceremony honoring students, faculty and staff.
- 9 a.m. Committee of the whole, 238 Morrill. Code of ethics update.
- 11 a.m. Board of regents, 238 Morrill. Annual meeting to set 1998-99 meeting dates.

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6/8/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Don Truhlar, director of the Supercomputing Institute, is available for interviews. Media members can tour the institute. Call Jim Thielman, (612) 624-0214.



U OF M UNVEILS IBM SUPERCOMPUTER THAT SURPASSES DEEP BLUE

In an expansion of the relationship between the University of Minnesota and IBM, university researchers--including graduate and undergraduate students--have begun using the University of Minnesota Supercomputing Institute's new IBM RS/6000 SP, which is a similar but more powerful computer than the one used in the "Deep Blue" chess match. A formal dedication ceremony will be held at noon Friday, June 12, in Room E-200 of the institute, located at 1200 Washington Ave. S., in Minneapolis.

The computer, the largest installed at any academic institution, is emblematic of an entire class of emerging computer systems that combine ultrafast processing with sophisticated analytical software. More than 1,000 researchers, who receive external research funding that exceeds \$27 million annually, will do their computations on the RS/6000 SP.

"The scope of computing demands on university research departments is immense," said William Rodrigues, general manager, IBM Education for North America. "We're very excited about putting the IBM RS/6000 SP technology to work at the University of Minnesota -- long revered for its supercomputing research. The combination of IBM technology, our focus on research, and the curiosity and creativity of the University of Minnesota's researchers is a winning mix."

Donald Truhlar, director of the Supercomputing Institute, said the new computer allows university researchers and industrial collaborators a chance "to work with resources representing the state-of-the-art in computing." Truhlar added, "Upgrades such as this are crucial for enabling the university to stay on the cutting edge of research and technology transfer."

The new machine will help the Supercomputing Institute play a central role in university President Mark Yudof's Digital Technology Initiative in Walter Library on the Twin Cities campus/Minneapolis. The institute is scheduled to move into the new Digital Technology Center on Jan. 1, 2001.

In 1981, the University of Minnesota became the first university in the nation to acquire a supercomputer. The Supercomputing Institute was established in 1984.

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6/10/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M JOINS FORCES WITH MINNEAPOLIS COMPANY TO TEST ANIMAL TISSUE BEFORE HUMAN USE

Scientists at the University of Minnesota College of Veterinary Medicine's Center for Excellence in XenoDiagnostics and ViroMed Biosafety Laboratories Inc., Minneapolis, have signed an agreement to provide a comprehensive animal tissue testing service for biotechnology companies. Animal tissues are increasingly used in medical devices and in transplant to humans, also known as xenotransplantation.

This agreement is among the first of what investigators said they hope will be many collaborations with private industry at the center, established in March.

"Our collaboration with ViroMed will enhance the resources available for xenotransplantation," said center director Larry Schook, associate dean for research and graduate programs. "The collaboration will also conform with good laboratory practice testing standards mandated by the Food and Drug Administration for some research studies and clinical trials."

The market for xenotransplantation is projected to be in the billions of dollars. University researchers said animal tissues will soon be used for approximately 100,000 patients annually for treatment of liver failure, diabetes and degenerative neurologic diseases such as Parkinson's disease.

Although the risk of rejection in xenotransplantation appears to be low, researchers thoroughly evaluate animal tissues so that infectious agents will not transfer from the donor species to humans. They will also monitor recipients following xenotransplantation for evidence of infectious agents.

"Traditional technologies used to identify infectious agents are generally time-consuming, labor intensive, expensive and not sensitive enough to detect some infectious diseases," Schook said.

"Therefore, it is critical for us to develop new, highly effective detection and control measures for these zoonotic infectious agents to ensure both patient and public health and safety."

"ViroMed, established in 1982, is one of the country's leading providers of diagnostic and contract laboratory testing," said Dean Enrooth, vice president of business development for ViroMed. "It has continually expanded its specialized services over the years." ViroMed provides testing services for medical devices, the Health Care and Pharmaceutical Biotechnology Tissue Bank, and the disinfectant industry.

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Teri Charest, media relations manager, Academic Health Center, (612) 624-4604

6/11/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

THOMAS REID RECEIVES U OF MINNESOTA ALUMNI AWARD

Thomas Reid, former director of research at 3M and founder of its Life Sciences Sector laboratories, will receive an Outstanding Achievement Award from the University of Minnesota Saturday, June 13, during commencement exercises for the university's College of Biological Sciences. The award, the highest given to alumni, recognizes exceptional achievement in a professional field. The commencement will begin at 7:30 p.m. in Northrop Auditorium.

Reid received a bachelor's degree in economic entomology in 1936 and a master's degree in organic chemistry in 1938 from Rutgers University. In 1942 he received a doctorate in biochemistry from the University of Minnesota. He joined the U.S. Department of Agriculture in 1942 and spent two years there before beginning his 3M career.

Reid started at 3M as an organic chemist in the Organic Laboratory of the Central Research Laboratory. He became head of the Organic Laboratory in 1950 and technical director of the chemical laboratory of Central Research in 1955. After retiring at age 65, Reid continued to coordinate quality control for 3M's fly fishing lines. He also developed flexible, solvent-free polyurethaneurea adhesive for boots and waders.

Reid's accomplishments at 3M include developing the first successful low-adhesion coating for adhesive tape to permit easy dispensing. He also started dental research that resulted in the Dental Division at 3M and initiated pharmaceutical research that led to the acquisition of Riker Laboratories and a pharmaceutical business.

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6/11/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

WILLIAM ESTES RECEIVES HONORARY DEGREE FROM U OF MINNESOTA

William Estes, professor emeritus at Harvard University, will receive an honorary Doctor of Science degree from the University of Minnesota at 2 p.m. Sunday, June 14, during the College of Liberal Arts commencement ceremony in Williams Arena. The honorary degree is the highest award conferred by the University of Minnesota.

Estes, a native of Minneapolis, received bachelor's (1940) and doctoral (1943) degrees from the University of Minnesota. From 1947 to 1962 he was a faculty member at Indiana University. He was a professor of psychology at Stanford University (1962-1968), a professor at Rockefeller University (1968-1979) and a professor of psychology at Harvard University (1979-1989). His major research interests include human learning and cognitive processes, visual information processing and mathematical psychology.

Estes has published numerous books and articles and has served on many academic and professional committees. He is a member of the National Academy of Sciences, a fellow of the American Academy of Arts and Sciences, a 1985-86 Guggenheim fellow and a 1997 winner of the National Medal of Science, the nation's highest scientific award.

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6/12/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**UPDATE ON SECRETARY OF STATE ALBRIGHT'S ADDRESS TO
U OF M LIBERAL ARTS GRADUATES JUNE 14**

Secretary of State Madeleine Albright will give the keynote address at commencement ceremonies for the University of Minnesota's College of Liberal Arts (CLA) at **2 p.m. Sunday, June 14, in Williams Arena on the Twin Cities campus/Minneapolis**. More than 8,500 people, including about 1,000 graduates and their families and friends, are expected to attend. Former Vice President Walter Mondale will introduce the secretary.

Updated information

- The media entrance to the arena will open at **10:30 a.m.** All equipment, including still cameras and cassette recorders, must be in place by **noon** to allow for a security sweep. Media will be allowed to re-enter the arena at approximately **1 p.m.**
- Albright's address will be carried live in its entirety by KUOM Radio, 770 AM. Other radio stations have permission to tape the broadcast and use excerpts on their newscasts.
- Soundbites from the address will be available on the University NewsLine, (612) 625-6666, starting at about 4 p.m.
- Photo press are encouraged to bring long lenses; the media platform is approximately 60 feet from the stage.

Other media notes:

The media entrance will be on the University Avenue side of Williams Arena. You must stop at the media check-in table and show a photo ID issued by your organization or a nonpress photo ID with a signed letter on your organization's letterhead stating that you've been assigned to cover the event. You will be issued a media pass, which must be worn and visible while you're in the building.

Media parking will be available in Lot C72 at Oak and Beacon Streets S.E., just southeast of the arena (see attached map). **If you plan to park there, please call Mike Nelson at (612) 626-7701 for a parking pass.** Passes must be picked up by 5 p.m. Friday, June 12, at the University Relations office in 6 Morrill Hall. **Please note: Parking will not be permitted on the arena's south side apron, except for live trucks.**

A limited number of phone jacks will be available for making calls or transmitting stories. The address will not be available on satellite.

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6/12/98

News releases also on the WWW at <http://www.umn.edu/urelate/news.html>



**HABITAT FOR HUMANITY, U OF M MASTER GARDENERS
TO BEAUTIFY PHILLIPS NEIGHBORHOOD SATURDAY**

Master gardeners from the University of Minnesota Extension Service will team up with Habitat for Humanity volunteers from 9 a.m. to 5 p.m. tomorrow (Saturday, June 13) to plant shrubs and perform other landscape work to beautify the area surrounding five Habitat homes in the Phillips neighborhood of Minneapolis. The work site is located at 24th Street and 15th Avenue South.

The families in the homes represent diverse ethnic backgrounds, and Habitat volunteers also work with them on peacemaking, mediation and other family development issues.

Contacts:

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Julie Gugin, Habitat for Humanity, (612) 331-4090X600

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6/12/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: There will be a media availability at 4 p.m. Thursday, June 25, outdoors on the south side of the Aquatic Center. Participating athletes and members of their families, along with USA Swimming and university officials, will be available for interviews.

U OF M TO HOST INAUGURAL NATIONAL DISABILITY SWIMMING CHAMPIONSHIPS

The 1998 USA Swimming Disability Championships, the first national swimming championships for athletes from all disability populations, will be held June 26-28 at the University of Minnesota Aquatic Center. Hosted by USA Swimming, the national governing body for the sport of swimming, the event is expected to attract more than 150 elite swimmers who are deaf, blind, visually impaired or who have other physical or mental disabilities.

Participants will include Dan Kelly from Golden Valley, Minn., who earned six medals at the 1992 and 1996 Paralympic Games and is captain of the swim team at Gustavus Adolphus College in St. Peter, Minn., and Joyce Luncher from Pittsburgh, Pa., who earned four gold medals (all world records) and three silver medals at the 1996 Paralympic games. Kelly has retinitis pigmentosa; Luncher a below-elbow amputation of the right arm.

The three-day event begins at 3:15 p.m. on Thursday, June 25, with a reception at the Aquatic Center. Following the reception there will be a free pasta feed outdoors on the south side of the Aquatic Center.

"This meet is one of the many steps that are being taken to attract outstanding athletes who are swimmers first, and swimmers with a disability second," said Will Colebank, athlete development director at USA Swimming. "We are proud to lead the charge as we host a truly championship, nationwide meet for swimmers with all classifications of disabilities."

The University of Minnesota Aquatic Center is located at 1910 University Ave. S.E. on the Twin Cities campus/Minneapolis.

Contacts:

Mary Wagner, USA Swimming, (719) 578-4578

Katie Knips, Courage Center, (612) 520-0263

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6/18/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: To download a print-quality picture of U of M President Mark Yudof, go to www.umn.edu/urelate/newsservice/inaug/yudofbio.html.

U OF M PRESIDENT YUDOF TO VISIT WASECA JULY 1

University of Minnesota President Mark Yudof will meet with community leaders and Southern Experiment Station staff when he visits Waseca Wednesday, July 1.

Yudof became the 14th president of the University of Minnesota July 1, 1997. Since taking office, Yudof has visited more than 50 Minnesota cities in an effort to learn more about the state. Based in part on his conversations with Minnesotans, he has designed a plan to preserve historic buildings and to improve classrooms and other student facilities on all four campuses in time for the university's sesquicentennial in 2001. His plan has received the backing of both Gov. Arne Carlson and the Minnesota Legislature, which appropriated \$206.8 million in capital bonding for the university.

Yudof received a bachelor's degree with honors from the University of Pennsylvania and graduated with honors from the University of Pennsylvania Law School in 1968. He joined the law faculty at the University of Texas at Austin in 1971, was named dean in 1984 and became executive vice president and provost in 1994. In that post, he initiated many improvements in undergraduate education at the Austin campus, including an extensive revision of undergraduate advising, an Academy of Distinguished Teachers to recognize and reward outstanding teachers and a freshman seminar program to give all entering freshmen a small-class experience.

Highlights of Yudof's July 1 itinerary:

- 2:30 to 3 p.m.-- Discussion with Southern Experiment Station staff and advisory committee members about the new role and mission of the station and its importance to the community.
- 3 to 3:55 p.m.-- Tour of the station.
- 4 to 5 p.m.--Group discussion at the station library about agriculture and the university, facilitated by former U.S. Rep. Tim Penny.
- 5:10 to 5:30 p.m.--Social gathering at the station.
- 5:30 to 6:30 p.m.--Steak fry at the station.

Contact:

Kathy Yeager, Institutional Relations, (612) 624-5841

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Media note: Reporters wishing to cover the event should call (615) 259-4000 or (800) 818-6953.

VICE PRESIDENT GORE TO MODERATE U OF M CO-SPONSORED FAMILIES AND HEALTH CONFERENCE JUNE 22-23 AT VANDERBILT UNIVERSITY

Vice President Al Gore and his wife, Tipper, will join health-care providers and experts in family-centered health care at the conference "Family Re-Union 7: Families and Health" on Monday, June 22 and Tuesday, June 23 at Vanderbilt University's Langford Auditorium. The conference is sponsored by the University of Minnesota's Children, Youth and Family Consortium and Vanderbilt University's Child and Family Policy Center.

The conference, which will be broadcast live via satellite across the nation, will be held from 12:30 p.m. to 5 p.m. CDT Monday, June 22 and from 8:30 a.m. to noon CDT Tuesday, June 23. On Monday afternoon, the Gores will be joined by President Bill Clinton and First Lady Hillary Rodham Clinton. This is the seventh year Gore has moderated the conference and the fourth consecutive year President Clinton has participated.

Other participants in this year's conference will include U.S. Surgeon General David Satcher, Nancy-Ann Min DeParle from the Health Care Financing Administration and Martha Farrell Erickson, director of the University of Minnesota's Children, Youth and Family Consortium. Conference workshops will focus on family-centered mental health, families and elder care, safe families and communities and family-friendly hospitals.

"The reality for some families includes dealing with health insurance being canceled as their children lie on operating tables," said Erickson. "In this ever-changing health care environment, we need to find new ways to help families navigate in this complex managed-care arena."

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6/19/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

UNIVERSITY OF MINNESOTA JULY STARWATCH

by Deane Morrison

The morning sky's monopoly on bright planets starts to break in July, when Jupiter moves into the late-evening lineup. Venus glides between the horns of Taurus, the bull, but remains a morning "star." Earth makes its closest pass to the sun, and the month ends with Venus and Mars approaching each other above the predawn horizon.

Big and bright, Jupiter comes out in the east about four hours after sunset on the 1st but only two hours after sundown on the 31st. Even though it can be seen before midnight late in the month, it's still considered a morning planet because it's up for the whole stretch between midnight and dawn but for only a short time before midnight.

Following Jupiter into the sky, Saturn lags its much brighter companion by 60 to 90 minutes. Saturn's rings are tilted about 16 degrees, which gives us the best telescopic view since 1992. Both planets will be well up in the south at dawn, with Jupiter a good distance to the west of Saturn.

Next comes Venus, bright but low in the east. The queen of planets begins the month near the bright star Aldebaran in Taurus, then quickly moves northward. On the morning of the 14th, Venus appears between the horns of Taurus, very close to the star Zeta Tauri, the lower of the two horns. By month's end Venus has left Taurus and moved past Orion toward the Gemini twins.

For a real starhunter's challenge, though, try finding Mars. The red planet pops into the sky just ahead of the sun at mid-month, appearing as a dim speck to the lower left of Venus. The two planets draw closer as the days go by and will reach their nearest approach in the first week of August.

Mercury appears in the west-northwest after sunset during the first half of the month; at Midwestern latitudes it gets highest around the 8th, when it may be found much lower and to the right of Regulus, the brightest star in Leo. After that, the mercurial planet quickly sinks out of sight.

The full moon of July is known as the thunder moon (for July's frequent thunderstorms), the hay moon (for the haying season) or the buck moon (for the velvet-covered antlers now sprouting from the

Media note: Embargoed by the *New England Journal of Medicine* until 4 p.m. CDT Wednesday, June 24.

SEIZURE TREATMENT CREATED AT U OF MINNESOTA SHOWN EFFECTIVE

An at-home treatment developed at the University of Minnesota has been shown in a nationwide clinical trial to reduce the number and severity of acute, repetitive seizures affecting some people with epilepsy. Results of the study will be published in the June 25 *New England Journal of Medicine*.

The treatment is a gel formulation of the drug diazepam, which has the same active ingredient as Valium and is administered through the rectum. People suffering acute, repetitive seizures are often unable to swallow and thus can't take oral medication. Nor is it feasible for intravenous or intramuscular injections to be given at home. This treatment--known as Diastat® and manufactured by Athena Neurosciences in San Francisco--can be given at home, eliminating a trip to the emergency room and saving families money and anguish.

In a clinical trial at 10 research sites, including the university, researchers found that in 28 (62 percent) of the 45 patients given diazepam at the onset of a seizure cluster, the episode stopped and did not recur during the observation period--12 hours for children and 24 hours for adults. In the placebo group, nine (20 percent) of the 46 who received the placebo remained free of seizures. The other 37 (80 percent) suffered recurring episodes.

"Families tell us their quality of life has improved because they can provide a safe and effective treatment as soon as seizures begin, avoiding trips to the emergency room. The medication can be kept at home, in the glove compartment or purse and is designed for quick and easy administration," said James Cloyd, professor of pharmacy and an author of the study.

Cloyd and Robert Kriel, professor of neurology, pediatrics and pharmacy, developed the treatment in 1988 in partnership with Upsher-Smith Laboratories in Plymouth, Minn. They also proposed the randomized, double-blind study to the National Institutes of Health. Kriel is a pediatric neurologist at Hennepin County Medical Center in Minneapolis and Gillette Children's Hospital in St. Paul.

About two million Americans suffer from epilepsy. Of these, an estimated 20,000 to 40,000 suffer acute, repetitive seizures. Cloyd said 400 to 1,000 Minnesotans could benefit from the new treatment.

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Robert Kriel, M.D., professor of neurology and pediatrics, (612) 347-2680
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6/24/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U'S COLLEGE OF VETERINARY MEDICINE TEAMS UP WITH PERKIN-ELMER TO DEVELOP DIAGNOSTIC TESTS

The University of Minnesota College of Veterinary Medicine and PE AgGen, a division of Perkin-Elmer Corp., have signed an agreement to develop molecular diagnostic tests to ensure the safety of meat and other animal-based foods. The work will be conducted at a new Center for DNA Diagnostics on the Twin Cities campus/St. Paul, with support from PE AgGen.

Researchers at the center will also develop tests to determine whether food animals have economically important production traits such as genetic predisposition to lean meat or large litters.

The Perkin-Elmer Corp. develops, manufactures and markets life science systems and analytical instruments. They also provide services for use in such markets as agriculture and food production. PE AgGen's laboratories are located in Salt Lake City and Davis, Calif.

"We're excited about this collaboration and the expanded ability of our programs," said Stephen Bates, director of PE AgGen. "The University of Minnesota is a leader in veterinary diagnostics as well as research and development of infectious diseases in animals that can impact human health. The university has unsurpassed physical, intellectual and human resources available to enhance testing that is currently available."

"We will be able to provide exciting new disease detection and prevention technology for animal breeders at a much lower cost and decreased time requirements," said Larry Schook, director of the university's Food Animal Biotechnology Center and associate dean for research and graduate programs in the College of Veterinary Medicine. "Because the faculty collaborating in this center come from medical, public health and veterinary disciplines, we are in a unique position to provide a one-stop, full-service center for DNA diagnostics."

Contacts:

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6/24/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: For interviews with Gardebring, call Rebecca Fanning at (612) 296-6043. For pictures of Gardebring, call Deane Morrison at (612) 624-2346 or Bill Brady at (612) 625-8510. A picture is also on the Web at <http://www.umn.edu/urelate/newsservice/photos/gardebring.jpg>. Sound bites are available on the university Newline after 3 p.m. today at (612) 625-6666.

GARDEBRING TO HEAD U OF M INSTITUTIONAL RELATIONS

Sandra Gardebring, an associate justice of the Minnesota Supreme Court since 1991, has been named the new vice president for institutional relations at the University of Minnesota, pending approval by the board of regents at its July 9 meeting. In her new post, she will oversee the university's public relations, alumni relations, fund-raising and lobbying efforts. She will report directly to university President Mark Yudof and is expected to assume her duties Sept. 8.

After receiving a bachelor's degree in English and philosophy from Luther College in Decorah, Iowa, Gardebring spent a year as a reporter for the Bismarck (N.D.) Tribune. She then entered the University of Minnesota Law School, where she was a member of the Law Review. She graduated in 1973 and went on to hold a variety of public sector jobs, including commissioner of the Minnesota Pollution Control Agency (1977-79 and 1982-84) and director of the U.S. Environmental Protection Agency's Region 5 Enforcement Division (1979-82). She was chair of the Metropolitan Council from 1984 to 1986 and commissioner of the Minnesota Department of Human Services from 1986 to 1989. She was appointed a judge on the Minnesota Court of Appeals in 1989.

"Justice Gardebring has long been torn between her love of public policy and her love of the law," said Gov. Arne Carlson. "She now returns to the arena of public policy as a major player in the Yudof administration and will trade in her black robe for the maroon and gold of the University of Minnesota."

"This is stunningly good news for the university," said Yudof. "We're really fortunate to have someone of Sandra Gardebring's caliber. She is an outstanding public servant with a wide breadth of experience, and I know she'll do a superb job for the University of Minnesota."

"While I leave the Court with reluctance, I look forward to my work at the university," said Gardebring. "It is, in my view, a remarkable civic asset, central to the future success of the state in many ways, as it has been in the past. I am delighted to be part of the new leadership team at the 'U.'"

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6/26/98**

News releases are also on the WWW at <http://www.umn.edu/urelate/news.html>.

Embargoed by *Science* until 4 p.m. Eastern time Thursday, July 2. Jenkins is available at (612) 626-2715.

VACCINE TESTING GETS BOOSTER FROM U OF MINNESOTA

A new technique to visualize immune cell interactions could cut testing times for new vaccines from several weeks to 48 hours. Developed by researchers at the University of Minnesota, the University of Glasgow and Dartmouth Medical College, the technique allows researchers to see--literally--if a vaccine is working in the early stages of the process rather than waiting several weeks for antibodies to turn up in the bloodstream. The work appears in the July 3 issue of *Science*.

"We now have some powerful new tools to study vaccines and to make them more effective," said lead researcher Marc Jenkins, an associate professor of microbiology at the University of Minnesota. "Several companies are interested in using this method to improve the potency of their vaccines.

The technique will also be useful in teaching students at all levels how the immune system works, said Jenkins. He has also produced an animated cartoon of immune cells responding to a vaccine and interacting, based on what he and his colleagues have captured in snapshots.

The technique rests on the fact that certain immune cells must "talk" to each other in the early stages of vaccination, or the vaccine won't work. Those immune cells recognize the vaccine, which is basically a protein from an infectious microbe. But just as most of us have faces that are recognizable by only a handful of people--mostly family and acquaintances--in the world, so a given vaccine will be recognized by only about one in a million immune cells, Jenkins said. Thus, it's been difficult to catch those cells interacting in the body. Working with mice, Jenkins and his colleagues devised dyes that stuck only to immune cells that recognized the vaccine the mice had been given. Outfitted with these beacons, the cells and their interactions became visible under the microscope.

The action takes place in lymph nodes, the convention centers of the immune system. The human body contains about a thousand such structures. The conventioners are three types of immune cells: dendritic cells, T cells and B cells. The action begins about 24 hours after a vaccine is administered, when a T cell enters a node and encounters a dendritic cell carrying a vaccine protein on its outer

surface. If the T cell is that one in a million that recognizes the protein, it will start dividing and producing chemicals (called cytokines) that stimulate the immune system. The resulting T cells then migrate toward the part of the node--called a follicle--where B cells congregate.

Meanwhile, a few B cells pick up a vaccine protein and take up residence in the follicle. These cells somehow sense the approach of their kindred T cells and go to meet them at the follicle border, where they interact. It takes about 48 hours to reach this point. The B cells then begin dividing and eventually begin pumping out antibodies, which can be detected in the blood.

Jenkins and his colleagues caught both the interactions of dendritic and T cells in the middle of nodes and the interactions of T and B cells at the borders of follicles. Their work helped settle a controversy over the order of events in the early stages of vaccination.

"We knew that when cultured, T cells interacted with dendritic cells and with B cells," said Jenkins. "But we didn't know the order of these interactions or where in the body they happened." Now that it's known, researchers can give vaccines to mice and use the new technique to examine their lymph nodes after 24 or 48 hours. If the desired interactions are observed, the vaccine will probably work. If not, the researchers can shift their attention to other vaccines.

"The technique can be used to fine-tune vaccines by modifying the additives [adjuvants] that increase their potency by means that aren't well understood," said Jenkins. For example, if an adjuvant strengthens certain immune cell interactions but not others, researchers could modify it until it's found to strengthen all the interactions. "This will take some of the mystery away," said Jenkins.

Among the remaining questions: How do T cells find follicles? And, how do B cells sense the presence of T cells?

"Cells probably find their way by some sort of chemical trail, like pheromones," said Jenkins. "But there's still a lot of work to do."

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6/30/98**

News releases are also on the WWW at <http://www.umn.edu/urelate/news.html>.

Media note: The field hearing begins at noon Monday, July 13, at the Minneapolis Convention Center. For media passes call Rusty Jabour, National Medicare Commission, at (202) 252-3394.

NEW HEALTH POLICY INSTITUTE TO HOST MEDICARE COMMISSION JULY 13

The National Bipartisan Commission on the Future of Medicare, also known as the National Medicare Commission, will hold a field hearing on Monday, July 13, at the Minneapolis Convention Center. The hearing will be hosted by the newly created National Institute of Health Policy, a joint venture between the University of Minnesota and the University of St. Thomas.

The 17-member commission was created by the Balanced Budget Act of 1997. It will seek input from area health care professionals and citizens during a morning tour of area health care facilities and an afternoon field hearing on how Medicare can be preserved and improved for future generations.

The commission estimates nearly 40 million Americans rely on Medicare. The demand is expected to increase dramatically in the next decade when 77 million baby boomers become eligible for services. Medicare's annual costs are expected to rise from \$207 billion in 1997 to between \$2.2 trillion and \$3 trillion by 2030.

This is the first endeavor for the institute, which is a nonpartisan hub for health policy information, education and research. Members will bring together the academic research on which policy-makers may base their decisions.

Policy issues on the national agenda include access for a growing uninsured population, the impact of the rapidly aging population, the escalating costs of providing health care for employees and the ability of managed care to reduce costs while improving quality.

The educational efforts of the institute are designed to raise the level of public awareness about health policy issues and enhance the quality of health policy leadership in the region and nationwide.

Media contacts:

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Katie White, health policy fellowship associate, National Institute of Health Policy, (612) 962-4138

Teri Charest, media relations manager, Academic Health Center, (612) 624-4604

7/6/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Claudia Parliament, University of Minnesota professor of applied economics, and MCEE executive director, is available for interviews at (612) 625-5733.

FINALISTS IN COMMODITY CHALLENGE TO BE NAMED, MEET WITH U OF M DEAN

Three elite teen economics students from the Ukraine will join 28 Minnesota students and their teachers from 13 schools for the Cargill Commodity Challenge Contest and Celebration awards ceremony at 12:30 p.m. Thursday, July 9, at Cargill Office Center, 15407 McGinty Rd. W. in Minnetonka. The top three winners of the 1998 Commodity Challenge, an exercise in economic theory, will be named at the event.

University of Minnesota applied economics professor Brian Buhr conducted the event's teacher training and was a judge of the essays, in which students explain their commodity trading strategy and examine the impact of global events on their commodity. Teachers and students who are selected first, second and third during the ceremony each receive awards of \$500, \$300 and \$200.

This year's competition attracted more than 1,100 Minnesota students working with 41 teachers, a record number, according to Claudia Parliament, University of Minnesota applied economics professor and executive director of the Minnesota Council on Economic Education (MCEE). The program incorporates elements of five of the state's new learning standards: inquiry, resource management, writing, speaking and mathematics.

The celebration includes the awards ceremony at Cargill's world headquarters, breakfast with Mike Martin, University of Minnesota dean of the College of Agricultural, Food and Environmental Sciences and a mock trading session at the Minneapolis Grain Exchange.

The Ukrainian youth competition included 1,200 students in the Ukraine Economics Olympiad, with teachers using the same curriculum materials as the U.S. counterparts. The three prize-winners, selected from 105 finalists in March, were invited to visit Cargill's main office in Minnetonka and join the Minnesota students for their awards ceremony.

The MCEE is a nonprofit, nonpartisan organization, founded in 1961, which seeks to provide Minnesotans with the economic understanding they need to function effectively in a complex, global environment. Programs are delivered through a network of university-affiliated centers for economic education including the University of Minnesota.

In addition to Cargill, General Mills and Land O'Lakes contribute to the celebration.

Contacts:

Denise Lotton, Cargill, (612) 742-2034

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7/6/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Embargoed until 7 a.m. Monday, July 6.

**U OF M CARLSON SCHOOL'S CENTER FOR ENTREPRENEURIAL STUDIES
TO EXPAND WITH \$2.5 MILLION GIFT; HIRES CO-DIRECTOR DOUG JOHNSON**

The University of Minnesota has received a \$2.5 million lead gift from Robert and Gail Buuck to expand the Carlson School of Management's Center for Entrepreneurial Studies (CES). The donation will allow the center to quadruple its course offerings, add faculty, deliver more professional education programs geared to business formation and enhance its links to the business community. A top cadre of students seeking entrepreneurial education will be recruited and added to the MBA program over the next several years.

It also was announced on Monday, July 6, that Doug Johnson, a noted Minnesota high-tech entrepreneur, has been hired as CES co-director. Johnson, who formally joins the Carlson School July 20, will be responsible for forging new links between entrepreneurs and the center, its students, faculty and staff.

Johnson, designated as the center's "entrepreneur-in-residence," has a background in the entrepreneurial community. As a general partner of Norwest Venture Capital, Johnson oversaw the review of hundreds of business plans annually. Johnson also was responsible for the successful turnaround of the computer company Mizar, and for the startup and growth of Silicon Biology, a successful software company.

The University of Minnesota's Carlson School of Management is ranked the 10th-best public business school in the nation by U.S. News and World Report in its 1998 survey, and is considered one of the most innovative MBA programs due to its extensive ties to the Twin Cities business community.

The strengthened program is designed to attract a broad array of interest within the business community, including that of engineering graduates. The Twin Cities is home to one of the nation's largest concentrations of NASDAQ-listed companies, many in the medical device and computer technology area.

"This is a high tech, high-end program comparable to the entrepreneurship centers at Carnegie Mellon, MIT, Rennslear Polytechnic and Stanford University," said Carlson School Dean David Kidwell. "The sizable Buuck gift and Johnson's acceptance of the co-director position are two

(More)

Carlson School--2

significant statements as to the commitment the business community has towards helping Minnesota continue to produce high-growth companies."

Expansion plans for the center include developing an integrated program of courses and co-curricular activities centered in entrepreneurship at the graduate level. The proposed curriculum includes courses in areas such as new product and business development, business plan preparation, business growth strategy, venture finance, internal corporate venturing and managing entrepreneurial businesses.

Local technology businesses also will benefit from many of the courses planned for the CES curriculum. The plan includes an expansion of the New Product and Center for Entrepreneurial Studies Business Development field study course that joins MBA students with graduate students in engineering. Working on-site at local technology-based companies, student teams work together with area companies to take a new product from idea to prototype.

A mentoring program pairing CES students with local entrepreneurs also is planned. According to Mary Nichols, former associate dean of academic programs, the business community's response to the mentoring plan has been overwhelmingly positive. "Many successful business people have been mentored themselves," said Nichols. "They see mentoring as a way to get involved and give something back."

One part of the CES' expansion plan already in place is the University of Minnesota Business Plan Competition. The competition, open to entrepreneurs inside and outside of the university, drew more than 100 entries in 1998, its first year.

The vision for the CES is to be a "professional learning community" linking academic and entrepreneurial resources from throughout the community, according to professor Richard Cardozo, academic co-director of the center. "We will make use of the 'living laboratory' this region provides, dedicate our academic efforts to the discovery and dissemination of knowledge about entrepreneurship and act as a catalyst for new business formation and growth. We will be helping to create the new Medtronics of the world, thanks to the generosity and support of the Buucks."

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7/6/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Audio is available from the University of Minnesota Newsline at (612) 625-6666.

U OF M, SENEGAL MOVE TOWARD NEW AGRICULTURAL AGREEMENT

Representatives of the University of Minnesota's College of Agricultural, Food, and Environmental Sciences (COAFES) and College of Natural Resources (CNR) and the government of Senegal will sign a Declaration of Cooperation that lays the groundwork for establishing a joint program of graduate education and rural economic development centered on agriculture at 9 a.m. Thursday, July 9, in Room 274 McNeal Hall, on the Twin Cities campus/St. Paul.

Official signers are Michael Martin, COAFES dean and interim vice president for agricultural policy at the university, and Moustapha Niasse, minister of state for the Ministry of Foreign Affairs. Attending Thursday's ceremony are Martin, CNR Dean Alfred Sullivan, Kent Crookston, head of the department of agronomy and plant genetics; Ambassador General Mouhamadou Mansour Seck, ambassador of Senegal to the United States; and Seynabou Ly, consul for the Embassy of Senegal in Washington. Niasse has already signed the document and will not attend the ceremony.

As proposed, the project, called "le Senegal Agricole" (Agricultural Senegal), would allow up to 500 Senegalese to work for master's and doctoral degrees in agriculture and natural resource fields at American universities through the University of Minnesota. The project is modelled on the university's Morocco Project, through which Moroccans received 240 master's and 130 doctoral degrees and led to an ongoing collaboration between the university and its partner institution, the Institute of Agricultural and Veterinary Sciences, Hassan II, in Morocco. Following that experience, le Senegal Agricole would require graduate students to perform their research projects in Senegal, to better prepare them to apply their knowledge to agricultural development in their home country. The project is expected to run for 10 years and cost about \$500 million, funded through the World Bank. The project will be coordinated through the university's College of Agricultural, Food, and Environmental Sciences and College of Natural Resources in collaboration with Enda/SYSPRO, a nongovernmental organization based in Dakar, Senegal.

"During his April visit to Africa, President Clinton called for greater cooperation between the United States and African countries," said Martin. "This project builds upon our success in Morocco and continues to put the expertise of the university on the global stage, showing what we can accomplish by working together."

The first Senegalese students are expected within a year.

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7/6/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Sound bites with Park are available on the Newslite at (612) 625-6666.

U OF MINNESOTA PHYSICIANS TO TEST POTENTIAL ALTERNATIVE TO HEART TRANSPLANT

The National Institutes of Health have awarded physicians at the University of Minnesota one of 20 national grants to investigate an implantable device that takes over the pumping function of the heart for patients dying of heart failure who are not candidates for a transplant.

The study, which will be conducted at Fairview-University Medical Center, is scheduled to begin this month. Patients will receive either standard medical treatment or the device, called HeartMate[®] VE. If proven successful, the two-pound, fist-sized, battery-driven device would be readily available for many patients who suffer chronic heart failure, and it may be an alternative to heart transplant.

Dr. Soon Park, assistant professor of surgery, and Dr. Leslie Miller, professor of medicine, are the university's lead investigators. Miller is a transplant cardiologist who was recruited to the university last year from the St. Louis University School of Medicine to head the department of medicine's cardiovascular division.

The original version of the device, HeartMate[®] IP, was powered by a compressed air generator transported on wheels. It was approved by the Food and Drug Administration for patients whose hearts were critically deteriorating while they awaited a transplant. With the original device, the Fairview-University team has approximately a 90 percent success rate, compared to the national average of 70 to 75 percent. Of 21 patients put on that device at Fairview-University, 15 survived to receive a transplant and four are still on the device and awaiting transplant. (Of the 15 who had a successful transplant, 12 are still living.) The NIH cited these data as a factor in awarding this grant to the physicians.

"There are only 2,300 donor hearts available in the United States annually, while more than 100,000 patients could benefit from heart transplantation," Park said. "This heart replacement therapy is for patients with no other alternative. It has the potential to fully restore their quality of life and may even serve as an alternative to heart transplantation."

For more information on the study or how to participate, call 1-800-US HEART.

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7/8/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**U OF M REGENTS TO VOTE ON NEW SOCCER FACILITY AND
REVIEW PRESIDENT YUDOF'S "REPORT CARD" THIS WEEK**

University of Minnesota President Mark Yudof will recommend that the board of regents "take a major step toward achieving equity for the university's female athletes" by approving construction of a new women's soccer facility at its July meeting this Thursday and Friday. The regents will also hear a report on the president's annual performance review for his first year in office.

The seven-acre soccer facility, including a small building, practice fields, press box and seating for 1,000 (with expansion to 1,500 possible), would be built on the site of the current soccer field at the southwest corner of Cleveland and Larpenteur avenues, on the Twin Cities campus/St. Paul. Yudof has indicated the university will work with neighborhood groups on structural and landscaping designs that would address residents' concerns.

The site has been used by the team since it became an NCAA Division I program in 1993. Portable seats, concession stands and toilets are moved onto the site for the eight to 10 home games per year. "A permanent facility will put our athletes on a par with most of their competitors and will bring us closer to meeting federal guidelines concerning equal opportunities for male and female athletes," Yudof said.

The president's performance review was conducted by a committee of regents appointed by Bill Hogan, chair of the board, in accordance with board policy for annually assessing presidential performance.

Also on the regents agenda is an outdoor barbecue with 35 Twin Cities campus employees selected randomly by computer. An accountant, a mechanic and a veterinary technician are among the guests.

Here are the schedule of committee meetings and a sample of agenda items:

Thursday, July 9

- 8 a.m. Audit, 238 Morrill. Update on plans to resolve "Year 2000" computer problems.
- 10:15 a.m. Facilities, 238 Morrill. Action on construction plans for **women's soccer facility**, architecture building addition.
- 10:15 a.m. Faculty, staff and student affairs, 300 Morrill. Review of proposed changes to sexual harrassment and consensual relationship policies.
- 12:30 p.m. **Barbecue** with randomly selected employees, Coffman Union Terrace.
- 2:15 p.m. Educational planning and policy, 238 Morrill. Review of university outreach programs.
- 2:15 p.m. Finance and operations, 300 Morrill. Quarterly management report.
- 4 p.m. Board of regents, 238 Morrill. Nonpublic meeting for attorney-client privileged matters.

Friday, July 10

- 9 a.m. Committee of the whole, 238 Morrill. Demonstration of CD Rom for incoming students.
- 11 a.m. Board of regents, 238 Morrill. **Report on the president's performance review.**

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7/8/98**

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

University General Counsel Mark Rotenberg will be available for interviews Thursday, July 9, from 5 to 6 p.m. Call (612) 624-4100. A sound bite from Rotenberg is available on the University NewsLine, (612) 625-6666.

U OF M WINS \$58 MILLION CASE AGAINST SOCIAL SECURITY ADMINISTRATION

The U.S. Court of Appeals for the Eighth Circuit ruled Tuesday, July 7, that the University of Minnesota need not make Social Security payments on behalf of medical residents enrolled in the university's graduate medical education programs. The unanimous decision of a three-judge panel, which affirms a May 1997 U.S. District Court decision, has a potential impact on the university of \$58 million.

The case arose from an assessment imposed by the Social Security Administration (SSA) of approximately \$4.7 million in social security (FICA) taxes, plus interest, on amounts not collected from medical residents during 1985 and 1986. The Internal Revenue Service subsequently assessed FICA taxes of approximately \$10.4 million, plus interest, for the period from January 1, 1987, to September 30, 1990. (Interest from the two assessments would have amounted to an additional \$3 million).

In response to the SSA assessment, the university began collecting FICA taxes on medical residents' stipends beginning October 1, 1990, but filed protective claims for refunds of those taxes should the university's position be affirmed in court. The amount of tax refund claims since October 1, 1990, is estimated at approximately \$40 million. About half that will eventually be returned to those medical residents who authorized the university to file tax refund claims on their behalf.

This week's federal appeals court decision held that the medical residents' stipends were excluded from social security tax under a statutory exception for students, as well as the terms of a state-federal agreement governing social security coverage of state employees.

"This is great news for several thousand past and present Minnesota medical residents," said Mark Rotenberg, the university's general counsel. "For years we've been saying that these taxes were improper. Now they can finally expect to get their money back."

By avoiding about \$18 million in tax liability for 1985-1990 and recovering about \$40 million from the government, "the university has achieved the largest legal victory in its history," Rotenberg said.

The decision may have financial implications for academic medical centers and medical residents nationwide. For that reason, the government may seek review of the case by the U.S. Supreme Court.

Attached is a letter being sent to medical residents explaining details about the refund process.

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7/9/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M REGENTS AWARD PRESIDENT YUDOF WITH THREE-YEAR CONTRACT

University of Minnesota President Mark Yudof has accepted a three-year contract offer from the board of regents. The contract, which runs through June 30, 2001, includes a raise of \$50,000 in the first year and a deferred compensation fund which will give him an additional \$50,000 should Yudof stay for the full length of the contract.

"The president's performance has exceeded our expectations," said Bill Hogan, chair of the board. "We note either success or progress in virtually every element of the work plan he presented to us last year. Mark Yudof is a strong leader with creative vision, and frankly, we need to do all we can to keep him here."

The president's annual performance review, conducted by a committee of regents, indicated several key success stories from Yudof's first year, including:

- a successful legislative initiative that "captured the imagination of key constituencies and generated broad-based support"
- promotion of more student-friendly campuses, "from increased e-mail access to the development of additional, high-quality student housing"
- reorganization of central administration with an eye toward trimming administrative costs
- cleaner campuses, which enhance "a sense of community for faculty, staff, students and visitors"
- improved communications with faculty, students, regents, alumni and the citizens of Minnesota

Terms of the new contract call for Yudof to be paid \$275,000 in the current fiscal year (July 1, 1998 - June 30, 1999). The salary will be reviewed annually for the final two years. The deferred compensation package calls for \$10,000 to be placed into a fund at the end of the first year, an additional \$20,000 at the end of the second year and another \$20,000 at the end of the third. The deferred compensation fund can only be collected if he stays for all three years of the contract.

"I am deeply gratified by the confidence shown in me by the board," said Yudof. "It's been an exciting year, one that we hope to build upon in the years to come. I'm very appreciative of the splendid support I have received from faculty, staff, students and from the people of Minnesota."

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7/11/98**

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF MINNESOTA PHYSICIAN NAMED TO U.S. HEALTH AND HUMAN SERVICES POST

Dr. Nicole Lurie, a University of Minnesota physician and researcher known for evaluating the accessibility and quality of health care programs such as managed care, has accepted a position as principal deputy assistant secretary for health in the U.S. Department of Health and Human Services, beginning Sept. 1. She will work closely with Secretary of Health and Human Services Donna Shalala and Surgeon General and Assistant Secretary for Health David Satcher.

In her new position, Lurie will have major responsibilities for the Office of Public Health and Science, providing advice to Shalala on public health issues. She will play a lead role in a national initiative focused on lessening disparity in access to health care, particularly with respect to minority populations.

Lurie made news recently for her survey of physicians' attitudes toward managed care and for her finding that cuts in food stamp benefits adversely affected the health of her patients, most of whom were poor and living in the inner city.

A staff physician at Hennepin County Medical Center, Lurie is also a professor of medicine, family practice and public health. She became director of the department of medicine's division of internal medicine last year and has led the university's primary care initiative.

She is president of the Society of General Internal Medicine, senior associate editor for *Health Sciences Research* and serves on the editorial board of *Medical Care Research and Review* and the *American Journal of Medicine*.

Dr. Jesse Goodman, professor of medicine in infectious diseases and Lurie's husband, will become special assistant for infectious diseases policy in the Commissioner's Office of the Food and Drug Administration. He will continue his research on tick-borne diseases at the university and will also continue as director of infectious diseases.

Following her service in Washington, Lurie plans to return to the university in a position that will emphasize her work in public health policy and her clinical interests in primary care.

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7/15/98**News releases also on WWW at <http://www.umn.edu/urelate/news.html>**

U OF M VETERINARY MEDICINE DEAN ACCEPTS U OF NEVADA POSITION

David Thawley, dean of the University of Minnesota College of Veterinary Medicine, has accepted a position as dean of the College of Agriculture at the University of Nevada, Reno, beginning Sept. 14. He will also serve as director of the Nevada Agricultural Experiment Station.

Thawley has been dean of the college since 1988. In that time he and the faculty have transformed the curriculum, the Veterinary Teaching Hospitals and the college's research initiatives to fit a 21st century perspective. Specifically, the doctor of veterinary medicine curriculum has been revised to permit students to emphasize specific career options. Since 1988 the Veterinary Teaching Hospitals have more than doubled in annual patient load and have increased their income by nearly 200 percent, with revenues rising from \$1.6 million in 1988 to more than \$5 million in 1998. During Thawley's tenure as dean, the college's research program has more than doubled and investments in molecular and cellular biology have resulted in the establishment of the Center for Food Animal Biotechnology, the Center for Advanced Genetic Analysis, the Molecular Diagnostics Center and the Xenodiagnosics Center.

"It is with mixed feelings that we will leave behind great friends and colleagues," Thawley said. "However, Helen and I are very much looking forward to moving to the Reno-Tahoe area, where the snow-capped mountains and topography are so similar to those of our native New Zealand."

An interim dean will be appointed by Frank Cerra, senior vice president for health sciences.

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7/15/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M AGRICULTURAL POLICY VP ACCEPTS POST AT U OF FLORIDA

Michael Martin, the University of Minnesota's vice president for agricultural policy and dean of the College of Agricultural, Food and Environmental Sciences, has accepted the position of vice president for agriculture and natural resources at the University of Florida in Gainesville, effective Oct. 12.

Martin joined Minnesota's faculty in 1992 as associate dean for research, after 15 years on the faculty at Oregon State University. He was named agriculture dean in 1995, and acting vice president for agricultural policy in 1997, a position that was made permanent earlier this month. A native Minnesotan, Martin received his bachelor's and master's degrees in economics from Mankato State University and his doctorate in applied economics from the University of Minnesota.

"Mike Martin has been a great dean and an extremely effective spokesperson for agriculture in the state and nation," said university President Mark Yudof. "His departure is a great loss to the University of Minnesota."

"I leave this post with great confidence that Minnesota's agricultural future is well-secured," said Martin. "President Yudof understands the importance of agriculture to this state. The agricultural community can be assured that his administration is fundamentally committed to maintaining and enhancing the university's role in agricultural research and outreach."

Yudof plans to launch a search for a new vice president and dean in the coming weeks. Martin said he will use the time between now and October to advise the president on the agricultural aspects of the upcoming legislative request, wrap up unfinished business and "leave a clean desk" for his successor.

"The University of Florida is delighted to welcome Mike Martin," said UF President John Lombardi. "Martin has wide ranging experience in agriculture, natural resources and the agricultural industry, and he has consistently demonstrated superior leadership in his various prior positions."

Martin succeeds James Davidson, who retired Jan. 31, 1998.

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7/21/98**

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: George Bloom is available July 23 at (612) 339-6777 or (612) 625-7935. Mead Cavert is available at (612) 721-2643.

LONG-TIME U OF M PHYSIOLOGY CHAIR EUGENE GRIM DIES AT 76

Eugene Grim, 76, who served as chair of the University of Minnesota's physiology department in the College of Medical Sciences from 1968 to 1986, died Thursday, July 23, in Abbott-Northwestern Hospital. Grim had Parkinson's disease for more than a decade. A memorial service is planned for this fall. Burial will be private.

Grim was born July 19, 1922 in Stillwater, Okla., and received his doctor of physiological chemistry degree at the University of Minnesota in 1950. He became a faculty member in 1951 and performed major research in the areas of membrane transport phenomena and gastrointestinal physiology. As department chair, he advised and lectured physiology graduate students, medical students, and was responsible for all physiology undergraduate courses in dentistry, medical technology, physical therapy and the College of Liberal Arts.

Grim received the Lederle Medical Faculty Award for teaching excellence in 1954, and the National Institute of Health Career Development Award in 1968. He also served as an editor for the American Journal of Physiology and the Journal of Applied Physiology, and was published more than 50 times. He also worked for the defense industry as an aeronautical engineer from 1941 to 1943.

Mead Cavert, the University of Minnesota's former medical school associate dean, said Grim continued his research and teaching after Parkinson's began to limit his mobility and speech. "He never really had a retirement," Cavert said. "He loved his work, and the adjectives that come to mind are he was generous with his time whether it was grad students, medical students or faculty. Gene was a very effective leader in a quiet, persuasive, logical and congenial manner."

"He never wore a coat in winter time," said George Bloom, an instructor in the department of physiology. "That was symbolic of his attitude: He didn't let exterior things perplex him. He was department head for 18 years, and it was not a gentle period, but he managed to keep things together." Bloom said a colleague called Grim "Stainless Steel" for "his ability to go through tough situations without getting tarnished by them."

"Most people would think these are platitudes," Bloom said, "but he was a very quiet, gentle, kind and strong man."

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7/23/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**MOTHS, BUTTERFLIES AND EVOLUTION EXPLORED
BY U OF M AT STATE FAIR AUG. 27 - SEPT. 7**

Discover the secrets of evolutionary change through the lives of butterflies and moths at *Morphin! The Science of Biological Change*, a new science exhibit by the University of Minnesota's Bell Museum of Natural History previewing at the Minnesota State Fair Thursday, Aug. 27 through Monday, Sept. 7. The exhibit will be on display at the university's booth in the Education Building, located at 1372 Cosgrove St. on the Minnesota State Fairgrounds in St. Paul.

Based on butterfly and moth research conducted by University of Minnesota entomology professor Susan Weller, the exhibit explores how physical traits are controlled by genes and how scientific research can be simple and fun. The exhibit will feature live caterpillars, a replica of Weller's Itasca State Park collecting campsite and hands-on activities. The exhibit will also highlight the work of other university scientists and reveal how Weller developed her career as an award-winning biologist.

Funding for the exhibit was provided by the National Science Foundation and the Bell Museum. The exhibit will open at the Bell Museum this fall. For more information, call (612) 624-9050.

Contacts:**Nina Shepherd, Bell Museum Public Relations, (612) 626-7254****Mike Nelson, University News Service, mnelson@mailbox.mail.umn.edu, (612) 626-7701****7/23/98****News releases also on WWW at <http://www.umn.edu/urelate/news.html>**

PHOTO OP: The University of Minnesota Solar Car Team leaves Sunday from Minneapolis-St. Paul International Airport at 10 a.m., United Airlines flight No. 1464.

U OF M SOLAR VEHICLE TEAM LEAVES FOR LAND OF THE RISING SUN

The University of Minnesota solar vehicle, Aurora³, will compete in the 1998 World Solarcar Rally in Akita, Japan, from Friday, July 31, to Sunday, August 2. A team of 10 students and recent alumni from six university departments will attend the sixth annual event along with Patrick Starr, professor of mechanical engineering. The team competed in 1995, and finished second in its class and ninth overall.

The race, which features 91 teams, is staged in a carnival-like atmosphere before filled grandstands with many vendor displays and side events promoting clean energy production. It receives broad media coverage, and the University of Minnesota will be one of the few U.S. universities competing. "The team looks forward to this role as youthful ambassadors from Minnesota," Starr said. "One of the lessons of participation in 1995 was that our team attracts newspaper and TV coverage, and with so many Japanese students and professionals wanting to practice English there was almost continuous conversation across national boundaries regarding the design process."

The race is held on a closed circuit, 19.4-mile track that comprises mainly straight and flat sections in the Akita Prefecture about 280 miles north of Tokyo and a few miles from the west coast of Japan. Starr calls the area "the Japanese equivalent of Minnesota." The race lasts 25 hours spanning three days, with the winner accumulating the most laps. Once the event begins, only solar power can be used to charge the vehicle batteries.

The three classes consist of a Free Class, which is entered by research groups with unlimited resources; the Stock Class, which belongs to corporations with limited technology; and the Junior Class, which embraces those with limited resources, such as the University of Minnesota. Starr says the Aurora³ will use almost 40 percent less electrical power to travel at 55 miles an hour than the Aurora II back in 1995. "We expect to improve on our 1995 finish with this vehicle," Starr said.

The university solar vehicle web site is located at <http://www.umn.edu/umnsvp/>.

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7/24/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: A schedule of microbiology institute photo opportunities is attached.

INNER-CITY KIDS TO SLEUTH MYSTERY BUGS AT U'S MICROBIOLOGY INSTITUTE

Unseen forces are at work in Minnesota, causing some crop fields to grow better than others, turning milk into yogurt, transforming garden waste into mulch and letting cows digest grass.

Fifty-one teens from 13 science museums around the country will converge on the University of Minnesota Twin Cities campus/St. Paul to learn what these forces are and how they work at the YouthALIVE! Institute on Microbiology Tuesday through Sunday, Aug. 4-9.

The institute will prepare participants--mostly urban 8th- through 10th-graders from low-income families--to explain microbiology activities such as composting to visitors at their hometown science museums. Scientists from several university departments will give the students a hands-on, crash course in microbiology: what and where microbes are; how big they are; how we detect, count and control them; how they are transmitted; and how we can use them. Students will find answers to these questions when they examine the first stomach of a living cow; make yogurt; examine swabs from their throats; and test how well antibacterial soaps, disinfectants and mouthwashes really work.

The institute is hosted by the university's College of Biological Sciences and the Science Museum of Minnesota, which is sending four teens. Sponsors are the American Society for Microbiology (ASM), the National Association of Biology Teachers and the Association of Science and Technology Centers' "YouthALIVE!" program, which helps children from low-income families get involved in science.

The institute is also part of a larger ASM project, the Microbial Literacy Collaborative, which is partially funded by the National Science Foundation and is preparing a four-part microbiology series for public television that will premier in 1999. Institute activities are intended to complement this series.

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7/24/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U of M microbiology institute photo opportunities



WEDNESDAY, Aug. 5

12:45-2 p.m. and 3-4:15 p.m.

- **Dairy/Fermentation:** Make yogurt (128 Snyder Hall, 1475 Gortner Ave.).
- **Biodegradation:** Visit dairy/swine sewage treatment plant (Animal Waste Facility, 1801 Dudley Ave.).
- **Animals:** Visit cow with opening in its stomach and explore the stomach (Dairy Cattle Teaching and Research Facility, 1478 Fairview Ave.).

2-2:45 p.m.

- Examine swabs from students' teeth, throats and skins (245, 151, 163 and 6 Biological Sciences Center, 1445 Gortner Ave.).

4:15-5 p.m.

- Conduct hand-washing and mouthwash experiments (151 Biological Sciences Center, 1445 Gortner Ave.).

THURSDAY, Aug. 6

1:30-2:30 p.m.

- **Epidemiology exercise:** "Infect" some participants to see how rapidly disease spreads through a population (245, 151, 163 and 6 Biological Sciences Center, 1445 Gortner Ave.).

FRIDAY, Aug. 7 and SATURDAY, Aug. 8

8:45-noon, 12:30-5 p.m. (245, 151, 163 and 6 Biological Sciences Center, 1445 Gortner Ave.).

ACTIVITIES INCLUDE

- **Breadbox Nightmares:** Investigate mold and how it grows.
- **Cabbage Today, Sauerkraut Soon:** Learn how naturally occurring bacteria create certain foods.
- **Yeast on the Rise:** Look at flat vs. fluffy breads and their ingredients.

Media note: Sound bites with Lake are available on the university NewsLine at (612) 625-6666.

U OF M MED SCHOOL ALUMNUS JOHN LAKE IS NEW LIVER TRANSPLANT DIRECTOR

Dr. John Lake has been appointed director of the Liver Transplant Program and head of the division of gastroenterology in the University of Minnesota's Department of Medicine, Dermatology and Neurology. He is a professor of medicine and surgery.

Lake, a medical school alumnus, specializes in liver disease. He was recruited from the University of California-San Francisco, where he worked with Dr. Nancy Ascher, a former U of M transplant surgeon who trained with Dr. John Najarian in the early 1980s.

Before coming to the university, Lake helped found and was medical director of the Liver Transplant Program and associate professor of medicine, division of gastroenterology, for the past 10 years at the University of California, San Francisco.

"He was an outstanding medical student and his return is a credit to the training and opportunities the medical school is able to provide its students," said Dr. Charles Moldow, the medical school's new associate dean for research who supervised Lake's research when Lake was a student.

Lake plans to recruit several junior faculty to bolster liver research on the molecular level and strengthen gastroenterology in all hospitals that participate in the university's gastroenterology teaching and research program. This includes collaboration with the Veteran's Administration Medical Center, Hennepin County Medical Center and Region's Hospital. He also plans to develop new relationships with gastroenterologists throughout the community.

Contact:

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7/28/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: There will be a media availability at approximately 3:30 p.m. on Friday, July 31. Escorted media tours of the tent city are available at any time during the weekend.

STANDDOWN '98 AT U OF M WILL HELP VETERANS AND THEIR FAMILIES



The University of Minnesota will host *StandDown '98* from 7 a.m. Thursday, July 30, to noon Sunday, Aug. 2, at the recreation fields located at 133 19th Ave. S. on the university's west bank, Twin Cities/Minneapolis campus. *StandDown '98* will provide medical, dental, eye, foot and psychological exams for veterans and their families, as well as psychiatric care, legal aid, shelter, food, clothing, hair cuts and job training services. Information about social security eligibility, veterans benefits and substance-abuse counseling will also be available.

The purpose of *StandDown '98* is to give veterans and their families a break from the battles of homelessness, unemployment and personal, medical and legal problems. In military terminology, a stand-down is a brief respite from combat.

StandDown is a growing national movement of veterans helping veterans. According to the National Coalition for Homeless Veterans, approximately 2,400 homeless veterans live in Minnesota, with nearly 1,300 in Hennepin and Ramsey counties combined.

Opening ceremonies for *StandDown '98* are scheduled for 3 p.m. Friday. A media availability will follow.

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7/29/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

The University of Minnesota Solar Car Team arrives Tuesday, Aug. 4, at Minneapolis-St. Paul International Airport at 6 p.m., United Airlines flight No. 0745.



U OF M SOLAR VEHICLE TEAM PLACES FIRST IN JAPAN

Despite a four-day delay getting through customs, the University of Minnesota solar vehicle, Aurora³ finished first in its class and eighth overall in Akita, Japan at the 1998 World Solarcar Rally, which was staged Friday, July 31, to Sunday, August 2. A team of 10 students and recent alumni from six university departments competed in the sixth annual event along with Patrick Starr, professor of mechanical engineering. The team also competed in 1995, when it finished second in its class and ninth overall.

"We expect to improve on our 1995 finish with this vehicle," Starr said before the race.

But that was before the team faced complications getting the car through customs and barely managed to claim it in time for the race. The vehicle had been flown to Japan days ahead of the team.

The race, which featured 80 finishers, was staged in a carnival-like atmosphere before crowded grandstands with many vendor displays and side events promoting clean energy production.

The race was held on a closed circuit, 19.4-mile track that comprises mainly straight and flat sections in the Akita Prefecture about 280 miles north of Tokyo and a few miles from the west coast of Japan. The race lasted 25 hours spanning three days, with the winner accumulating the most laps. Once the event began, only solar power could be used to charge vehicle batteries.

The three classes of competition consisted of a Free Class, which is entered by research groups with unlimited resources; the Stock Class, which belongs to corporations with limited technology; and the Junior Class, which embraces those with limited resources, such as the University of Minnesota. Starr said the Aurora³ used almost 40 percent less electrical power to travel at 55 miles an hour than the Aurora II back in 1995.

The university solar vehicle Web site is located at <http://www.umn.edu/umnsvp/>. Race information is available at <http://www.ogata.or.jp/english/wsr/98wsr/98wsr.htm>.

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Patrick Starr, professor, mechanical engineering, (612) 625-2315
8/4/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Thurlow can be reached at (612) 624-4826.

UNIVERSITY OF MINNESOTA STUDY SAYS PROVIDING ACCOMMODATIONS FOR STUDENTS WITH DISABILITIES RESULTS IN IMPROVED PERFORMANCE

A report that shows academic performance of students with disabilities is improving, sometimes at a faster rate than that of their peers, was recently released by the National Center on Education Outcomes (NCEO) at the University of Minnesota. The report, "Performance Trends and Use of Accommodations on a Statewide Assessment," examines the use of accommodations for students with disabilities in Kentucky, the only state that has fully implemented an assessment system that includes students with disabilities.

Since 1990 the Commonwealth of Kentucky has incorporated the philosophy that all students can learn, and that the educational system must be accountable for the learning of all students. To enable the greatest number of students to participate in the assessments, Kentucky established a comprehensive policy on assessment accommodations: During assessment, students were allowed to use the accommodations that they used during instruction.

Accommodations include such things as allowing extra time for tests, providing students with scribes to record their answers and large-print text tests allowing students with disabilities to essentially bypass their limitations. The assumption behind the use of accommodations is that they should reveal students' true performance levels obscured by disabilities.

The study data, from assessments administered over a three-year period, reflect the performance of more than 99 percent of Kentucky's student population in the grades assessed: grades 4, 8 and 11 and 12.

"We see from the data that performance of students with disabilities increases over time and generally at a rate that is faster than the general student population," said Martha Thurlow, associate director of the NCEO. "What this shows is that it is important to provide accommodations to students with disabilities so that they may continue to learn and excel in a classroom setting."

The primary mission of the NCEO is to provide national leadership in the identification of outcomes and indicators to monitor educational results for all students, including students with disabilities. NCEO addresses the participation of students with disabilities in national and state assessments, standards-setting efforts and graduation requirements.

Contact:

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8/4/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

**Media note: Sound bites with Forster are available on the Newline at (612) 625-6666.
For a list of contacts in intervention communities, call Teri Charest at (612) 624-4604.**

U OF MINNESOTA STUDY SHOWS TOUGH LOCAL LAWS CAN CURB TEEN SMOKING

Citizens who make a concerted effort to restrict teenagers' access to tobacco can significantly influence youth smoking rates in their community. That's according to a University of Minnesota study that will be published in the August issue of the *American Journal of Public Health*.

The research team, led by Jean Forster, an associate professor in the School of Public Health, studied 14 Minnesota communities assigned at random to intervention or control conditions. The seven intervention communities enacted ordinances aimed at curbing teen access to tobacco by penalizing purchasers, increasing the vendor license fee, creating vendor and clerk penalties for sales to minors, banning cigarette vending machines, placing cigarettes behind counters, promoting age-of-sale laws in store windows and/or requiring compliance checks.

Forster's team surveyed more than 6,000 teens in grades eight through 10 before the program began (1993) and after ordinances were enacted (1996). While the rate of teen smoking increased overall in the intervention and control groups, the increase in the intervention communities was significantly less than in the control communities.

The percentage of daily smokers in the intervention communities increased by 1.7 (from 11.6 to 13.3 percent), compared to 6.6 in control communities (from 10.6 to 17.2 percent). The percentage of weekly smokers in the intervention communities increased by 2 (from 15.5 to 17.5 percent), while weekly smoking in the control communities increased by 7.6 (from 14 to 21.6 percent). The percentage of monthly smokers in the intervention communities rose by 3 (from 21.8 to 24.8 percent), while in the control communities it rose by 9.7 (from 20.1 to 29.8 percent). Teens in the intervention communities also reported that they had a harder time purchasing cigarettes and made fewer purchase attempts following the intervention.

The seven intervention communities were Benson, Crookston, Fergus Falls, Litchfield, Montevideo, St. Peter and Waseca. Each city had a community organizer who mobilized a task force of 8 to 15 members. The task forces developed and proposed the ordinances that their city councils passed, and mobilized community support for their adoption.

Contacts:

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Teri Charest, media relations manager, Academic Health Center, (612) 624-4604,
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8/7/98

News releases also on WWW at <http://www.umn.edu/ur/urnews.html>

U OF M REGENTS FACILITIES COMMITTEE TO MEET THIS WEEK

Though the University of Minnesota's board of regents has no regular meeting scheduled in August, its six-member facilities committee will meet at 3 p.m. Thursday, Aug. 13, to consider items related to President Mark Yudof's historic preservation and renewal plan for the Twin Cities campus. The meeting will take place in 238 Morrill Hall.

Here's a sample of the agenda items:

- Action on schematic plans for remodeling Jackson Hall in the medical complex, a major portion of the president's molecular and cellular biology initiative.
- Discussion of the design guidelines for the Molecular and Cellular Biology Building, to be located adjacent to Jackson Hall.
- Action on schematic plans for renovation of Peters Hall, St. Paul, slated to become the home of the School of Social Work.
- Discussion of design guidelines for renovation of Ford and Murphy halls, Minneapolis.

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8/11/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M PRESIDENT YUDOF TO JOIN GOVERNOR'S DELEGATION IN SCANDINAVIA

At the invitation of Gov. Arne Carlson, University of Minnesota President Mark Yudof will travel to Finland and Norway this month as part of a Minnesota business development mission. Yudof will be accompanied by his wife, Judy; Chris Maziar, the university's vice president for research and dean of the graduate school; Frank Cerra, vice president for health sciences; Robert Kvavik, associate vice president; Ted Davis, dean of the Institute of Technology; Robert Elde, dean of the College of Biological Sciences; and Kjell Knudsen, dean of the School of Business and Economics on the Duluth campus. The delegation departs from the Twin Cities Sunday, Aug. 16, and returns Sunday, Aug. 30.

Mankato State University President Richard Rush will also join the delegation. The two presidents said they hope to strengthen relationships between Minnesota's higher education systems and universities and businesses in Scandinavia, focusing specifically on the high technology and medical industries.

Here are highlights of the group's itinerary.

Monday, Aug. 17. Meeting with University of Helsinki (Finland) officials on developing cooperative agreements and reception for faculty and students with a Minnesota connection.

Tuesday, Aug. 18. Meeting with University of Helsinki chancellor and visit to its biocenter.

Wednesday, Aug. 19. Visit to Helsinki's University of Technology and School of Economics; meeting to discuss potential for future educational and business cooperation; reception to honor holders of the university's Finnish Chair.

Thursday, Aug. 20. Meeting with Republic of Finland President Martti Ahtisaari and departure for Oslo, Norway.

Friday, Aug. 21. Meeting at University of Oslo to develop educational and research ties.

Monday, Aug. 24. Meeting at Health Ministry to discuss medical cooperation.

Tuesday, Aug. 25. Meeting with Minister of Trade and Industry.

Wednesday, Aug. 26. Meetings at SINTEF Research Institute in Trondheim, which promotes public-private cooperation in medicine and engineering.

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8/13/98

News releases and more at WWW at <http://www.umn.edu/urelate/news.html>

Media note: Embargoed by JAMA until 3 p.m. Tuesday, Aug. 18. Sound bites with Hunninghake will be available at that time on the Newsline at (612) 625-6666.

HORMONE THERAPY DOES NOT PROTECT WOMEN WITH HEART DISEASE FROM FUTURE HEART ATTACKS OR CORONARY DEATH

Researchers at 18 medical centers nationwide, including the University of Minnesota, have found that hormone therapy does not decrease the overall risk of heart attack and coronary death among postmenopausal women with a history of heart disease. The study will appear in the Aug. 19 *Journal of the American Medical Association* (JAMA).

The four-year study involved 2,763 postmenopausal women with a history of heart disease, 290 of whom were from Minnesota. Approximately half the women went on a hormone therapy of estrogen and progesterin, while the others took a placebo.

Among the women on hormone therapy, 172 suffered coronary events such as heart attack or heart attack death. In the placebo group, 176 women suffered such events. Also, women on the therapy had a greater incidence of gall bladder disease and blood clots in the legs and lungs.

"We recommend that women with a history of heart disease not take hormones for the prevention of future heart attacks," said Dr. Donald Hunninghake, professor of medicine (cardiology) and pharmacology at the University of Minnesota. "We do not recommend that women currently taking the therapy stop treatment. This study does not pertain to younger, healthy women, nor to those who may be taking estrogen only."

This is the first double-blind, randomized clinical trial to look at hormone therapy as a preventive treatment for women with a history of heart disease. Earlier observational studies indicated that hormone therapy may prevent heart disease. Hunninghake said the differing results may be because the observational studies were not designed to eliminate potential bias, included participants who were young and healthy, and did not evaluate the early effects of the treatment.

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8/17/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

FORMER U OF M BUSINESS SCHOOL DEAN, C. ARTHUR WILLIAMS, DIES

The funeral for C. Arthur Williams, 74, will be Friday, August 21, at 10 a.m. in the Holcomb-Henry-Boom Funeral Home. Williams, the former dean of the University of Minnesota College of Business Administration--now the Carlson School of Management--died Sunday, Aug. 16, at his home after a long illness.

He was internationally known in the field of risk management, and in 1993 was inducted into the International Insurance Society Hall of Fame during a ceremony in Tokyo. He also received the Elizur Wright Award from the American Association of Risk Management in 1993 for his work, "An International Comparison of Workers Compensation."

Williams resigned his departmental chair in 1978 after seven years in the position. He became the Minnesota Insurance Industry chair in 1980, and that chair was named after him upon his retirement in 1992. Williams wrote several books and monographs on risk management and insurance.

"I had a hand in putting together a number of chairs," said former colleague Mario Bognanno of the Carlson School. "His was one of those I most fondly recall. I knew Arthur nearly 30 years, and we went round and round about subjects, but it was never a matter of personality. He was crisp, humble and fresh, and during his tenure, it was a period when the faculty at Minnesota felt very close to the chair."

He was born March 6, 1924, in Blakely, Penn., and attended Columbia University from 1941-47, majoring in mathematics and statistics. He received his doctorate from Columbia in 1952, and later that year joined the university faculty as an assistant professor.

He was a weather officer in the U.S. Air Force during World War II, and became dean of the university's College of Business Administration in 1972. He was as a consultant for various interests, including Cargill, Inc., the Minneapolis Public Library Board, the insurance departments for Minnesota and New York, McGraw-Hill Publishing, Temple University and the U.S. Bureau of Labor Standards.

Williams also served on the board of directors of the Minnesota Capital Credit Union, Minnesota State Council on Economic Education, St. Paul Companies and Consumers Union. He was president of the Minnesota Capital Credit Union from 1967 to 1968, and chair of the Minnesota Council on Economic Education from 1975 to 1977.

"Art Williams was the quintessential academic and public servant," said John Fossum, the Carlson School's chair of management and economics. "He was an internationally recognized scholar in the area of social insurance, particularly social security."

"His teaching was challenging and meticulously prepared. His service to the business school as dean significantly contributed to the progress and stability of the school during his tenure, and his work was highly relevant academically and practically, and cut across traditional departmental boundaries."

He is survived by his wife, Roberta; and two sons, Bruce of Hartford, Conn., and Robert of New Brighton, Minn.

Visitation will be Thursday, August 20, from 4 to 8 p.m. at the funeral home, 515 West Highway 96 in Shoreview. Memorial gifts can be made out to the University of Minnesota Foundation for the C. Arthur Williams Scholarship Fund at the Carlson School of Management.

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8/17/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M COLLEGE OF VETERINARY MEDICINE NAMES KLAUSNER INTERIM DEAN

Dr. Jeffrey Klausner has been named interim dean of the College of Veterinary Medicine at the University of Minnesota, effective Monday, Sept. 7. He will fill the vacancy left by Dr. David Thawley when Thawley takes a new position at the University of Nevada, Reno this fall.

Klausner, professor of veterinary medicine, has been on the faculty since 1977 and has been chair of the department of small animal clinical sciences since 1992.

A native of Baltimore, Klausner received a degree in veterinary medicine from the University of Georgia and a master of science degree from the University of Minnesota. He performed a clinical internship at Angell Memorial Animal Hospital in Boston and then a medical residency at the University of Minnesota College of Veterinary Medicine, which he completed in 1977.

"Dr. Klausner is exceptionally well qualified to lead the College of Veterinary Medicine," said Dr. Frank Cerra, senior vice president for health sciences. "A national search for a dean will begin this fall."

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8/17/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

media advisory

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*****Television news program producers:
Experts who can talk about the items and
the exhibition are available for booking.
They can bring to your studio items
similar to those found in the exhibit**



'A WORK IN PROGRESS.'

...Is a rare peek into the evolution of one of the more unusual museums in the Midwest, the Goldstein Gallery.

"A work in Progress" showcases objects from the museum's permanent collection, such as World War II underwear, Neolithic Chinese pottery, designer fashion, textiles that represent various ethnic groups and cultures, shaker furniture and dress and shoes from the past three centuries.

The Goldstein Galley is a museum of design. It sees art in the everyday things we use and the clothes we wear.

"A Work in Progress" is an opportunity for the community to understand the collections and goals of this teaching museum, which are to collect, instruct, research and reach out to the community.

The exhibit is broken into four sections, each corresponding to a part of the museum's mission. The display is designed to show the acquisitions from recent collecting, the ways in which collections are used for teaching, research by faculty and students and the interactions between the museum and the community.

The exhibition opened in July and will continue through November 1.

The Goldstein Gallery is located in McNeal Hall at 1985 Buford Avenue on the University of Minnesota /St. Paul campus.

The exhibit is open Monday, Tuesday, Wednesday and Friday from 10 am to 4 pm, Thursdays from 10 am to 8 pm and Saturday and Sunday from 1:30 pm to 4:30 pm or to the media by special permission.

There is no admission charge.

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8/18/98

starwatch

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UNIVERSITY OF MINNESOTA SEPTEMBER STARWATCH

by Deane Morrison

In September the slow creep of darkness accelerates to a run as the sun plummets southward on its celestial rollercoaster. The earlier sunsets become more noticeable, and so do the later sunrises, although to a lesser extent because more people are up at sundown than sunup. This year, in addition to the regular fall events, we get a full moon that glides through a wisp of Earth's shadow and a *pas de deux* between Mercury and Venus in the glow of the rising sun.

Mercury begins the month low in the east before dawn, just above and to the right of brighter Venus. The two planets converge, and on the 11th they make their closest approach, with Mercury passing less than a full moon width to the left of Venus. Mercury soon drops below the horizon, leaving Venus as a solitary beacon in the sun's foreglow.

Regulus, the brightest star in the spring constellation Leo, begins September low in the morning sky, beneath Mercury and Venus. But watch the pattern change as the planets sink and the star rises. On the 7th Regulus appears between Mercury and Venus, and by mid-month the star has climbed far above its planetary companions. By the 30th it will have moved to the neighborhood of Mars, which appears as a faint ruddy dot above Regulus. If you have binoculars, try to see the thick knot of stars that surrounds the Red Planet. This is the Beehive cluster, a beautiful feature of the night sky in the early months of the year.

Jupiter and Saturn are also up at dawn, but evenings offer a better view. Jupiter's big yellow disk commands the sky from its perch below the Great Square of Pegasus. On the 15th Jupiter is directly opposite the sun, which means the giant planet rises at sunset and shines all night. Jupiter will move westward as the days go by and will continue to dominate the night sky for the rest of the year.

Saturn rises about two and a half hours after Jupiter, trailing behind the southeastern corner of the Great Square. Its rings are still favorably placed for telescopic viewing.

September's full moon--the fruit moon--arrives the morning of the 6th. Viewers on the West Coast and in Hawaii will see the moon sink into Earth's penumbra, or lighter outer shadow. In the Midwest, however, we'll be lucky if this slight lunar eclipse yields even a hint of shadow before the moon sets. That's because the eclipse is at its most intense when the moon is over the middle of the Pacific Ocean, just out of sight from this part of the country.

The Milky Way forms a pale sash of stars draped across the evening sky from northeast to southwest. Nestled in or near this "river of light," the stars of the Summer Triangle are still high in the sky at nightfall. Far to the south, the bright star Fomalhaut makes its entrance in the east and the Teapot of Sagittarius takes a final bow in the west.

Rosh Hashanah, the first day of the Jewish year, begins at sundown on the 20th, which is also the date of the new moon that falls nearest to the autumn equinox. Compare this system for dating the new year to that of the Celts, who celebrated the new year halfway between the fall equinox and the winter solstice, a date we now call Halloween.

The equinox ushers in autumn at 12:38 a.m. CDT on the 23rd. At that moment the sun crosses the Equator and enters the southern sky. Day and night are equal all over the planet, but after that the periods of daylight and dark undergo a shift. For the six months preceding the fall equinox, daylight lasts longer at more northern latitudes. After the equinox, the situation is reversed. Now it's the South Pole's turn to experience the "midnight sun."

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Starwatch is a monthly guide to the night sky in the Upper Midwest. For a taped version from the University of Minnesota astronomy department, call (612) 624-2001.

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8/21/98

Starwatch is also on the WWW at <http://www.umn.edu/urelate/news.html>.

Embargoed by the American Chemical Society until 4 p.m. Central time Sunday, Aug. 23. Hecht can be reached in Boston, starting Saturday, at the Fairmont Copley Plaza Hotel, (617) 267-5300. Video news release and b-roll available via satellite: Sunday, 4 pm-3:15 pm Central: SBS6 (74 Degrees West), Transponder 2 Vertical. Downlink Frequency: 11749.5 MHz, Audio 6.2/6.8; Monday, 10 am-10:15 am Central: SBS6 (74 Degrees West), Transponder 5 Horizontal. Downlink Frequency: 11823.0 MHz, Audio 6.2/6.8.

TOBACCO CARCINOGENS CAN REACH FETUSES, U OF MINNESOTA STUDY FINDS

A team of researchers led by University of Minnesota Cancer Center chemist Stephen Hecht has found residue from a tobacco carcinogen in the urine of newborns whose mothers smoked during pregnancy. The finding is the first evidence that exposure to the carcinogen, known as NNK, can begin before birth. Hecht will present the work on Monday, Aug. 24, during the American Chemical Society National Meeting at the Hynes Convention Center in Boston.

Hecht said there are no previous reports of carcinogens or their breakdown products in the urine of newborns. And, although it's hard to link prenatal exposure to tobacco smoke to childhood cancers, he said his findings represent an unacceptable risk to unborn children.

"Only 39 percent of smokers quit when they become pregnant, a fact that underscores the addictive power of nicotine," said Hecht. "Thus, the developing fetus can potentially be exposed to toxic and cancer-causing agents in cigarette smoke in those women who continue to smoke." Hecht called NNK, derived from nicotine and found only in tobacco, "one of the strongest carcinogens in tobacco smoke."

NNK has been linked to tumors in hamsters and mice. Offspring of NNK-treated hamster mothers develop tumors of the lung, trachea, larynx, nasal cavity, adrenal glands and pancreas, while offspring of mouse mothers have liver and lung tumors. When given to animals after birth, NNK is a potent lung carcinogen in mice, rats and hamsters and is likely to be a causative agent for lung cancer in smokers, Hecht said.

The researchers took first urine samples from 48 newborns, 31 of whose mothers smoked during pregnancy. Of those 31, 22 had detectable urinary levels of two breakdown products of NNK--known as NNAL and NNAL-Gluc. None of the 17 babies of nonsmoking mothers had detectable levels of either product. Hecht said that the levels in smokers' babies were substantial, considering that exposure to NNK would have taken place throughout pregnancy. He said it is unlikely that the mothers broke down NNK and passed the products (NNAL and NNAL-Gluc) across the placenta to their fetuses because similar substances have been shown to have a difficult time crossing the placental barrier.

Hecht worked with colleagues at the Cancer Center and Heinrich Heine University in Germany.

Contacts:

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8/21/98 News releases also on WWW at <http://www.umn.edu/urelate/news.html>

THE ART OF AMAZON EXPLORER MARGARET MEE OPENS AT U OF MINNESOTA BELL MUSEUM SEPT. 19

The artwork of self-taught naturalist and Amazon explorer Margaret Mee is the subject of *Margaret Mee: Return to The Amazon*, a new exhibit of 85 botanical watercolors and drawings on display beginning Saturday, Sept. 19, at the University of Minnesota's Bell Museum of Natural History.

A public opening for the exhibit will be held Sept. 19, from 1 to 4 p.m. at the Bell Museum. This family event will feature a performance of rainforest music, exhibitions of botanical illustrations and a chance to meet an interpreter playing the role of Mee.

Born in England and a long-time resident of Brazil, Mee made the first of her 15 trips to the Amazonian rainforest in the early 1950's at age 43. Until her death in 1988, Mee spent much of her life battling malaria, hepatitis and chain saws in an effort to document and preserve the region's vanishing flora. Mee is credited with discovering many of the plants in the exhibit—some of which are now thought to be extinct.

The exhibit will also feature replicas of Mee's jungle hut and field equipment, information on Amazonian ecosystems, displays of tropical plants and Mee's most famous painting—the elusive moonflower, a plant that blooms once a year, and only at night. On loan from England's Royal Botanic Gardens, the exhibit will be on display through Dec. 13, 1998. The museum is open to the public from 9 a.m. to 5 p.m. Tuesday through Friday; 10 a.m. to 5 p.m. Saturday; and noon to 5 p.m. Sunday.

Contact:

**Nina Shepherd, Bell Museum Public Relations, (612) 626-7254,
8/24/98**

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: A copy of the University of Minnesota CD-ROM is available. Contact Jim Thielman, University News Service, (612) 624-0214.

U OF M CD HELPS INCOMING STUDENTS GET ON LINE, ADJUST TO CAMPUS LIFE

University of Minnesota incoming freshmen recently received two CD-ROMs that will allow them to easily initialize their student internet accounts, take virtual tours of the campus and acquaint themselves with campus life--all before they arrive on campus.

The Internet Welcome Kit was mailed to 6,000 incoming freshmen this summer. So far, 2,000 new student Internet accounts have been initialized, according to Shih-Pau Yen, director of Academic and Distributed Computing Services (ADCS). Yen directed the effort, which came about after students asked university President Mark Yudof last year to devise a better way for them to access Internet accounts. A proposal was approved in February 1998, and the project began in March.

"This was President Yudof's vision, and it was a collaborative effort involving many departments and individuals," Yen said.

The university teamed with Perceptual Media a Twin Cities company that creates interactive media through the World Wide Web, CD-ROM and other media.

"New students will have the opportunity to get a real feel for the campus before the first day of class even begins," said John Hobday, vice-president of Perceptual Media. "It will personalize the University of Minnesota for students and make them feel more at ease as they begin their college experience. I wish I had something like this when I went to college."

The packet mailed to students has two CD-ROMs. The Internet Toolkit contains all the software needed to use the university's Internet services. The Welcome Kit contains animated training modules to explain the process of initializing accounts. It also provides practical information about the campus, employment opportunities, residence halls, insurance, where to buy books, information on getting involved in campus activities, traditions, sports, museums and the Twin Cities.

The kit was designed to complement and reinforce the information provided in the university's existing New Student Orientation Program. ADCS also created a special website that goes beyond the information contained on the CD-ROMs. The website address is <http://www.umn.edu/welcome>.

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8/25/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Robert Buuck

Robert Buuck is a Twin Cities-based entrepreneur and co-founder of two Minnesota companies — American Medical Systems, a urologic medical products company now owned by Pfizer, and Iotek, Inc., a drug delivery company. He received his bachelors degree in 1970 and masters in business in 1972 from the university. He serves on the Carlson Entrepreneurial Studies advisory board.

Robert and his wife, Gail, are long-time supporters of the University of Minnesota. Robert Buuck graduated from high school in Alexandria, Minn., and funds scholarships to the University of Minnesota for Alexandria graduates.

"We have always thought of the university as one of the 'crown jewels' of the state," said Robert Buuck. "Our gift was made to help the university further the impact it already has in the development of technology and business in Minnesota. Gail and I feel that the Carlson School's plans to expand the Center for Entrepreneurial Studies will benefit not only the University, but also allow the region's entrepreneurial community new and meaningful opportunities for involvement at the university."

**UNIVERSITY OF MINNESOTA TO CELEBRATE
MAROON AND GOLD DAY IN EDINA THURSDAY, SEPT. 17**

Maroon and Gold Day, a daylong celebration of the University of Minnesota's ties with the people and community of Edina, will take place Thursday, Sept. 17. Activities planned for the day include appearances by Goldy Gopher and free performances by the University of Minnesota Marching Band and the science-demonstration troupe Physics Force.

Created to recognize and strengthen the university's ties with area communities, the event is sponsored by the University of Minnesota Alumni Association and the University Foundation. Organizers hope that this will be the first in a series of events in which the university "goes on the road" to bring a sample of the university's best to Minnesota communities. The effort is also designed to highlight connections between the university and community health care, education, art, business and civic organizations. "Edina has about 1,000 students currently enrolled at the university, 5,000 residents who are alumni, as well as many ties with the university, making it a fitting launch site for this program," said University President Mark Yudof, who will be on hand throughout the evening activities.

Throughout the day, Goldy Gopher will make appearances at Edina schools and downtown businesses. University students and staff will make presentations and perform demonstrations in the schools and meet with representatives of various community organizations. In the evening, the whole community is invited to free performances by the marching band and the Physics Force.

SCHEDULE OF EVENTS FOR THE DAY:

- 12:30 p.m.**--A book reading by poet and U of M alumnae Ruth Berman, Room 303, Senior Center, Edina Community Center, 5701 Normandale Road.
- 1 to 5 p.m.**--Goldy Gopher will visit businesses at the 50th and France area, handing out prizes to people wearing maroon and gold.
- 2 p.m.**--Performance of the Physics Force for school children, Edina Community Center Auditorium, 5701 Normandale Boulevard. Goldy Gopher will lead the children from Concord Elementary School to the auditorium.
- 5-6:15 p.m.**--Alumni family picnic at grounds adjacent to the Concord Elementary School. Booths from the men's and women's athletics, University College, Bell and Weisman museums, the Raptor Center and Northrop Auditorium will be set up.
- 6:30 p.m.**--Performance by the U's marching band, led by drum major Andy Richter, a graduate of Edina High School, at Kuhlman Field (corner of Normandale and Benton). The Edina High School band will also perform.
- 7:15--8:15 p.m.**--Public performance by the Physics Force at the Edina Community Center Auditorium.

Contacts:

Dave Mona and Tom Garrison, Alumni Association, (612) 626-4854
Chad Kono, Alumni Association, (612) 625-9183

8/31/98 bs

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: The investigators will be available at 1 p.m. TODAY (Tuesday, Sept. 1), in 1460 Mayo Bldg., 420 Delaware Street S.E., Minneapolis. Photos of Haase's research will be available, and his lab will be open for photos. Sound bites with Haase are on the Newline at (612) 625-6666.

U OF MINNESOTA DESIGNATED A CENTER FOR AIDS RESEARCH BY NIH

The University of Minnesota, along with three other Midwestern universities, has been designated a Center for AIDS Research (CFAR) by the National Institutes of Health (NIH). The investigators will receive between \$6 million and \$7 million over the next five years to fund projects within the university and to provide seed money for innovative research ideas in the community.

The group, known as the Great Lakes CFAR, also includes investigators from Northwestern University (Chicago), the University of Wisconsin-Madison, and the University of Michigan-Ann Arbor. It is one of 12 announced by the NIH this year for a total of 17 CFARs nationwide.

This was the first time that the Minnesota group, led by Ashley Haase, head of microbiology, applied for the designation. Haase's research on the molecular level has received international acclaim, most recently when his team discovered a mechanism by which HIV is produced and stored in lymph tissue.

"I don't think anybody has quite the unified strengths that we're going to bring to the table, particularly in tissue analysis, gene therapy, pharmacology of HIV drug therapy and work in animal models," Haase said.

"This center provides a new opportunity for patients to participate in ground-breaking research that will advance our understanding of how HIV works in the human body and provide new possibilities for therapy," said Tim Schacker, assistant professor of medicine and co-investigator with Haase. He estimates that there are between 3,000 and 4,000 AIDS patients in Minnesota, most of whom live in the Twin Cities and could benefit from clinical trials at the university.

Contacts:

Ashley Haase, M.D., Ph.D., (612) 624-4442, ashley@lenti.med.umn.edu
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Teri Charest, Academic Health Center Communications, (612) 624-4604

9/1/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

PHILIP LARSEN NAMED INTERIM AGRICULTURE DEAN AT U OF M

Philip Larsen, professor of plant pathology and associate dean of the University of Minnesota's College of Agricultural, Food, and Environmental Sciences, has been named interim dean, pending approval by the university board of regents. He will assume his new duties gradually between Oct. 1 and Oct. 26. Current Dean Michael Martin has resigned to take a similar position at the University of Florida.

Larsen headed the department of plant pathology from 1985 to 1994 and has been associate dean for research at the college for two years. He said his priorities for the college include enhancing the undergraduate experience, playing a major role in the reorganization of the biological sciences, furthering ties to the Minnesota State Colleges and Universities system and revitalizing the university's Rosemount research facility.

"I am committed to the initiatives begun under Mike Martin's tenure," said Larsen. "I will work hard to maintain and enhance the college's service to everyone who has a stake in what we do."

"Phil Larsen will provide both the leadership and continuity required to move the college forward and promote further development of academic programs, particularly in the biological sciences," said Executive Vice President and Provost Robert Bruininks.

"We are confident that he will provide effective support to our work with the agricultural industries community and will ensure that agricultural policy is appropriately represented in the upcoming legislative session," said university President Mark Yudof.

Contact:

Deane Morrison, (612) 624-2346, dmorris@mailbox.mail.umn.edu

9/2/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: A ricing ceremony focusing on the importance of wild rice to the Anishinaabe people is set for 10 a.m. Thursday, Sept. 3, at The Shooting Star Casino near Mahnommen.

FACULTY BUS TRIP KICKS OFF NEW U OF M TRIBAL PARTNERSHIP

More than 60 percent of adults on the White Earth Reservation are unemployed, and two-thirds of its children live in poverty. In an effort to help improve that quality of life, the University of Minnesota's College of Agricultural, Food, and Environmental Sciences (COAFES) will begin a partnership with tribal governments when it sponsors a visit by bus to the area near Detroit Lakes, Minn., on Wednesday, Sept. 2.

About 50 faculty members from COAFES, the Hubert H. Humphrey Institute and the Academic Health Center will participate in the tour, which departs from the St. Paul Student Center at 4 p.m. Wednesday, Sept. 2. The trip is intended to acquaint residents with the expertise and resources the university has to offer this large community in northern Minnesota. The visit ends Friday, Sept. 4.

The reservation has many agricultural and natural resource issues, including weed control in wild rice beds, challenges that affect the fish supply, plus forestry and farmland concerns. With a new democratic government and tribal college, the White Earth Band is in position to partner with the university and address these critical issues.

The itinerary includes a wild rice harvest and processing demonstration that will feature an explanation of the cultural, historical and economic significance of wild rice to the tribe. A tour of the reservation includes a meeting with the tribal government. A community-hosted traditional feast featuring a children's drum group is scheduled on the reservation Thursday, Sept. 3 at 6 p.m.

The tour is a partnership among COAFES, the University of Minnesota Extension Service, the White Earth Tribal Executive Council, Pathways to Educational Partnership and White Earth community members.

This outreach program is part of Visions for Change (VFC), a national program implemented through land-grant universities to improve citizen involvement in charting the future of their land-grant university. VFC is a collaborative effort led by the University of Minnesota, South Dakota State University and North Dakota State University.

Contacts:

Magi Adamek, COAFES associate director, (612) 624-7451

Jim Thielman, University News Service, thielman@mailbox.mail.umn.edu, (612) 624-0214

9/2/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

This release at: <http://www1.umn.edu/urelate/newsservice/newsreleases/bustrip.html>

not the usual suspects

University News Service
6 Morrill Hall
100 Church St. SE
Minneapolis, MN 55455
612-624-5551

UNIVERSITY OF MINNESOTA SOURCE ON 'DO PARENTS MATTER?'

A new theory is sweeping across the country, one that says parents and parenting don't matter to the ultimate development of a child. Alan Sroufe, with the University of Minnesota's Institute of Child Development, says parenting does indeed matter, and he has been studying child development for more than 20 years. "There is increasing, solid information that early care does matter. It predicts later development better than any other single thing that can be measured," says Sroufe. "Early experience is the foundation--the basis--for strong supporting structures in a child's life. Good quality care is associated with fewer behavior and emotional problems." While some researchers claim that peer groups are the most important element in a child's development, Sroufe says peers are only one element that impacts the life of a child. A well-cared-for child ultimately results in a well-adjusted, resourceful and independent person. "A child who has nurturing parents will get along with his or her peers, cooperate better within a group and possibly become a strong leader in his or her peer group," says Sroufe. Sroufe can be reached at (612) 624-1035 or Srouf001@maroon.tc.umn.edu. News Service contact, Susan Ahn, ahn@mailbox.mail.umn.edu, (612) 624-8038.

U OF M RAPTOR CENTER CELEBRATES 25 YEARS WITH FALL BIRD RELEASE

Now in its 25th year of healing birds of prey, the University of Minnesota Raptor Center will hold its annual fall bird release from 10 a.m. to 3 p.m. Saturday, Sept. 19, at Hyland Park Reserve in Bloomington. The event includes a 5K Run for the Raptors at 10 a.m., plus a children's fun run, displays of resident raptors and educational programs.

Several hawks and owls will be released at noon and 2:30 p.m. The fun run, for children 9 or younger, will be held between the 5K event and the noon release. The event also features birds and members of the Minnesota Falconers Association and information about tracking osprey migrations on the Raptor Center's Web site.

Registration for the 5K run will be held between 8 and 9 a.m. The entry fee is \$14.

Established in 1974 within the university's College of Veterinary Medicine, the Raptor Center has developed new medical and surgical techniques for treating wild birds. Nearly 700 birds of prey are treated at the center each year; many are endangered species. The center is a private nonprofit organization that raises 85 percent of its operating budget through private donations and fees from educational programs. For more information, call the center at (612) 624-4745.

Contacts:

MaryBeth Garrigan, Raptor Center, (612) 624-3031

Deane Morrison, University News Service, (612) 624-2346, dmorris@mailbox.mail.umn.edu

9/4/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M'S ELDER LEARNING INSTITUTE TO HOST OPEN HOUSE SEPT. 16

The University of Minnesota's ElderLearning Institute (ELI) will preview its fall programs at an open house from 2 to 4 p.m. Wednesday, Sept. 16, at the Willey Hall auditorium on the west bank campus.

University President Mark Yudof will offer greetings at the open house, and retired Guthrie Theater actors June Gibbons and Shel Goldstein will provide entertainment. The event is free, and people of retirement age are especially invited to attend.

ELI, a voluntary, noncredit education and service program for older adults that began three years ago, offers small group discussions, tours and special events throughout the year. This year, 30 programs are being offered. They range from studies of health and wellness to Japanese culture, mapmakers, perspectives on aging, architectures of the Twin Cities and current issues. Edu-Tours are scheduled to Colonial Williamsburg, Guatemala and the Mary Cassatt exhibit at the Chicago Art Institute. Last year, 300 seniors participated in the courses, many of which are taught by retired university professors.

Contact:

Steve Benson, ElderLearning Institute, (612) 624-7847

9/4/98 bs

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M REGENTS TO MEET IN MARSHALL THURSDAY AND FRIDAY, SEPT. 10, 11

For what is believed to be the first time, the University of Minnesota board of regents will hold its monthly meetings at a non-University of Minnesota setting when it meets on the campus of Southwest State University (SSU) in Marshall Thursday and Friday, Sept. 10 and 11. Regents will discuss the conceptual framework for the upcoming legislative request, discuss partnerships between the university and the Minnesota State Colleges and Universities (MnSCU) system and vote on schematic plans for the new Early Childhood Development Center on the Crookston campus.

The typical setting for meetings is the university's Twin Cities campus; periodically the board has met on the university's other campuses and the University Rochester Center. This month the board will meet in Marshall at the invitation of SSU President Doug Sweetland. SSU is part of MnSCU.

"We're delighted to accept President Sweetland's invitation to come to southwestern Minnesota," said Bill Hogan, chair of the board. "This setting symbolizes the board's commitment to serving all the people of Minnesota, as well as the renewed spirit of cooperation between the University of Minnesota and other public higher education institutions in our state."

"Southwest State University and the community of Marshall are excited to welcome the board of regents to Marshall," said Sweetland. "Land grant universities play a critical role in our economy. We're delighted to be working more closely with the U. Our partnership to offer a four-year U of M agronomy degree--agricultural industries management--to our students has been enthusiastically embraced by the region. We hope to explore more such opportunities with the regents and university administrators while they're here."

Here's a sample of the agenda items. Except where noted, all meetings will take place in the Student Center West Conference Center.

Thursday, Sept. 10

- Noon. Lunch with Southwest State President Sweetland.
- 1:15 p.m. Facilities committee. Action on schematic plans for Early Childhood Development Center on the Crookston campus.
- 1:15 p.m. Faculty, staff and student affairs committee.
- 3:30 p.m. Audit committee. Update on "enterprise systems" project (DEFINE).

Friday, Sept. 11

- 8 a.m. Board of regents. Student Center East Conference Room. Nonpublic meeting to discuss attorney-client privileged matters.
- 9 a.m. Committee of the whole. Discussion of conceptual framework for biennial request.
- Noon. Board of regents.

Contact

Bill Brady, bbrady@mailbox.mail.umn.edu, (612) 625-8510

9/4/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

U OF M LAW SCHOOL ALUMNUS IRVING SHAPIRO GIVES \$1 MILLION FOR STUDENT AID

Irving Shapiro, a 1941 graduate of the University of Minnesota Law School, has given the school a \$1 million gift to create an endowment from which emergency loans will be made to university law students during crises. Shapiro had the benefit of emergency loans while attending law school at the university and would have been unable to complete his studies without them. In announcing the gift, Dean E. Thomas Sullivan said he was "deeply grateful to Mr. and Mrs. Shapiro for their generous and thoughtful contribution and for their leadership in supporting, through the Law School, the next generation of leaders who may be struggling financially."

The eldest son of Lithuanian-born immigrants who settled in Minnesota, Shapiro began working in his family's dry-cleaning shop when he was 8 years old, and ran the business as a teenager when his father became ill. Shapiro credits the chance to attend the University of Minnesota with changing his life. "Coming out of the Depression, it meant a great deal to be able to attend the university," he said.

After graduating from law school, Shapiro joined the United States Department of Justice. In 1951, he began his career with E.I. duPont de Nemours & Co., and in 1974 became the first person in the history of DuPont to rise to chairman and chief executive officer through a career in law, and the first non-family member to head the world's largest chemical company. Upon retiring from DuPont in 1981, Shapiro joined the law firm of Skadden, Arps, Slate, Meagher, and Flom. He is credited with bringing the firm into the forefront of the movement to integrate business practices into the legal profession. Earlier, he established the Law School's Irving S. Shapiro Fund, which maximizes opportunities to advance teaching, learning and research by providing discretionary funds to the dean of the Law School.

Shapiro's service to the university includes presiding as national chairman of the campaign to establish the Hubert H. Humphrey Institute of Public Affairs and as the national chair for the Law School's annual Partners in Excellence fund drive. He received an Outstanding Achievement Award from the university in 1975.

Irving and his wife, Charlotte, were married in 1942. Charlotte also graduated from the University of Minnesota with a degree in social work. They have two children, Stuart and Elizabeth.

Contacts:

**Terri Mische, Law School communications coordinator, (612) 625-6584, misch002@tc.umn.edu
Mike Nelson, News Service, (612) 626-7701, mnelson@mailbox.mail.umn.edu**

9/10/98**News releases also on WWW at <http://www.umn.edu/urelate/news.html>**

WHAT: U of M Midway Job and Opportunity Fair
WHEN: Wednesday, Sept. 16
WHERE: Spruce Tree Center, corner of Snelling and University avenues, St. Paul
CONTACT: Irene Rodriguez, University UNITED, (612) 647-6711

U OF M MIDWAY JOB AND OPPORTUNITY FAIR SET FOR WEDNESDAY, SEPT. 16

The Midway Job and Opportunity Fair will be held from 2 to 7 p.m. Wednesday, Sept. 16, at the Spruce Tree Center on the corner of Snelling and University avenues, St. Paul.

The fair, free to the public, is sponsored by the University of Minnesota and University UNITED, a St. Paul community nonprofit coalition of citizens and businesses along a 5.5-mile stretch of University Avenue that promotes economic development. More than 50 vendors offering job opportunities in many fields will be present.

"Employers are looking for skilled, semiskilled, professional, management and entry-level positions," said Irene Rodriguez, director of University UNITED. "They are ready to hire on the spot, so bring your resumes and past employment information and be ready to get a job."

Proceeds from the job fair will go toward community organizations and food banks.

Contacts: Irene Rodriguez, University UNITED, (612) 647-6711
Bob San, University News Service, (612) 624-4082

9/14/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

What: NASA Gives U of Minnesota \$13 million for satellite project

Who: John Wygant, Physics Department, (612) 626-8921

UNIVERSITY OF MINNESOTA CHOSEN BY NASA FOR 2001 SPACE MISSION

For nearly three decades, scientists have known that Earth is surrounded by the massive Van Allen radiation belts, which wreak havoc on spacecraft and satellite communications but also play a role in generating spectacularly beautiful auroras. Now, as one of only two universities selected by NASA's new University-class Explorers (UNEX) program, the University of Minnesota will send a spacecraft into the heart of the Van Allen belts to study the forces at work there. The researchers hope that by better understanding these forces--which also operate in virtually every other corner of the universe--they will gain a deeper understanding of how electrical and magnetic forces shape the universe and come closer to predicting hazards to communications--and astronauts. Launch is planned for mid-2001 aboard an Air Force Titan IV rocket.

The university project, along with one from the University of California, Berkeley, was chosen for UNEX from 44 proposals nationwide. UNEX is designed to provide frequent flight opportunities for specific and relatively inexpensive science missions involving students. With only three years to launch, the project will allow many students to be involved in the projects from start to finish.

"This is part of NASA's effort to do more science for less money," said project principal investigator John Wygant, an assistant professor of physics at the University of Minnesota. "It presents us with a tremendous challenge to put this program together on time and on budget."

"We've been building space experiments here since the 1950s," said project manager Keith Goetz, a physicist at the university. "But this is the first time we've been responsible for all aspects of a satellite project from beginning to end."

The five-year, \$13 million project, named the Inner Magnetosphere Explorer (IMEX), will record the forces that spin, accelerate and otherwise control the fates of electrically charged particles that stream from the sun and head earthward at speeds nearing a million miles per hour. Known as the solar wind, these particles--mostly protons and electrons--run into rough sledding when they hit Earth's magnetic

field. The field sends the particles spiraling along its magnetic force lines and boosts their energy by hundreds of thousands-fold. Eventually some particles are guided into the Van Allen belts, which circle Earth at altitudes between about 200 and 20,000 miles. Those altitudes define the inner- and outermost points of IMEX's highly elliptical orbit.

Because very fast, energetic particles in the Van Allen belts have caused spacecraft to fail, Wygant and Goetz expect IMEX to suffer some damage. However, the 350-pound spacecraft provides more shielding than most, so the team expects to get two years of data from it. Its launch date will place it in the Van Allen belts during the height of the 11-year solar cycle, a time when activity is expected to be strongest.

The University of Minnesota is heading a team of investigators from several institutions working on different parts of the project. Minnesota scientists are building IMEX's central instrument, which will measure electrical fields, and also a computer to control all the scientific instruments aboard. The University of Colorado is building the spacecraft. The University of California, Berkeley is providing an instrument, as are NASA's Goddard Space Flight Center in Greenbelt, Md., and the Aerospace Corp.

UNEX is managed by NASA's Goddard Space Flight Center in Greenbelt, Md., for the Office of Space Science in Washington.

Contacts:

John Wygant, Physics Department, (612) 626-8921

Keith Goetz, Physics Department, (612) 624-3520

Deane Morrison, University News Service, (612) 624-2346, dmorris@mailbox.mail.umn.edu

9/15/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

Media note: Keys will be joined by his family and former colleagues at the ceremony. Following the ceremony, he will be honored at a nonpublic luncheon at the D'Amico Cucina restaurant, 100 N. 6th St., Minneapolis, and by testimonials that will follow from 2 to 4 p.m. Reporters are welcome at all events.

ANCEL KEYS, FATHER OF MEDITERRANEAN DIET, K-RATIONS, HONORED AT U

Ancel Keys, retired University of Minnesota professor and world-renowned nutrition scientist, will receive an award from the International Olive Oil Council (IOOC) at 10:30 a.m. Thursday, Sept. 17, in 238 Morrill Hall. It will be the first time that the award will be given to someone other than a head of state. Keys will also be honored by colleagues and friends from 2 to 4 p.m. at the D'Amico Cucina restaurant in downtown Minneapolis.

Keys, now 94 years old, was the first to scientifically demonstrate the link between diet and heart disease with the findings from his Seven Countries Study. In the early 1950s, Keys studied the diets of men in Yugoslavia, Finland, Italy, the Netherlands, Greece, the United States and Japan and found that those with diets highest in saturated fats had the highest cholesterol levels and the most heart attacks.

The Mediterranean Diet Pyramid was based on Keys' work. The diet pyramid is not a prescribed diet, but characterizes the traditional Mediterranean basin eating patterns that are high in plant foods, starches and complex carbohydrates, vegetables and fruits, with seafood, chicken and other meats used as condiments rather than main courses. Most foods are prepared with olive oil, which is high in monounsaturated fat.

Keys is also well known for developing K-rations, the nutritionally balanced meal packets for U.S. soldiers first used during World War II.

The IOOC represents olive oil producers throughout the Mediterranean and Europe. The ceremony and related events are being organized by Oldways Preservation & Exchange Trust, a Cambridge (Mass.)-based food think-tank.

Contacts:

Teri Charest, Academic Health Center Communications, (612) 624-4604
Henry Blackburn, M.D., professor, School of Public Health, (612) 626-9396 or 377-0304
9/15/98

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

What: YMCA Executive to Receive U of M Alumni Service Award
When: 6:30 p.m. Friday, Sept. 18, 1998
Where: Humphrey Center, U of M West Bank
Who: Marvin Trammel, U of M Alumni Association, (612) 475-1858
Contact: Bob San, University News Service, (612) 624-4082

FORMER U OF M ALUMNI ASSOCIATION PRESIDENT TO RECEIVE AWARD

MINNEAPOLIS/ST. PAUL--Marvin Trammel, the first African American to serve as national president of the University of Minnesota Alumni Association (UMAA), will receive an Alumni Service Award from the University of Minnesota Friday, Sept. 18. The award recognizes alumni for their service and contribution to the University and UMAA.

A native of Kansas, Trammel graduated from the University of Kansas in 1962 with a bachelor's degree. He taught English at his high school for three years before moving to the Twin Cities with wife, Erma, in 1965. He attended the University of Minnesota and graduated in 1973 with a master's degree in education. The Trammels raised their family in the Twin Cities, and Marvin has enjoyed careers in education, the business sector and nonprofit organizations. He has been a senior vice president of operations for the Metropolitan Minneapolis YMCA since 1993.

Trammel, of Minnetonka, joined the UMAA in 1993 and was named the national president for 1996-97. Under his leadership, the UMAA initiated improvements in the regent selection process, finalized plans for the new campus alumni center and participated in selecting a new University president.

"Marv is a selfless leader who has brought vision and clarity to the important role that the alumni association plays in serving both our alumni and the University," said UMAA Executive Director Margaret Carlson. "His hallmark has been the way in which he approaches opportunities and challenges with care and quiet passion and his ability to make sure the right issues were being addressed, the right people were there to discuss them and come up with good solutions."

Trammel has continued to serve the UMAA as one of the alumni representatives on the Senate Committee on Intercollegiate Athletics.

What: Macular degeneration center launch
When: 10 a.m. Saturday, Sept. 19
Where: Bloomington Marriott
Who: Jay Krachmer, M.D., (612) 625-4400

LIONS GIFT AND TWO RECRUITS BOLSTER U'S FIGHT AGAINST BLINDING DISEASE

BLOOMINGTON--In an effort to combat macular degeneration, the leading cause of blindness in the United States, University of Minnesota physicians and the Minnesota Lions will launch the Minnesota Lions Macular Degeneration Research and Rehabilitation Center (the MAC) at 10 a.m. Saturday, Sept. 19, at the Bloomington Marriott Hotel, 2020 E. 79th St. Dr. Timothy Olsen, who was recruited from the University of Wisconsin to direct the center, and Dr. Jay Krachmer, professor and head of ophthalmology at the University of Minnesota, will speak. Joining them will be Dr. Tom Chang of the University of British Columbia. Both Olsen and Chang will join the University of Minnesota faculty Nov. 30.

Macular degeneration is a loss of tissue in the macula, a small area of the retina with a high concentration of vision cells. One in 10 Americans will have the disease by age 60, one in three by age 70. The Lions will raise \$2 million over the next three years for the center, which will be housed in the university's department of ophthalmology.

"Drs. Olsen and Chang are two outstanding young talents who will lead the way in the treatment and research of retinal diseases," said Krachmer. "They are an enormous asset to the department, and I'm confident they will help people with macular degeneration."

Macular degeneration can be classified as either dry or wet. Most people in the advanced stage of the disease have the dry version, which is caused by aging and thinning of the tissues of the macula. For them, vision loss is gradual. Wet macular degeneration is characterized by abnormal blood vessels that grow under the retina and leak blood that blurs central vision. Vision loss is usually rapid and severe, though laser surgery can sometimes stop or slow the disease.

Center physicians and staff are committed to helping anyone who visits the center. The MAC will also make available literature and other educational materials on the topic of macular degeneration.

The MAC is the fourth major project the Lions have supported at the university since 1960. That's the year in which they created the Minnesota Lions Eye Bank, which provides tissue for more than 600 corneal transplants every year. The group also supports the Lions Children's Eye Clinic, created in 1968, and the Lions Research Building, which was built in 1993.

Contacts:

Scott Augustin, Minnesota Lions Eye Bank, (612) 626-6081 or (612) 554-8328 (day of the event)
 Teri Charest, Academic Health Center Communications, (612) 624-4604

What: Convocation, Class of 2002
When: 11 a.m. Wednesday, September 23
Where: Northrop Auditorium and mall
Contact: Jim Thielman, University News Service,
thielman@mailbox.umn.edu, (612) 624-0214

U TO HOLD FIRST CAMPUS-WIDE CONVOCATION FOR NEW STUDENTS SINCE 1969

MINNEAPOLIS/ST. PAUL --Incoming students at the University of Minnesota Twin Cities campus will launch a tradition Wednesday, Sept. 23, when they participate in the New Student Convocation. The event will mark the first time since 1969 the university has held a campus-wide convocation for incoming students.

Held the day before classes begin, the convocation is meant to help create a class identity and celebrate the launch of the academic year. Following the convocation, an informal gathering will begin at noon on Northrop Mall. It will feature, food, music, The Marching Band, demonstrations by student clubs, displays and door prizes that include a new iMac computer, Minnesota Gopher jackets and T-shirts, ski and dining packages, and lunch with President Mark Yudof.

Craig Swan, vice provost for undergraduate education, called the event, "a rite of passage to both create a class identity and help students understand the beginning of their collegiate career is something special." Swan said convocations largely fell into disfavor during the Vietnam era, when many Americans became disenchanted with institutions and eschewed many ceremonies.

The event comprises two segments. The first, Life of the Mind, includes a procession of about 150 faculty from the Washington Avenue bridge to Northrop Auditorium. The procession will arrive as freshman and other incoming students finish viewing a slide show depicting past and present student life. The second segment, Pride and Spirit, will feature food, music, activities and door prizes.

A mace bearer will lead the academic procession from the Washington Avenue Bridge at 10:53 a.m. McKinley Boston, vice president for student development and athletics, will welcome the students and deliver opening remarks. The roughly hour-long event will include a welcoming address by Yudof, plus remarks from members of the board of regents, central administration and alumni association.

In the event of inclement weather, the activities scheduled for Northrop mall will be held in Coffman Union. □

What: 5,000th kidney transplant news conference and celebration
When: 10:30 a.m. Friday, Sept. 25
Where: 11-157 Phillips-Wangensteen Building, 515 Delaware St. S.E.
Who: Dr. David Sutherland, director of transplantation, (612) 625-7600
Dr. John Najarian, kidney transplant surgeon, (612) 625-8444

U AND FAIRVIEW CELEBRATE 5,000 KIDNEY TRANSPLANTS & 35TH ANNIVERSARY

University of Minnesota surgeons reached a medical milestone this month when they performed the 5,000th kidney transplant in the university's history. The transplant physicians and staff and the first patients will mark the milestone at a news conference at 10:30 a.m. Friday, Sept. 25, in the surgery conference room, 11-157 Phillips-Wangensteen Building, 515 Delaware Street S.E. in Minneapolis.

The university physicians are only the second group in the country to transplant 5,000 kidneys. The University of California San Francisco (UCSF) transplanted number 5,000 in 1997. UCSF's first transplant was performed by Dr. John Najarian in January 1964, before he came to Minnesota.

The university's first kidney transplant was performed June 7, 1963, by Dr. Richard Varco. The recipient, Joyce Wallin, is expected to be in attendance at the news conference with her twin sister, Janete Leader. It was Leader who donated a kidney to Wallin. The recipient of the 5,000th kidney, 43-year-old Sharon Carlson from Eden Prairie, is also expected to attend the news conference. She received a kidney and pancreas from a cadaver donor September 6.

Beginning at 12:45 p.m., a symposium will celebrate the milestone and 35 years of transplantation by university physicians. Prominent figures in transplantation will talk about its history, transplantation of other organs, and such advances as the use of islet cells, animal organs and the increase in donations from living donors.

More than half of the 5,000 kidneys transplanted have come from living related and unrelated donors. University surgeons are the only group in the world to transplant all of the following: kidneys, livers, lungs, islets, pancreases and intestines from living donors.

Contact:

Teri Charest, Academic Health Center Communications, (612) 624-4604

starwatch

University News Service
6 Morrill Hall
100 Church St. SE
Minneapolis, MN 55455
612-624-5551

UNIVERSITY OF MINNESOTA OCTOBER STARWATCH

by Deane Morrison

October offers dark skies without numbing cold, and this year two bright planets escort the harvest moon across the sky. The star clusters of Taurus are edging into the sky in the east, but the Summer Triangle still shines in the west. The dark skies also give a couple of famous but faint constellations a chance to be seen.

Venus begins October low in the morning sky and promptly sinks out of sight. On the 30th, our sister planet crosses the far side of the sun. In December Venus will reappear in the evening sky.

The only bright morning planet, Mars sticks close to the white star Regulus, in Leo, in the predawn sky. The planet and star make their closest approach the morning of the 7th; after that, Mars drops below Regulus. Mars, the fainter of the two objects, is slowly gaining altitude and brightness as Earth approaches it from behind.

Jupiter and Saturn share the evening sky, with little competition from bright stars. Jupiter comes out in the south, below the Great Square of Pegasus, followed in the east by Saturn. Although Jupiter outshines Saturn, the ringed planet has much to offer. On the 23rd Saturn is directly opposite the sun from our point of view, so the planet will be up all night. And for those with telescopes, it should be easy to see details of the rings, including the Cassini Division between its major outer and middle rings.

On the 5th, Jupiter and Saturn flank the harvest moon as it sails across the night sky. Known to the Sioux as the dying grass moon, this moon was named by Europeans for its habit of rising sooner than usual from night to night and giving farmers light to work late in their fields. The harvest moon effect happens because at this time of year, the fullish moon is moving rapidly northward from night to night, much like the sun in spring. At this latitude the moon always rises later each night, but at harvest moon time the wait is shorter than usual.

The brightest stars lie mostly in the Milky Way, which stretches across the northern sky from east to west. But Fomalhaut, in the dim constellation Piscis Austrinus (the southern fish), stands out low in

the south below Jupiter. If skies are dark, you might find the Circlet of Pisces, a rather faint star grouping between Jupiter and the Great Square. Star charts will also help in locating the zodiac constellations Aquarius and Capricornus, both west of Jupiter. The Summer Triangle--Deneb in the northeast corner, Vega to the northwest and Altair in the south--still rides high. Just east of Altair, little Delphinus, the dolphin, appears to swim toward the zenith.

Halloween continues the old Celtic holiday of Samhain (Sow'-en), the start of the dark half of the year. On this date the evil spirits that have been cooped up for six months come out and wreak havoc. The Celts used to leave harvested crops to appease the mischievous spirit Pooka, who would spoil any crops still in the field. Our jack o' lanterns survive as lighted offerings to Pooka, and we use sweets to ward off the mischief of tiny ghosts and goblins who come to our doors. Halloween is a cross-quarter day, one of four that fall midway between an equinox and a solstice.

Standard time returns at 2 a.m. on the 25th. Clocks should be set back an hour.

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Starwatch is a monthly guide to the night sky in the Upper Midwest. For a taped version from the University of Minnesota astronomy department, call (612) 624-2001.

Contact:

**Deane Morrison, University News Service, (612) 624-2346,
dmorris@mailbox.mail.umn.edu**

9/23/98

Starwatch is also on the Web at www.umn.edu/urelate/news.html.

What: Human rights expert discusses Tuskegee affair
When: 4 p.m. Thursday, Oct. 1
Where: Mississippi Room, Coffman Union
Contact: Jennifer Gunn, History of Medicine, (612) 624-1909

WOMAN WHO SPARKED TUSKEGEE PRESIDENTIAL APOLOGY TO SPEAK AT U

MINNEAPOLIS/ST. PAUL--Dr. Vanessa Northington Gamble, chairwoman of the committee that initiated a presidential apology for the Tuskegee syphilis experiment, will discuss "The Legacy of Tuskegee: Moving Beyond an Apology," at 4 p.m. Thursday, Oct. 1, in the Mississippi Room of the University of Minnesota's Coffman Union.

Gamble, associate professor of history of medicine and director of the Center for the Study of Race and Ethnicity in Medicine at the University of Wisconsin-Madison, chaired the Tuskegee Syphilis Study Legacy Committee. The committee's work led to President Clinton's 1997 apology to the victims and families affected by the Public Health Service's study of untreated syphilis in black men from 1932 to 1972.

As a historian of medicine, Gamble has published extensively on the development of black hospitals and segregation in health care. She is currently working on a collective biography of six black female physicians whose experiences are a lens for viewing the interplay of race, gender, and medical practice in the 20th-century United States.

Gamble's visit to the University of Minnesota is sponsored by the Program in the History of Medicine, the Medical School Office of Minority Affairs, the Medical School, the Graduate School Equal Opportunity Office, the Academic Health Center, the Center for Bioethics and the Community-University Partnership in Education and Services.

Contacts:

Jennifer Gunn, History of Medicine, (612) 624-1909
Amy Johnson, Academic Health Center Communications, (612) 625-2640, johns423@tc.umn.edu

What: New U of M programs offered in Rochester
Who: Robert Bruininks, executive VP/Provost, at 612-625-0051
Contact: Bill Brady, News Service, brady005@tc.umn.edu, (612) 625-8510

U OF M LAUNCHING SIX NEW PROGRAMS AT ROCHESTER CENTER

ROCHESTER—The University of Minnesota-Twin Cities will add six new programs over the next two years to the line-up of degrees offered through the University Center Rochester (UCR), a partnership between the university and the Minnesota State Colleges and Universities (MnSCU). The programs, developed in partnership with local businesses and institutions, are designed to meet Southeastern Minnesota's needs in information technology, health, management and public policy.

Heading the list of new programs is a bachelor's degree in scientific and technical communication. New this fall, it's the university's first "two-plus-two" agreement with Rochester Community and Technical College (RCTC), in which students spend two years with RCTC before transferring to the university, which will offer its courses through interactive TV, in-person teaching and the Internet.

Other programs soon to join the line-up are:

- in January, a masters degree in the management of technology
- next summer, a doctoral degree in educational policy and administration in partnership with Winona State University and Minnesota State University of Mankato
- in Fall 1999, a masters of social work, a bachelor's in applied health careers and a bachelor's in applied business
- in Fall 1999, a doctoral degree in clinical audiology, in conjunction with the Mayo Clinic. This will be offered through distance learning technology to four other sites nationally.

"These programs are designed to meet the direct needs of the community and the career goals of many citizens in the Rochester area," said Robert Bruininks, the university's executive vice president and provost. "We hope to make them accessible to more people by designing flexible schedules, delivering course content in innovative ways and working with other institutions to make transferring as seamless as possible. We intend our involvement at UCR to be a national model for collaboration across systems. We're tremendously excited by the possibilities."

The new programs join a list of university programs offered through UCR that includes 15 masters, three bachelor's and seven post-baccalaureate licensure and certificate programs. Bruininks was in Rochester on Tuesday, Sept. 29, to discuss future directions with leaders of UCR and partner institutions. Possibilities for new program offerings include a bachelor's in agricultural industries and marketing (modeled after a similar program offered through Southwest State University), a bachelor's in medical technology and masters programs in public policy and information technology and communications. □

What: The Welfare to Work Summit: Where do we go from here?
When: 8 a.m. - 5 p.m. Friday, Oct. 2
Where: Sabathani Community Center, Minneapolis
Who: john powell, Institute on Race and Poverty, (612) 625-5529
Contacts: Lynn Ingrid Nelson, Institute on Race and Poverty,
 nelso355@tc.umn.edu, (612) 822-8471
 Mike Nelson, University News Service,
 mnelson@mailbox.mail.umn.edu, (612) 626-7701

WELFARE-TO-WORK STAKEHOLDERS RATE NEW SYSTEM

More than 100 welfare-to-work stakeholders will meet from 8 a.m. to 5 p.m. on Friday, Oct. 2, at the Sabathani Community Center, 310 E. 38th St., Minneapolis, to assess how well the Minnesota Family Investment Program (MFIP) is working from their points of view. This summit, sponsored by the University of Minnesota Law Center's Institute on Race and Poverty and Public Radio's Civic Journalism Initiative, will bring together business leaders, activists and community members to discuss and grade various aspects of MFIP and to work together to develop proposals for improving the system.

The MFIP program has been operational for several years, and while many families are leaving welfare rolls, certain segments of the welfare population face significant obstacles in making the transition from welfare to work.

The vertical slice of stakeholders at the summit will include employers such as Roger Hale, CEO of the Tennant Corp., as well as individuals like Loreatha Johnson and Shannon Doyle, who are making the transition away from welfare. Policy-makers, including Ramsey County commissioner Susan Haigh, social worker Richard Spratt and others will participate in the summit.

Express Solutions Technology, under the direction of Jayne Marecek and Ken Darling, will lead this full day of interactive discussions. The Institute on Race and Poverty, under the direction of john powell, will produce an interpretive, written report on what was heard during the day. Up to 1,000 copies of the report will then be distributed to key welfare-to-work policy-makers and stakeholders throughout the state and country. □

What: National Symposium on recruiting and retaining faculty of color

When: Sunday, Oct. 18 - Tuesday, Oct. 20, 1998

Where: Radisson Hotel Metrodome, Minneapolis, Minnesota

Contacts: Caroline Turner, conference coordinator, (612) 624-6390

Jennifer Longnion, conference facilitator, (612) 626-7550

Susan Ahn, News Service, (612) 624-8038,
ahn@mailbox.mail.umn.edu

RECRUITING, RETAINING FACULTY OF COLOR IS TOPIC OF NATIONAL CONFERENCE AT U OF MINNESOTA

(Minneapolis-St. Paul) - At a time when affirmative action is under attack, race-based scholarships are under scrutiny and efforts to achieve diversity and equity in higher education are contested, the University of Minnesota will host a national symposium to address recruitment and retention of faculty of color in higher education Oct. 18-20, 1998, at the Radisson Hotel Metrodome in Minneapolis.

This two-day national symposium will provide an arena for dialogue among scholars, practitioners and policy-makers with the goal of promoting a more attractive, welcoming and nurturing workplace for faculty of color.

Plenary speakers come from across the United States and as far away as South Africa to provide insight and engage in dialogue with symposium attendees. "We are very excited about providing an arena for discussion on this issue," said conference coordinator, professor Caroline Turner. "Our goal for this symposium is for participants to leave with creative strategies to address issues of recruiting and keeping faculty of color." □

What: Pharmacist receives Outstanding Achievement Award
When: 2 to 4 p.m. Thursday, Oct. 1, 1998
Where: Eastcliff, 176 N. Mississippi Blvd.
Who: J. Lyle Bootman
Contact: Susan Ahn, University News Service,
ahn@mailbox.umn.edu, (612) 624-8038

J. LYLE BOOTMAN TO RECEIVE U OF MINNESOTA ACHIEVEMENT AWARD

MINNEAPOLIS/ST. PAUL—J. Lyle Bootman, founding director of the Center for Pharmacoeconomics in Tucson, Ariz., will receive an Outstanding Achievement Award from the University of Minnesota at 2 p.m. Thursday, Oct. 1, at Eastcliff, the university president's residence. The award recognizes former students who have attained distinction in their chosen professions or in public service. Recipients also must have demonstrated outstanding achievement and leadership on a community, state, national or international level.

Bootman is currently dean of the University of Arizona College of Pharmacy and president of the American Pharmaceutical Association for 1998-99. He received a doctorate in pharmacy administration from the university in 1978, after which he returned to Arizona to begin his career.

One of two developers of the doctor of pharmacy program at the University of Arizona, Bootman is recognized worldwide for his groundbreaking research into the morbidity and mortality of inappropriate drug use. As dean he has ensured that the College of Pharmacy will be an active partner in the health care delivery team, together with the colleges of medicine and nursing and the School of Allied Health Professions.

Bootman, selected as one of the "50 Most Influential Pharmacists in America," by American Druggist magazine in October 1997, has been a member of the American Pharmaceutical Association for the past 26 years and has been on the board of directors of the Arizona Pharmacy Association for 10 years. □

What: Research study on the campaign for a new Twins stadium to be released
When: 9 a.m. Thursday, Oct. 1
Where: University News Service, Room 6, Morrill Hall, and on the Internet
Who: Edward Schiappa, speech communication, (612) 624-2808
Contact: Mike Nelson, News Service, mnelson@mailbox.mail.umn.edu,
 (612) 626-7701

REPORT CRITICAL OF CAMPAIGN FOR NEW TWINS BASEBALL STADIUM

MINNEAPOLIS-ST. PAUL—The campaign for a new stadium for the Minnesota Twins failed because it lacked central organization and was not effectively coordinated, says University of Minnesota speech communication professor Edward Schiappa in a new study, "Squeeze Play: The Campaign for a New Twins Stadium." Copies of the study will be available at 9 a.m. on Thursday, Oct. 1, in Room 6 Morrill Hall on the east bank of the university's Twin Cities campus/Minneapolis and on the Internet at <http://www.comm.umn.edu/twinsreport>.

The study offers three lessons for the Twins and other sports teams in future stadium campaign efforts: A successful campaign requires centralized decision making and planning with a clear vision of the target audience and its attitudes; sports teams must take an honest and credible case to the people; and, while private lobbying may have succeeded in the past, team representatives are unwise to assume that such efforts will overcome strong community opposition.

Schiappa says the study also provides textbook examples of how the anti-stadium social movement succeeded. The key, says Schiappa, is to frame the issues involved in a political controversy in a way that highlights an injustice, proposes an achievable response, clearly identifies the opposition and has a message that resonates with most or all members of the opposition group.

The study is critical of the argument that a new stadium for the Twins would provide an economic windfall for the Twin Cities. "Economists agree that new stadiums don't provide significant economic stimulus," says Schiappa. "New stadiums don't provide unique economic growth, they only redirect resources from other parts of the economy."

In addition, the study discredits an Arthur Andersen report of the financial impact of a new stadium—paid for by the Minnesota Twins and the lobbying group Minnesota Wins—which found that a new stadium would have significant positive financial impact in the Twin Cities.

The study found that although aspects of media coverage concerning the stadium issue—particularly from the *Star Tribune*—were "annoying" in their pro-stadium bias, overall media coverage was surprisingly thorough and fair. □

What: U of M president's annual State of the University address
When: 3 p.m. Thursday, Oct. 15
Where: Proscenium Theater, Rarig Center, west bank,
Twin Cities campus/Minneapolis
Contact: Bill Brady, News Service, brady005@tc.umn.edu, (612) 625-8510

U OF M PRESIDENT YUDOF TO GIVE 'STATE OF THE U' SPEECH TO FACULTY

MINNEAPOLIS-ST. PAUL—University of Minnesota President Mark Yudof will deliver his first 'State of the University' address at 3 p.m. Thursday, Oct. 15, in the Rarig Center's Proscenium Theater on the west bank of the Twin Cities campus /Minneapolis. Following the speech, expected to last about 20 minutes, Yudof will answer questions from the audience until about 4 p.m., at which time he'll be available to answer questions from reporters for about 15 minutes.

Mult boxes will be available for the electronic media. In addition, the speech will be broadcast via satellite at the following coordinates:

Format: C-Band
Satellite: Galaxy 3R
Transponder: 21
Downlink frequency: 4120 MHz (horizontal)
Site trouble number: (612) 624-3386

Downlink sites for the speech include:

Crookston campus: 15 Hill Building
Duluth campus: 485 Humanities Building
Morris campus: 275 Science Building



What: Budget presentation to U of Minnesota board of regents
When: Friday, Oct. 9
Where: 238 Morrill Hall, Twin Cities campus/Minneapolis
Contact: Bill Brady, brady005@tc.umn.edu, (612) 625-8510

FRESHMAN INITIATIVES HIGHLIGHT U OF M PRESIDENT'S BUDGET PROPOSAL

MINNEAPOLIS-ST. PAUL—This week University of Minnesota President Mark Yudof will propose a biennial budget built on a theme of enriching the undergraduate experience. He will present his proposal to the board of regents during its meetings Wednesday through Friday, Oct. 7-9.

The cornerstone of the plan is an expansion of freshman seminars--small classes of 10 to 20 students, taught by a faculty member, emphasizing critical reading and extensive writing. The budget proposes spending \$32.6 million over two years toward the goal of becoming the first major American public university to offer all entering freshmen on all four campuses a small-group seminar experience.

"We're seeking to combine our breadth of programs and research opportunities with the humane personal characteristics of the best small private colleges," said Yudof. "When people think about large public research institutions, we want them to think of the U as the one that treats its undergraduates right. It's where every student feels like an honors student."

As part of the plan, Yudof seeks to increase faculty-staff compensation by \$96 million. "The research efforts funded last year and the undergraduate initiatives we now seek can only be implemented with a talented staff and faculty," he said. "We simply must pay competitive salaries to succeed."

The budget, which also includes increases of \$37 million for health education and \$24 million to promote a "climate of quality service," assumes an average increase in tuition rates of three percent.

The budget discussion is scheduled for Friday morning. Here's a sample of committee agenda items.

Wednesday, Oct. 7

Noon. Litigation review, 325 Morrill. Nonpublic meeting for attorney-client privileged matters.

Thursday, Oct. 8

- 8 a.m. Shuttle tour of capital building projects, leaves from Radisson Metrodome.
- 9:45 a.m. Facilities, 300 Morrill. Action on plans for women's soccer facility north of Gibbs Farm.
- 9:45 a.m. Faculty, staff and student affairs, 238 Morrill. Faculty/graduate student compensation.
- Noon. Lunch with first-year students. Basics Sciences/Biomedical Engineering building atrium.
- 1:45 p.m. Educational planning and policy, 300 Morrill. New demands on health education.
- 1:45 p.m. Finance and operations, 238 Morrill.

Friday, Oct. 9

- 9 a.m. Committee of the whole, 238 Morrill. Presentation of biennial budget plan.
- 11:30 a.m. Board of regents. □

What: Titanic discoverer speaks at U of M
When: 7 p.m. Monday, Oct. 26
Where: University of Minnesota's Ted Mann Concert Hall
Who: Robert Ballard, Titanic discoverer, oceanographer
Contact: Nina Shepherd, Bell Museum Public Relations, (612) 626-7254

TITANIC DISCOVERER, OCEANOGRAPHER ROBERT BALLARD TO SPEAK AT U OF M

MINNEAPOLIS-ST. PAUL-- Robert Ballard, the oceanographer made famous by his 1985 discovery of the Titanic, will speak at 7 p.m. Monday, Oct. 26, at the University of Minnesota's Ted Mann Concert Hall on the Twin Cities/Minneapolis campus. Ballard will discuss his adventures in search of the Titanic, his discovery of the German battleship Bismarck and his most recent search for the USS Yorktown, the World War II carrier that sank during the Battle of Midway in 1942.

Ballard will also discuss science education in American schools and the JASON Project, his award-winning science program for middle-schoolers that allows students to participate in live science explorations with him around the world.

The event, sponsored by the university's Bell Museum of Natural History, is free but advance tickets are required. Call (612) 624-9050 for tickets and more information. □

What: U of M president's annual State of the University address
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Where: Proscenium Theater, Rarig Center, west bank,
Twin Cities campus/Minneapolis
Contact: Bill Brady, News Service, brady005@tc.umn.edu, (612) 625-8510

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Downlink frequency: 4120 MHz (horizontal)
Site trouble number: (612) 624-3386

Downlink sites for the speech include:

Crookston campus: 15 Hill Building
Duluth campus: 485 Humanities Building
Morris campus: 275 Science Building



What: Internet/electronic commerce conference
When: Monday and Tuesday, Nov. 9-10
Where: U of M Carlson School of Management (CSOM)
Who: Les Wanninger, CSOM, (612) 624-1874
Contact: Jim Thielman, University News Service,
thielman@mailbox.mail.umn.edu, (612) 624-0214

U OF M ELECTRONIC COMMERCE CONFERENCE TO FOCUS ON CUSTOMERS

MINNEAPOLIS / ST. PAUL -- Electronic commerce is an "evolutionary process rather than a revolution," according to Les Wanninger, chair of the third annual University of Minnesota Conference on Electronic Commerce to be held Monday, Nov. 9, and Tuesday, Nov. 10, at the Carlson School of Management on the west bank of the university's Twin Cities/Minneapolis campus. Wanninger, a conference speaker and professor at the university's Carlson School, says part of the current evolution of electronic commerce is developing and enhancing relationships with existing customers.

"Relationships with customers and suppliers is a key portion of electronic commerce," Wanninger said, "and electronic channels are a way for companies to build relationships and trust with current customers. These relationships are a key portion of extended research we've been doing in a project we have received funding for through a National Science Foundation (NSF) grant." Wanninger said companies have already used the Internet to solve consumer and supplier problems and thus build a bond with customers and suppliers that could not be addressed with other methods.

Wanninger said the conference "cuts across all lines of business functions" to include advertising, marketing, operations and fulfillment, and technology. He said about 140 people participated in the first conference, and 200 registered last year.

The opening-day agenda begins with registration at 7:30 a.m. and concludes at 5 p.m. Sessions include "Using the Internet to Build Customer Relationships," "Responding to Customer's Electronic Messages" and "Satellite Technology and the Internet." The second day's session starts at 8 a.m. and concludes at 3:45 p.m.

Registration fee is \$395 before Oct. 15, and \$495 afterward. There are various academic, alumni and nonprofit rates ranging from \$195 to \$345. Those enrolling after Nov. 2 should call (612) 625-5886 for availability. Further registration information is available by calling Maureen Smith at (612) 625-1832. Her email address is msmith1@mail.cee.umn.edu. □

What: *USA Today* founder Allen Neuharth to speak at U of M
When: 12:15 p.m. Thursday, Oct. 8
Where: Cowles Auditorium
Contacts: Elaine Hargrove-Simon, Silha Center, hargr003@gold.tc.umn.edu,
 (612) 625-3421
 Mike Nelson, News Service, mnelson@mailbox.mail.umn.edu,
 (612) 626-7701

ALLEN NEUHARTH, FOUNDER OF *USA TODAY*, TO GIVE U OF M SILHA LECTURE

MINNEAPOLIS-ST. PAUL—Allen Neuharth, founder of the newspaper *USA Today*, will share perspectives from his 48 years of experience as a reporter, columnist, publisher and CEO of Gannett Company, Inc., when he delivers the 1998 Silha Lecture "Can the Press Be Both Free and Fair?" at 12:15 p.m. Thursday, Oct. 8, at the Humphrey Institute's Cowles Auditorium on the west bank of the university's Twin Cities campus/Minneapolis.

Neuharth will discuss the reasons behind recent notable media lapses, such as the *Time/CNN* nerve gas story, free-lancer Stephen Glass' fabricated articles in the *New Republic* and the Chaquita tapes controversy and settlement at *The Cincinnati Enquirer*. Neuharth will address whether these lapses were caused by a lack of standards or ethics, or by overemphasis on sensational stories.

A native of Eureka, S.D., Neuharth is best known for successfully starting the national newspaper *USA Today* in 1982 despite widespread skepticism within the media community. At that time, he was chairman and CEO of Gannett Company, Inc., the nation's largest newspaper chain. During Neuharth's 19 years as president, chairman and CEO, Gannett's annual revenues increased from \$200 million to 3.1 billion.

Neuharth, author of the 1989 best-selling autobiography *Confessions of an S.O.B.*, began his newspaper career as an Associated Press reporter in his native state, then worked his way into management at newspapers in New York, Michigan and Florida, including the *Miami Herald* and the *Detroit Free Press*. In 1990, he was named the most influential person in print media for the 1980s by the *Washington Post Review*.

Since retiring in 1989, Neuharth has spoken on the international lecture circuit and appeared on national television and radio talk shows. He has written seven books, and also writes "Plain Talk," a weekly column which appears in *USA Today* and other Gannett newspapers.

The Humphrey Institute is located at 301 19th Ave. S. on the west bank of the university's Twin Cities campus/Minneapolis. □

What: Kenneth Starr to participate in Law School symposium
When: 8:15 a.m. Saturday, Oct. 24
Where: Room 125 Willey Hall
Contacts: Terri Mische, Law School, misch002@maroon.tc.umn.edu,
 (612) 625-6584
 Mike Nelson, News Service, mnelson@mailbox.mail.umn.edu,
 (612) 626-7701

INDEPENDENT COUNSEL KENNETH STARR TO SPEAK AT U OF M LAW SCHOOL

MINNEAPOLIS-ST. PAUL—Kenneth Starr, Office of the Independent Counsel, along with 11 of the nation's leading executive-branch scholars, will participate in a national symposium commemorating the 25th anniversary of the U.S. Supreme Court's decision in *United States v. Nixon*, beginning at 8:15 a.m. Saturday, Oct. 24, in Room 125 Willey Hall at the University of Minnesota.

Starr will not speak to reporters before or after the symposium. Media are invited to attend the 8:15-10:30 a.m. portion of the symposium when Starr will participate in a panel discussion, but must arrive before 8:15 a.m. to set up equipment in a designated media area. Media must remain in that area for the entire panel discussion, which is scheduled to end at approximately 10:30 a.m.

Participants will present papers examining various issues that have grown out of the *Nixon* decision, including the scope of executive privilege and the constitutionality of the independent counsel. Starr, along with Mark Rozell from the University of Pennsylvania, Dawn Johnsen from Indiana University School of Law, Saikrishna Prakash from Boston University School of Law and Julie O'Sullivan from Georgetown University Law Center will participate in Panel I of the day-long symposium, titled "The Scope of the Doctrine(s) of Executive Privilege in the Twenty-five Years after Nixon."

The symposium, one of many Homecoming events sponsored by the Law School, will be hosted by the Law School and the *Minnesota Law Review*. Willey Hall is located at 225 19th Ave. S. on the west bank of the Twin Cities campus/Minneapolis. □

What: Materials science at U of M nets \$7.7 million

Who: Frank Bates, (612) 625-6606, or Michael Ward, (612) 625-3062

Contact: Deane Morrison, U News Service, dmorris@mailbox.mail.umn.edu, (612) 624-2346

MATERIALS SCIENCE AT U OF M AWARDED \$7.7 MILLION

MINNEAPOLIS-ST. PAUL—The National Science Foundation has awarded the University of Minnesota a 4-year, \$7.7 million grant for a new Materials Research Science and Engineering Center (MRSEC). With this grant, the university joins about 24 MRSEC institutions nationwide. The award is designed to help recipient institutions strengthen their infrastructure in the areas of materials science and engineering. The new center, which draws on faculty from numerous academic departments, will reside in the university's Institute of Technology.

Materials scientists study the properties of all kinds of materials, from metal alloys and ceramics to semiconductors and plastics, to explain why they behave as they do and develop better materials for industrial, scientific and consumer use.

"This is intended to bring different disciplines together to go after projects that require an interdisciplinary approach," said Frank Bates, co-director of the new center and professor in CEMS. Michael Ward, also a professor in CEMS, is the other center co-director.

In addition to research, the university's award includes a significant education and outreach educational component. American Indian students at 13 tribal community colleges in Wisconsin, Minnesota and the Dakotas interested in materials science will have opportunities to perform research in the field at the university. A similar program will bring in faculty and students, primarily in the fields of biology, chemistry and physics, from 19 other colleges and universities.

Research funded by the grant will fall into four areas.

- Microstructured polymers. The goal is to create plastics and other polymeric materials with desirable properties; for example, mechanically stronger and lighter plastics for automobiles and polymers that can be processed in water instead of in environmentally damaging solvents.
- Artificial tissues. The emphasis will be on materials to replace and supplement natural bone, blood vessels and connective tissue.
- Magnetic heterostructures. The ever-shrinking world of electronics is making it trickier to put together different types of materials to get working devices. This project will look for ways to manipulate the magnetic properties of various materials to make best use of them in tiny motors, computer chips or other products.
- Porous materials. Goals include creating low-density materials and membranes with microscopic chambers capable of separating molecules according to size and enhancing chemical reactions. □

What: Radiation-resistant, pollutant-eating bacteria
Who: Larry Wackett, biochemistry professor, (612) 625-3785
Contact: Deane Morrison, U News Service, dmorris@mailbox.mail.umn.edu,
(612) 624-2346

UNIVERSITY OF MINNESOTA SCIENTISTS ENGINEER RADIATION-RESISTANT BACTERIA TO ATTACK POLLUTANTS

MINNEAPOLIS-ST. PAUL—Bacteria that stand up to high-level radiation have been engineered to attack pollutants commonly found at radioactive waste sites. The bacteria, the product of work led by University of Minnesota biochemist Larry Wackett, could be further engineered to completely clean up organic solvents at waste sites. The work is published in the October issue of Nature Biotechnology.

The bacteria don't naturally "eat" pollutants, but Wackett inserted genes that enabled the bacteria to attack--but not completely digest--solvents such as toluene and chlorobenzene, which are commonly used as carrier fluids for radioactive materials. Wackett said that with the addition of more genes, the bacteria may be engineered to completely digest the solvents, which can cause severe environmental damage. And there are plenty of solvents to digest: In the United States alone, approximately 3,000 nuclear waste sites still await cleanup.

The bacteria, named *Deinococcus radiodurans*, were discovered about 20 years ago in a can of irradiated meat, said Wackett.

"When exposed to radiation, the bacteria suffer chromosomal breakage and other damage," he explained, "but they thrive because they have tremendous repair mechanisms." In experiments conducted with colleagues Mike Daly and Ken Minton of the Uniformed Services University of the Health Sciences in Bethesda, Md., Wackett found that bacteria placed in a high-energy gamma-ray field were able to attack the pollutants with the same efficiency as did bacteria subjected to no radiation.

Wackett said he and his colleagues are studying the genome of *D. radiodurans* to learn exactly how its metabolic machinery works. That information will be used to engineer the additional genes necessary to enable the organism to completely digest pollutants. □

What: Discovery of new antibiotic drug possibilities
When: Embargoed until 5 p.m. CDT Monday, Oct. 12
Who: David Sherman, associate professor of microbiology, (612) 626-0199,
(781) 631-1752 in Boston, Monday, Oct. 12
Contact: Teri Charest, Academic Health Center, (612) 624-4604

U OF M SCIENTISTS FIND NEW ANTIBIOTIC POSSIBILITIES IN COMMON BACTERIA

MINNEAPOLIS-ST. PAUL—University of Minnesota researchers have discovered that a type of common bacteria may help drug companies develop and produce new antibiotics. Their finding will be published in the October 13 Proceedings of the National Academy of Sciences.

Scientists, including the university team led by David Sherman, have been struggling with the growing public health problem of resistance to antibiotics. Overuse of antibiotics, both in patient treatment and in food production, has encouraged the growth of mutant microorganisms that are resistant to many of the known antibiotics.

The university team has discovered how the common soil bacteria *Streptomyces venezuelae* have organized a molecular assembly line to create four antibiotic compounds at once. They hope to alter this assembly line by genetic engineering to create new anti-infective agents.

Antibiotics such as erythromycin kill microorganisms by blocking protein synthesis. Unfortunately, microorganisms have developed ways to avoid this block. A new class of compounds, called ketolides, are very promising as antibiotics because they kill microorganisms in novel ways. Since *S. venezuelae* naturally produces ketolides, it is now possible to produce these new antibiotics less expensively and in greater numbers than by traditional chemical synthesis.

Many organisms use multiple assembly lines to create related compounds. *S. venezuelae*, by contrast, efficiently uses one assembly line with branch points to create several ketolides at once. By genetically switching the order of enzymes in the assembly, it is possible to create new ketolides. □

What: Bar coding fish

When: 9 a.m. to 2:30 p.m. Thursday, Oct. 22

Where: Trout stream near Hastings

Who: Jerry Grant, (612) 624-7495

Contacts: Nina Shepherd, Bell Museum public relations, (612) 626-7254 (Call for media pass, directions to stream and list of participating schools.)

Deane Morrison, U News Service, dmorris@mailbox.mail.umn.edu, (612) 624-2346

U OF M RESEARCHER TO LEAD 50,000 STUDENTS IN 'BAR CODING' FISH

MINNEAPOLIS-ST. PAUL— More than 50,000 middle schoolers from across the country will join an experiment to track the health and survival of Minnesota fish on Thursday, Oct. 22. The experiment involves tagging fish electronically at a trout stream near Afton State Park near Hastings, Minn.

Researcher Jerry Grant, a doctoral student in the University of Minnesota's fisheries and wildlife department, along with scientists and fly-fishing experts from around the country, will lead the live satellite field trip from the trout stream as part of this year's Bell LIVE!, a yearly science broadcast produced by the university's Bell Museum of Natural History.

At the stream, Grant will demonstrate his techniques on studying trout--specifically, the growth and habitat use of rainbow, brook and brown trout. Grant's research will help determine whether non-native rainbow and brown trout are outcompeting native brook trout for food and space, leading to replacement of brook trout in Minnesota streams.

Grant identifies fish by implanting them with a tiny tag containing a computer chip and antennae and tracks them through a process similar to supermarket bar coding. Fish are caught by stunning with an electric probe, and a tag about the size of a grain of rice is inserted into the abdominal cavity. Each tag transmits a unique code that can be read by a bar-coding wand, allowing the researchers to identify individual fish and gather data on migration patterns, growth and survival rates and other topics.

Through e-mail, telephone and fax, students across the country will interact with Grant, as well as other researchers and experts at the stream. Broadcast times for Bell LIVE! are 9 to 10 a.m., 11 a.m. to noon and 1:30 to 2:30 p.m. All times are CDT.

The goal of Bell LIVE! is to take classroom students behind the scenes of scientific expeditions and to show that science can be fun. This years project aims to teach students about the importance of freshwater ecosystems and how to preserve and protect them in their own hometowns. □

What: U of M Outstanding Achievement (alumni) award
Who: Laddie Elling, (651) 633-1526
Where: St. Paul Student Center Northstar Ballroom
When: 4 p.m. Tuesday, Oct. 13
Contact: Deane Morrison, U News Service, dmorris@mailbox.mail.umn.edu, (612) 624-2346

LADDIE ELLING TO RECEIVE U OF M OUTSTANDING ACHIEVEMENT AWARD

MINNEAPOLIS-ST. PAUL—Laddie Elling, retired professor of agronomy and plant genetics at the University of Minnesota, will receive an Outstanding Achievement Award from the university's board of regents at 4 p.m. Tuesday, Oct. 13, in the Northstar Ballroom of the St. Paul Student Center on the Twin Cities campus/St. Paul. The award, the highest given to alumni, recognizes exceptional achievement in a professional field.

Elling received master's (1948) and doctoral (1950) degrees in plant genetics from the university and promptly joined its faculty. He developed and led the university's alfalfa improvement project for 18 years, and in 1965 he assumed leadership of the forage and grass seed improvement project, which provided a research basis for a major seed production industry in northern Minnesota.

A tireless advocate for undergraduate students, Elling encouraged students to travel and see the agriculture-based industries in which many of them would find careers. In the 1970s, when the university administration refused to permit the use of university vehicles to transport students to regional meetings and/or contests, Elling personally interceded with administration officials to get the policy overturned. In student evaluations, he ranked number one among teachers in the College of Agriculture (now Agricultural, Food, and Environmental Sciences), and in 1971 he received the Horace T. Morse All-University Teaching Award.

Among his many extra-curricular activities, Elling coached the university crop judging team for national competitions in Kansas City and Chicago between 1962 and 1979. His teams won eight consecutive national contests between 1969 and 1976. Twelve students from his teams received highest individual scores in these contests, including the first female highest scorer in the more than 50 years the competitions had been held.

In accepting his award nomination, Elling requested that undergraduate students be present at the ceremony. □

What: Women's cancer research chair established at U of M
Who: Leo Twiggs, M.D., (612) 626-3347, (612) 899-2736 (pager)
When: Wednesday, Oct. 14, 7:30 p.m.
Where: Town and Country Club, 2279 Marshall Ave., St. Paul
Contact: Teri Charest, Academic Health Center, (612) 624-4604

GIFTS ESTABLISH WOMEN'S CANCER RESEARCH CHAIR AT U OF M

MINNEAPOLIS-ST. PAUL--Thanks to contributions totaling more than \$1.6 million from advocates of women's health, the University of Minnesota department of obstetrics and gynecology has established the Shirley A. Sparboe Endowed Chair in Women's Cancer Research. The chair will be formally established during a ceremony at 7:30 p.m. Wednesday, Oct. 14, at the Town and Country Club, 2279 Marshall Ave., St. Paul.

The chair, one of only a few endowed positions in the country dedicated to gynecological cancer research, is made possible through the fund-raising efforts of volunteers serving the university's Women's Health Fund, an affiliate organization of the Minnesota Medical Foundation.

A recent gift of \$500,000 from Robert Sparboe of Litchfield, Minn., ensured the establishment of the chair. Sparboe, president and CEO of Sparboe Companies and a member of the Minnesota Medical Foundation board of trustees, made the gift in memory of his wife, Shirley, who died from ovarian cancer in 1989.


Cancer is the most frequent cause of death among women age 35 to 54 in the United States. Approximately one in 70 women will develop a reproductive cancer in her lifetime.

"Progress is being made to change the statistics for women's cancers, but there are still many challenges to conquer," said Josie Johnson, Women's Health Fund board president. "We are very grateful to the many generous people who have demonstrated their personal interest in increasing the survival rates for women with reproductive cancers."

Annual income from the endowment is expected to help attract an outstanding cancer scientist to the university and provide an uninterrupted source of funding for research in the diagnosis and treatment of ovarian, cervical, endometrial, vulvar and uterine cancers. The holder of the chair will collaborate with other cancer specialists in the university's Cancer Center, which recently became one of only 35 designated by the National Cancer Institute as a "comprehensive cancer center."

"The establishment of this chair represents the university's dedication to women's health and the department's dedication to finding new treatments for gynecological cancers," said Dr. Leo Twiggs, head of the department of obstetrics and gynecology.

University researchers are looking for an effective way to diagnose ovarian cancer early enough to improve survival rates, for methods to deal with residual disease and for new treatment approaches. □

What: Beautiful U Day 
When: Friday, October 23
Where: U of M Twin Cities Campus
Who: President Mark Yudof
Contact: Susan Ahn, University News Service, ahn@mailbox.mail.umn.edu,
 (612) 624-8038

BEAUTIFUL U DAY CELEBRATED FRIDAY, OCT. 23

MINNEAPOLIS-ST. PAUL—As the University of Minnesota rolls on towards its sesquicentennial in 2001, efforts to build pride in and rediscover the heritage of the university continue. As part of this year's Take Pride in U program, Beautiful U Day will be celebrated on Friday, Oct. 23. Events that day will include:

- 9 a.m. Unveiling of the first of five initial Heritage Markers that convey information about the university's history, buildings, people, and points of pride. The first marker, to be installed in front of Northrop Auditorium, celebrates the building's history and the university's second president, Cyrus Northrop. University President Mark Yudof will preside over the ceremony, arriving via horse-drawn carriage accompanied by university employee J.B. Eckert dressed as John Sergent Pillsbury, also known as the Father of the University of Minnesota and John S. Pillsbury, Jr., a Pillsbury family descendent. A series of thirty markers, installed over the next three years, will eventually form the University of Minnesota Heritage Trail.
- 9:30 a.m. Heritage Marker dedication ceremony on the Knoll. The Knoll is a green space bordered by University Avenue, Pleasant Avenue, Pillsbury Drive, and East River Road/14th Street S.E. John S. Pillsbury, Jr., will again be present at the unveiling.
- 10:30 a.m. Cleanup of East River Road from Piek Hall to Weisman Museum.
- 11 a.m.-1 p.m. Free lunch in the Washington Avenue Bridge pedestrian concourse and at the St. Paul Student Center.
- 11:30 a.m. Unveiling of a Heritage Marker at the St. Paul campus on the Lawn. Eligible for listing on the National Register of Historic Places, the Lawn is bordered by Cleveland, Buford, Eckles and Carter avenues.
- 1 p.m. East River Road Parking Ramp demolition on the top level of the parking ramp. Yudof will again preside, operating the crane that will launch the wrecking ball into the ramp's elevator tower. Viewing sites and media parking are available on top of the ramp.
- 1:30 p.m. Chemical Waste Labeling Initiative Kickoff in the Basic Sciences building.
- 3 p.m. Ceremonial flag raising to celebrate the refurbishing of flag poles atop Cooke Hall, being brought back into service after a respite since the days of Memorial Stadium.
- 4 p.m. Grand opening and ribbon cutting at Visitor's Information Center on Pillsbury Drive. □

- What:** National conference on reporting scientific breakthroughs
- When:** October 19-20
- Where:** Oct. 19: 2-260t Carlson School of Mgmt., 321 19th Ave. S, Mpls.
Oct. 20: 2-101 Basic Sciences/Biomedical Engineering building, 312 Church St. SE, Mpls.
- Who:** Ken Keller, (612) 625-0368
David Durenberger, (202) 661-3584
- Contact:** Teri Charest, Academic Health Center, (612) 624-4604

U OF M CONFERENCE EXAMINES COMMUNICATION OF SCIENTIFIC ADVANCES

MINNEAPOLIS -ST. PAUL--Reporters, scientists, health professionals and public policy-makers will come together at the University of Minnesota Oct. 19 and 20 to tackle the issue of how to communicate scientific advances when there is a steady stream of medical progress.

The conference, Science, Information and the Media: Communicating the Promise and the Reality of New Medical Technology, is sponsored by the Medical Technology Leadership Forum based in Washington, D.C. Former U.S. Sen. David Durenberger is the president of the forum, and Ken Keller, a professor in the university's Humphrey Institute, is the current chair.

The two-day session begins at 4:30 p.m. Monday, Oct. 19, in Room 2-260t of the Carlson School of Management. Media representatives will discuss the role of scientists, physicians and the media in explaining advances in medical technology. Panelists include Tim McGuire from the Star Tribune, Joe Palca from National Public Radio and Arnold Relman from the New England Journal of Medicine.

The Oct. 20 session will begin at 8 a.m. in Room 2-101 of the Basic Sciences and Biomedical Engineering building. Biomedical and genetic researchers will talk about breakthroughs on the horizon. Panelists include Dennis Polla, director of the university's Biomedical Engineering Institute; Nancy Parenteau from Organogenesis; and Paul Magee, professor of genetics, cell biology and development at the university. The science-based panel will be followed by a panel discussion on policy issues arising from new research advances.

"Because Minnesota is home to a thriving community of scientific and technological research and development, it is an ideal setting in which to explore the forefront of medical technology research," Durenberger said. □

Note time changes for events on Saturday, Oct. 24.

What: Homecoming, University of Minnesota-Twin Cities
When: Friday, Oct. 16, through Saturday, Oct. 24
Contact: Homecoming Committee, homcomng@tc.umn.edu,
(612) 624-2674

**U OF M TO CELEBRATE 1998 HOMECOMING—'LET'S GET MEDIEVAL'**

The University of Minnesota will celebrate Homecoming 1998 with an array of activities and festivities from Friday, Oct. 16, through Saturday, Oct. 24. Scheduled events include the crowning of royalty, a Homecoming pepfest and bonfire, the traditional Homecoming Parade down University Avenue and the football game vs. Michigan State in the Metrodome. Here's a sampling:

- **Friday, Oct. 16**—Homecoming volleyball game vs. Northwestern, 7 p.m., Sports Pavilion. Midnight Madness men's basketball, midnight, Williams Arena.
- **Saturday, Oct. 17**—Homecoming 5K Run, Walk and Roll, 9 a.m., begins in the Badger parking lot. Volleyball vs. Indiana University, 7 p.m., Sports Pavilion.
- **Sunday, Oct. 18**—Soccer vs. University of Illinois, 1 p.m., St. Paul soccer field.
- **Monday, Oct. 19**—Community Fund Drive kickoff event featuring Channel 9 news anchor Robyne Robinson, 11:30 a.m., Northrop Plaza.
- **Tuesday, Oct. 20**—Homecoming St. Paul Day, including intramural soccer tournament, cheerleading preliminaries and royalty cow milking, all day, Twin Cities campus/St. Paul.
- **Wednesday, Oct. 21**—Homecoming Residence Hall Day, including a volleyball tournament, cheerleading finals and an outdoor movie at dusk, all day, Superblock.
- **Thursday, Oct. 22**—Homecoming Student Unions' Day, all day, St. Paul Student Center and Coffman Union. In-line stunt skating and "Professors' Most Embarrassing Moments."
- **Friday, Oct. 23**—"Beautiful U Day" kickoff event on Northrop Plaza, 9 a.m. Homecoming bonfire, pepfest and crowning of Homecoming royalty, 7 p.m., behind St. Paul Student Center.
- **Saturday, Oct. 24**—Harvest Bowl Farmers Share Breakfast, 7-10 a.m., St. Paul Student Center. Parents' brunch, **8:30-10:30 a.m.**, corner of Pleasant Street S.E. and University Avenue. The 85th annual Homecoming Day Parade, **9 a.m.**, starts at Sanford Hall (11th Avenue S.E. and University Avenue) and ends at Williams Arena (Oak Street and University Avenue). Homecoming football game vs. Michigan State, **11:10 a.m.**, Metrodome. Homecoming Ball, "Camelot, A Night to Remember," 8 p.m., Coffman Union.

For a complete listing of Homecoming events and activities check the Homecoming home page at <http://www.umn.edu/cic/homecoming>. □

www.umn.edu/urelate/news.html 10/16/98

What: Party for U students in expanded housing
When: 2-5 p.m. Sunday, October 4
Where: Coffman Union
Who: Mark and Judy Yudof
Contact: Deane Morrison, University News Service,
dmorris@mailbox.umn.edu, (612) 624-2346

U OF M PRESIDENT SHOWS 'SWING SPACE' STUDENTS A SWINGIN' TIME

MINNEAPOLIS/ST. PAUL--University of Minnesota President Mark Yudof and his wife, Judy, will host a "Swingin' Social" for all students in expanded housing--i.e., temporary motel space or student lounges--from 2 to 5 p.m. Sunday, Oct. 4, at several locations in Coffman Union.

Attending will be women's basketball coach Cheryl Littlejohn, women's hockey coach Laura Halldorson, men's basketball coach Clem Haskins and men's hockey coach Doug Woog. The university swing dance club will demonstrate its art. McKinley Boston, vice president for student development and athletics, will lead the "swing space" students in a swing dance to the music of Trailer Trash. President Yudof will lead a bowling challenge.

Pizza and ice cream sundaes will be served. □

What: Room change for Mark Yudof's class
Where: 204 Pillsbury Hall, 310 Pillsbury Dr. S.E.
When: 2:30 p.m. Wednesday, Oct. 7
Contact: Deane Morrison, University News Service,
dmorris@mailbox.umn.edu, (612) 624-2346

ROOM CHANGE FOR CLASS TAUGHT BY YUDOF, ROTENBERG

MINNEAPOLIS/ST. PAUL--The freshman seminar taught by University of Minnesota President Mark Yudof and General Counsel Mark Rotenberg has been moved to Room 204 Pillsbury Hall, 310 Pillsbury Dr. S.E., Minneapolis.

"Students and the Constitution" will still convene at 2:30 p.m. Wednesday, Oct. 7. Reporters are welcome for the first 15 minutes. A mult box will be available, and Yudof will wear a lapel mike. □

What: U names new dean of School of Medicine, Duluth
Who: Richard Ziegler, Ph.D., (218) 726-7572
Contact: Amy Johnson, Academic Health Center, (612) 625-2640
Susan Latto, University of Minnesota, Duluth, (218) 726-8830

ZIEGLER NAMED DEAN OF UMD SCHOOL OF MEDICINE

MINNEAPOLIS / ST. PAUL--Richard Ziegler, professor of medicinal microbiology and immunology, has been named dean of the School of Medicine at the University of Minnesota-Duluth. The appointment was approved by the Board of Regents Oct. 9.

Ziegler has been interim dean of the school since September 1997, following the departure of Dr. Ron Franks to East Tennessee State University. While interim dean, Ziegler brought the southern St. Louis County Medical Examiner Facility into the school, where autopsies for the southern county are now performed. He also started an integrated system-based curriculum for medical students that includes courses based on the body's systems rather than broad disciplines like biochemistry.

"I am delighted with the appointment of Professor Ziegler as dean," said Dr. Frank Cerra, senior vice president for health sciences. "He is an excellent leader with great respect in the school and the community. He is recognized as an accomplished educator, positioned to lead the school into the 21st century."

Ziegler said he hopes to enhance the school's local, state and national reputation as the home of scholars and innovators within specific areas of medical and interdisciplinary health care professional education, as well as biomedical and rural population-based research. He plans to form academic and community partnerships to share resources and work with faculty to determine long-range objectives and yearly goals.

A native of Norristown, Pa., Ziegler received a bachelor's degree from Muhlenberg College in Allentown, Pa., and a doctorate from Temple University in Philadelphia. His research, supported by the National Institutes of Health, has focused on how components of the HIV virus affect the nervous system. He has been on the faculty since 1971.

The School of Medicine in Duluth was established in 1972 to increase the number of students who choose a career in family practice and make a commitment to serve rural and small town communities. Nearly 60 percent of the school's graduates practice in communities of fewer than 50,000 people. □

McNamara donates \$10 million to U of M

■ The donation

The \$10 million from Richard "Pinky" McNamara is the second-largest gift from a living alumnus. The largest gift was from Curtis L. Carlson, for the amount of \$25 million, announced in 1986.

The McNamara gift will:

- make an impact on the undergraduate experience. Portions of the gift will go to both the College of Liberal Arts and to intercollegiate athletics,
- honor the achievements of university alumni with a portion of the money to be used to complete the new Gateway Alumni /Visitor Center now under construction on the corner of Oak Street and University Avenue, and
- be specifically assigned after talks with university leadership to determine how it will make the greatest impact toward university goals regarding undergraduate education.

■ Background on Richard F. "Pinky" McNamara

- Native of Hastings, Minnesota
- Graduate of the University of Minnesota in 1956
- Student athlete and halfback for the Minnesota Gophers in the 1950s
- Entrepreneur who founded a "mini-conglomerate" of companies he purchased and reorganized under the name of Activar, a Spanish word meaning umbrella. The companies are in the industrial plastics and construction industries.
- Entrepreneurial endeavors began in 1966, with purchase of Seelye Plastics. Spent a decade working with Archer-Daniels-Midland in its plastics division.
- Member of the University of Minnesota Foundation Board of Trustees since 1993. Founder and former president of the M-Club.
- In 1992, McNamara donated \$119,000 in honor of his two University advisers--Vivian Hewer and Mabel Powers--whom he credits with helping him "make his way through the University." This gift established the Mabel Powers/Vivian Hewer Advising Center in the College of Liberal Arts.

■ Contact:

- Linda K. Berg or Martha Douglas, U of M Foundation, (612) 626-3333

What: Alumnus Richard "Pinky" McNamara donates \$10 million to U
When: 10 a.m. Wednesday, Oct. 21
Where: 238 Morrill Hall, 100 Church St. SE., U of M
Contact: Linda Berg, U of M Foundation, (612) 624-4897
Jim Thielman, University News Service, (612) 624-0214

U OF M RECEIVES \$10 MILLION GIFT; SECOND-LARGEST FROM LIVING ALUMNUS

MINNEAPOLIS / ST. PAUL -- The University of Minnesota has received the second-largest gift from a living graduate in the history of the university, President Mark Yudof announced today. The \$10 million gift is from alumnus Richard "Pinky" McNamara.

McNamara's gift will be used to improve the undergraduate student experience in liberal arts, for intercollegiate athletics, and to honor the achievements of university alumni at the Gateway Center, a new alumni/visitor center on the Twin Cities campus.

"This is a tremendous honor for the University of Minnesota, and we are both moved and delighted by Pinky's generosity," Yudof said. "One of my top priorities is to improve the undergraduate student experience. His gift will have a major impact on this area, which is the core of the university's mission."

McNamara, a 1956 graduate of the College of Liberal Arts, is chief executive officer of Activar Inc., a holding company with businesses specializing in industrial plastics and construction supply.

"If I lived five lifetimes, I couldn't repay the University of Minnesota for what it has meant in my life and my career," said McNamara, who grew up in Hastings. "I had academic advisers and teachers who guided me and saved my academic life with their dedication. I hope that what I am doing will encourage other alumni to consider giving back to the university, which has made such a difference not only in our individual lives but in the collective life of the state."

In 1992 McNamara made a donation of \$119,000 in honor of his two University advisers--Vivian Hewer and Mabel Powers. The donation improved the advising program in the College of Liberal Arts, providing all its advisers with computer access to planning information, student records, online registration and class closure data. □

Who: C. Walton Lillehei, U of M medical legend
What: 80th birthday celebration
When: 7 pm. Friday, October 23
Where: Frederick R. Weisman Art Museum, 333 E. River Road, Minneapolis
Contacts: Teri Charest, Academic Health Center, (612) 624-4604
Peter Gove, St. Jude Medical, (612) 481-7790

FATHER OF OPEN-HEART SURGERY HONORED BY GOVERNOR AND U OF M

MINNEAPOLIS / ST. PAUL--Gov. Arne Carlson will declare October 23 "Dr. C. Walton Lillehei Day" in the state of Minnesota in celebration of the pioneer heart surgeon's 80th birthday. Dr. Al Michael, dean of the University of Minnesota Medical School, will read the proclamation at a 7 p.m. reception Friday, Oct. 23, in the Frederick R. Weisman Art Museum, 333 E. River Road, Minneapolis.

Lillehei took part in the world's first successful open-heart surgery, performed at the university in 1952. He and his colleagues also made significant strides in the development of a mechanical means to temporarily replace the heart and lungs during surgery. The first means was cross-circulation, in which a blood-matched donor served as the heart-lung machine. The second, in 1955, was the first clinically reliable bubble oxygenator. These developments allowed surgeons to perform complicated repairs inside the heart.

Lillehei collaborated on the first external, wearable cardiac pacemaker with Medtronic founder Earl Bakken and went on to create a number of heart valves. He is also among the researchers who pioneered Medical Alley, a consortium of approximately 500 medical technology companies in Minnesota.

A professor from 1951 to 1967 and currently a clinical professor of surgery at the university, Lillehei is responsible for the education of more than 150 cardiac surgeons from 40 countries. "His legacy continues to inspire the careers of thousands of medical students, residents, fellows and cardiovascular surgeons," said Dr. David Dunn, Jay Phillips Professor and chair of the department of surgery. "His contributions to medicine, the Medical School and the community are many and unparalleled."

Born in Minnesota, Lillehei is a 1955 graduate of West High School, Minneapolis. He received five degrees from the University of Minnesota, including a bachelor of science in 1939, a medical degree in 1942 and a doctorate in 1951. Lillehei won the Bronze Star for meritorious service in Italy during World War II, the 1955 Lasker Award for outstanding contributions to cardiac surgery and the 1996 Harvey Prize in Science and Technology. A member of the Minnesota Inventors Hall of Fame, he is currently director of medical affairs at St. Jude Medical Inc. in St. Paul.

Friday's events are part of a weekend symposium sponsored by the Lillehei Surgical Society, underwritten by St. Jude Medical and other medical technology companies. □

What: East River Road parking ramp demolition
When: 1 p.m. Friday, Oct. 23
Where: Top level, East River Road Ramp
Who: U of M President Mark Yudof
Contact: Susan Ahn, University News Service, ahn@mailbox.mail.umn.edu,
(612) 624-8038



U OF M PARKING RAMP DEMOLITION BEGINS FRIDAY

MINNEAPOLIS-ST. PAUL—Demolition of the University of Minnesota's East River Road Ramp will begin at 1 p.m. Friday, Oct. 23. University President Mark Yudof will start the process by swinging a wrecking ball into the ramp elevator tower. The tower is located on the top level of the ramp, which is behind Coffman Union, accessible from Washington Avenue by turning south on Church Street S.E., turning right on Delaware Street S.E. and left onto the ramp.

The 32-year-old ramp is being removed for safety reasons. In its place, the university plans to redevelop the area south of Coffman Union along East River Road, in an effort to open the campus to the river and restore the concept of Cass Gilbert, who designed the mall in 1907.

The ramp demolition is part of the Beautiful U Day celebration, which will include installation of Heritage Markers around the Twin Cities campus, an East River Road cleanup walk and a free lunch for students, staff and faculty in Minneapolis and St. Paul. Partial funding for the lunch provided by the University of Minnesota Community Building Initiative in partnership with Coca-Cola. □

Beautiful U - A Report Card

The University of Minnesota first celebrated Beautiful U Day on October 13, 1997. On that day two major events happened: the Washington Avenue Bridge was painted and a building cleanout was initiated, resulting in 106 tons of recycling and refuse on that day and 800 tons over the entire year. Since that time numerous projects aimed at beautifying the campus have been launched:

- 58,000 windows washed across campus.
- Replacement of 50 storm-damaged trees.
- More than 700 "Gopher Way" signs installed to direct people through the underground tunnel system.
- A fresh coat of paint on the Wilkins Hall pedestrian bridge span.
- Benches for 40 new sitting areas.
- Parking lot improvements affecting 15,000 users.
- 1,300 new and repaired bicycle racks.
- Installation of 6,600 linear feet of new sidewalk.
- Initiation of three-year window and roof replacement program.

This year's Beautiful U Day will be celebrated on Friday, Oct. 23. Events include the unveiling of Heritage Markers that convey information about the university's history, buildings, people and points of pride; the demolition of the East River Road parking ramp; and a free lunch served in the Washington Avenue Bridge pedestrian concourse and at the St. Paul Student Center. Partial funding for the lunch provided by the University of Minnesota Community Building Initiative in partnership with Coca-Cola.

What: Beautiful U Day - Updates and corrects earlier release
When: Friday, October 23
Where: U of M Twin Cities Campus
Who: President Mark Yudof
Contact: Susan Ahn, University News Service, ahn@mailbox.mail.umn.edu,
 (612) 624-8038



BEAUTIFUL U DAY CELEBRATED FRIDAY, OCT. 23

MINNEAPOLIS-ST. PAUL—As the University of Minnesota rolls on towards its sesquicentennial in 2001, efforts to build pride in and rediscover the heritage of the university continue. As part of the Take Pride in U program and this year's Homecoming celebration, Beautiful U Day will be celebrated on Friday, Oct. 23. Events that day will include:

- 9 a.m. Unveiling of the first of five initial Heritage Markers that convey information about the university's history, buildings, people, and points of pride. The first marker, to be installed in front of Northrop Auditorium, celebrates the building's history and the university's second president, Cyrus Northrop. University President Mark Yudof will preside over the ceremony, arriving via horse-drawn carriage accompanied by university employee J.B. Eckert dressed as John Sargent Pillsbury, also known as the Father of the University of Minnesota, and George Pillsbury, a representative of the Pillsbury family. A series of 30 markers, installed over the next three years, will eventually form the University of Minnesota Heritage Trail.
- 9:30 a.m. Heritage Marker dedication ceremony on the Knoll. The Knoll, the oldest part of the Twin Cities campus, is a green space bordered by University Avenue, Pleasant Avenue, Pillsbury Drive, and East River Road/14th Street S.E. George Pillsbury will again be present at the unveiling.
- 10:30 a.m. Cleanup of East River Road from Peik Hall to Weisman Museum.
- 11 a.m.-1 p.m. Free lunch in the Washington Avenue Bridge pedestrian concourse and at the St. Paul Student Center. Partial funding for the lunch provided by the University of Minnesota Community Building Initiative in partnership with Coca-Cola.
- 11:30 a.m. St. Paul campus Heritage Marker unveiling on the Lawn. Eligible for listing on the National Register of Historic Places, the Lawn is bordered by Cleveland, Buford, Eckles and Carter avenues.
- 1 p.m. East River Road Parking Ramp demolition on the top level of the parking ramp. Yudof will again preside, operating the crane that will launch the wrecking ball into the ramp's elevator tower. Viewing sites and media parking are available on top of the ramp.
- 1:30 p.m. Chemical Waste Labeling Initiative kickoff in the Basic Sciences building.
- 3 p.m. Ceremonial flag raising to celebrate the refurbishing of flag poles atop Cooke Hall, being brought back into service after a respite since the days of Memorial Stadium.
- 4 p.m. Grand opening and ribbon cutting at Visitor Information Center on Pillsbury Drive. □

What: U of M enrollment increases on all campuses

Who: Craig Swan, associate provost, (612) 625-0051

Contact: Bill Brady, News Service, brady005@tc.umn.edu, (612) 625-8510

U OF M ENROLLMENT UP 5.4 PERCENT; INCREASES ON ALL CAMPUSES

MINNEAPOLIS / ST. PAUL--University of Minnesota fall quarter enrollment is up 5.4 percent from last year, according to statistics released by the Office of the Registrar. Systemwide enrollment is 51,835, up from 49,184. All four campuses showed gains.

Here's the enrollment breakdown by campus:

- Crookston: 2,492, up from 2,219
- Duluth: 7,831, up from 7,442
- Morris: 1,917, up from 1,908
- Twin Cities: 39,595, up from 37,615

The increase is primarily due to three factors: More new students are choosing the university, more current students are staying at the university, and degree candidates are returning to finish their degrees before the university converts from a quarter-based to a semester-based calendar next year.

"Clearly, this indicates that the university offers a great educational value on each of its campuses," said Robert Bruininks, executive vice president and provost of the university. "This is why the number of new high school graduates enrolling as freshmen is up 11 percent over last year."

Minority student enrollment has kept pace with last year, totaling 11.53 percent of the student body, a slight increase from 11.45 percent. Total minority enrollment is 5,977, up from 5,632. All minority groups increased in actual numbers from last year's counts.

Twin Cities units showing the highest percentage increases include the College of Biological Sciences, up 29 percent in its second year as a freshman-admitting college; the Carlson School of Management, up 12 percent in its third year as a freshman-admitting college; the College of Agricultural, Food and Environmental Sciences, up 11 percent after two years of decline; the College of Education and Human Development, up 28 percent; and the College of Human Ecology, up 11.5 percent.

Here's how the Twin Cities enrollment breaks down:

- Undergraduate: 25,903
- Graduate: 9,426
- Professional: 2,605
- Unclassified: 1,661

The tally of new high school graduates enrolled as freshmen on the Twin Cities campus is 5,166, up from 4,526.

For a complete copy of the Official Registration Statistics Fall 1998 report, call (612) 625-2803. □

What: Brenner accepts vice chancellor position at Indiana
Who: Mark Brenner, senior vice-president and dean (612) 624-6735
Contact: Jim Thielman, University News Service,
thielman@mailbox.mail.umn.edu, (612) 624-0214

U OF M's MARK BRENNER ACCEPTS POSITION IN INDIANAPOLIS

MINNEAPOLIS / ST. PAUL -- Mark Brenner, former vice-president of research and dean of the graduate school at the University of Minnesota, has accepted the new position of vice chancellor for Research and Graduate Education at Indiana University Purdue University Indianapolis (IUPUI). Brenner will also be associate vice president for research for Indiana University.

He is to begin his new assignment Wednesday, Oct. 28.

"I leave with many wonderful memories of all the fantastic people I have worked with here," Brenner said, "but I'm excited about the opportunity to move into this setting. This is a relatively young campus entering its 30th year, so its clearly a growing campus. One of our bigger challenges will be to continue building bridges into the community and private sector."

Among Brenner's priorities will be to expand the graduate education program. Brenner helped develop criteria for interdisciplinary centers and establish funding for interdisciplinary research at the university, and said he would focus on similar endeavors at IUPUI. Another key responsibility for Brenner will be to increase research funding at IUPUI. The funding reached \$135 million in 1997-98.

Brenner was named acting vice president for research and dean of the graduate school at Minnesota in 1994, and assumed the duty fulltime in 1996. The Boston native worked in the dual fields of research and the graduate program at the University of Minnesota for the past six years.

Brenner started the Distinguished McKnight Professor program at the university, played a role in developing interdisciplinary support for research and helped develop the new grants management system. Sponsored research awards and research expenditures grew by 38 percent while Brenner was the senior research officer.

"That rise was a reflection of all the efforts of our faculty," Brenner said.

Brenner arrived at the university as an assistant professor in horticultural science and landscape architecture in 1969 after four years as a research assistant in the Michigan State University department of horticulture. He became associate professor in 1975 and a professor in 1980. He became director of graduate studies in the horticulture program in 1981.

He received his undergraduate degree in plant and soil science at the University of Massachusetts in 1964, his masters in 1965 and his doctorate in horticulture in 1970. He received the latter degree at Michigan State University. □

What: Dialogue on Race Week
When: Oct. 28 to Nov. 4
Where: U of M Twin Cities Campus
Who: John Richardson, Diversity Institute, (612) 203-1952
Contact: Bob San, University News Service, (612) 624-4082

U OF M TO HOST DIALOGUE ON RACE WEEK OCT. 28 TO NOV. 4

MINNEAPOLIS /ST. PAUL—To promote racial understanding and tolerance on campus, the University of Minnesota is hosting a Dialogue on Race Week from Oct. 28 to Nov. 4.

The week will kick off with a symposium at 1:30 p.m. Wednesday, Oct. 28, in Coffman Union. Keynote speakers are Vice President of Multicultural Affairs Rusty Barcelo and university English professor and author of *Amistad* Alex Pate. Throughout the week, many departments on campus will sponsor discussions, speakers and programs. The final day of the event, Nov. 4, has been designated a Campus-wide Day of Dialogue. There will be three symposiums on the east and west banks of the Minneapolis campus and on the St. Paul campus.

"We are hoping to get people more comfortable talking about and asking questions about racial issues," said John Richardson, student chair of the event. "We want to promote understanding of people's backgrounds and cultures and make the campus a more comfortable place on all levels."

Highlights of the week:

- **Wednesday, Oct. 28**
1:30 p.m. Coffman Union Mississippi Room—Keynote symposium. Speakers: Barcelo and Pate.
- **Thursday, Oct. 29**
10 a.m. to noon 145 Classroom Office Building—Screening and discussion on the movie: *MN Pride and MN Prejudice*.
Noon to 1 p.m. Coffman Union Fireplace Lounge—Discussion on: *Immigration, Is It a Right or a Privilege?*
- **Friday, Oct. 30**
1 to 3 p.m. 198 McNeal Hall—Screening and discussion on the movie: *Shadow of Hate*.
- **Monday, Nov. 2**
9 to 11 a.m., 155 Earl Brown Center—Dialogue with Kathy Fennelly, dean and director of the Minnesota Extension Services.
- **Tuesday, Nov. 3**
2 to 4 p.m. 110 St. Paul Student Center—Screening and discussion on the movie: *Dateline, Mateson, Illinois*.
6:30 p.m. Roy Wilkins Hall—Screening and discussion on the movie: *Color of Fear*.
- **Wednesday, Nov. 4, Campus-wide Day of Dialogue**
9:30 a.m. Humphrey Center—Discussion on Race in the Workplace.
Noon, St. Paul Student Center Theater—Discussion on Race in Campus Life.
3 p.m. Coffman Union The Hole—Discussion on Race in the Classroom. □

starwatch

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UNIVERSITY OF MINNESOTA NOVEMBER STARWATCH

by Deane Morrison

A dazzling display of meteoric fury may light up the sky in November, when the usually sparse Leonid meteor shower makes its annual appearance. Let's hope so, because we have to do without Venus this month, and Mars still leaves much to be desired in the brightness department. Evenings, however, do offer two luminous planets and the vanguard of well-known winter constellations. And now that standard time has returned, evening skies will be all the darker for the early viewer.

Meteors represent the fiery deaths of dust particles left behind by comets. When the parent comet of a meteor shower passes through the solar system, it usually leaves behind new dust. Last year Comet 55P Tempel-Tuttle, the parent of the Leonid shower, returned, bringing with it a narrow, dense trail of debris. Earth is expected to hurtle through the debris this year and next, and the thick dust should pepper the sky with an unusually rich supply of meteors. The best viewing will probably be the nights of the 16th-17th and 17th-18th. As usual, the predawn hours are best because that's when we're looking in the direction of Earth's motion and the meteors are coming at us head-on.

No one can predict the exact character of a meteor shower (except that they always seem to peak on week nights), but in 1966, shortly after the comet's last pass, meteor fans were treated to a real storm. Some astronomers say that this year Earth could experience thousands of meteors a minute, although there's no guarantee that every one will be a dazzler. Still, the Leonids will travel fast, and a high proportion of them should leave persistent trails. With the moon only a few days from new, the show will go on against an almost perfectly dark sky.

The evening sky sparkles with Jupiter in the south and Saturn in the southeast. The two planets form an almost straight line with the bright star Aldebaran, in Taurus, far to the east. Jupiter, closer to the sun than Saturn, moves faster in its orbit and will overtake the ringed planet in 2000.

Mars appears as a rather faint red dot in the southeast at dawn. Although brightening, the red planet still doesn't cut a very dashing figure. But it's moving higher, away from the foreglow of the sun, and that will help its visibility.

Mercury and Venus are both evening planets, but far too close to the sun for the casual observer.

The moon becomes full at 11:19 p.m. on the 3rd. (In the Eastern time zone, fullness occurs at 12:19 a.m. on the 4th.) The full moon following the harvest moon has been variously called the beaver moon or the hunter's moon, this being a time when both beavers and hunters are busy preparing their stores for the winter. This time the hunter's moon coincides with perigee, the moon's closest approach to Earth. Coastal areas can expect especially high tides as a result. The moon will become new on the 19th, and the 21st offers a nice chance to see a thin young crescent in the evening sky. A waxing moon will rise near Saturn on the 2nd and again on the 30th. On the 27th a first-quarter moon will sweep close to Jupiter.

The Milky Way extends across the northern sky from east to west in the evening. Below it, the Great Square of Pegasus gallops into the western sky. To the east, Orion makes his annual entrance late in the evening. Next month the full panoply of winter constellations will come into their glory.

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Starwatch is a monthly guide to the night sky in the Upper Midwest. For a taped version from the University of Minnesota astronomy department, call (612) 624-2001.

Contact:

**Deane Morrison, University News Service, (612) 624-2346,
dmorris@mailbox.mail.umn.edu**

10/22/98

Starwatch is also on the Web at www.umn.edu/urelate/news.html.

What: U of M China Center Director David Pui to Step Down
When: Dec. 15, 1998
Who: David Pui, China Center, (612) 624-1002
Contact: UNS contact, Bob San, (612) 624-4082; bsan@mailbox.mail.umn.edu

U OF M CHINA CENTER DIRECTOR TO STEP DOWN, WILL RETURN TO TEACHING

MINNEAPOLIS / ST. PAUL—David Pui, director of the University of Minnesota China Center, will step down from his post Dec. 15 to resume full-time teaching and research in the mechanical engineering department.

Pui, a leading researcher in the field of aerosols, has directed the China Center since 1994 and accompanied several university delegations to Asia. The university has the largest population of Chinese students and scholars in the United States--about 1,300--and currently has exchange agreements with 18 institutions in the People's Republic of China and Taiwan.

"David Pui is an academic superstar," said Regents' Professor of Pediatrics Paul Quie, chair of the China Center Advisory Committee. "He does pioneering work in the laboratory, manages a complex organization like the China Center in a diplomatic way and acts as an essential part of presidential delegations to China."

During Pui's tenure, the China Center launched an initiative to maintain and reestablish ties with thousands of alumni and former scholars in China. He has hosted delegations from China and accompanied former university President Nils Hasselmo as well as President Mark Yudof and Gov. Arne Carlson to China on university and statewide missions. He conceived and oversaw publication of a major document, *Building Bridges: University of Minnesota Alumni in China*, in 1995. In 1997 Pui surveyed faculty links to China and documented the activity of 280 faculty, from 25 colleges and 106 departments, with linkages to 160 academic institutions and university-technology-industrial campuses throughout the People's Republic of China, Hong Kong and Taiwan.

Pui directs the Particle Technology Laboratory, a world-renowned laboratory for the study of aerosols, or small airborne particles, and has received many national and international awards and fellowships. He wrote more than 180 publications and co-developed several widely used aerosol sampling and measuring instruments.

Born in Shanghai, China, Pui received his primary and secondary education in Hong Kong. He studied for a year at the National Taiwan University before coming to the University of Minnesota, where he earned bachelor's, master's and doctoral degrees. He became a full professor in 1992.

A search committee for a new director of the China Center is being appointed. Nominations and inquiries about the search should be directed to Gene Allen, executive director of the Institute of International Studies and Programs, at (612) 624-4777 or allen@mailbox.mail.umn.edu. □

What: Student loan debt consolidation
When: Now through Jan. 31, 1999
Who: Sheryl Spivey, director, Office of Scholarships and Financial Aid,
 (612) 624-9023
Contact: Deane Morrison, U News Service, dmorris@mailbox.mail.umn.edu,
 (612) 624-2346

U OF M FINANCIAL AID OFFICE URGES GRADUATES TO ACT ON DEBT

MINNEAPOLIS / ST. PAUL--New federal legislation allows college graduates to consolidate student loan debt and lock in a lower interest rate that can save \$50 per \$1,000 on an average 10-year loan, according to information from the U.S. Department of Education (DOE). The University of Minnesota Office of Scholarships and Financial Aid is urging all college graduates with loan debt to contact the Direct Loan Origination Center at 1-800-557-7392 if they decide to take advantage of the opportunity. The center can supply applications for loan consolidation through the Direct Loan program, and applications may also be downloaded from the Internet at <http://www.ed.gov/DirectLoan/consolid.html>.

According to DOE, the Higher Education Amendment of 1998 allows student loan borrowers to apply for a Federal Consolidation Loan until Jan. 31, 1999. The loan would set an interest rate of 7.46 percent, around which the rate would be annually adjusted for the life of the loan. This interest rate is significantly lower than the existing rate on most student loans.

Borrowers still in school are eligible only if they hold direct loans (from the federal government rather than a lending institution) exclusively. Those holding different kinds of student loans are not eligible. For eligible borrowers, the following conditions apply.

- At least one direct loan or Federal Family Education Loan (FFEL) must be included in the consolidation. If a borrower has an FFEL, the lender may provide the same low rate.
- No consolidation fee and no minimum or maximum balance are required.
- A loan holder may consolidate a single loan, an existing direct consolidated loan or several loans. Loan holders can choose to consolidate some or all loans.
- Borrowers can choose from various repayment plans, including one based on income.
- A consolidation loan may be prepaid at any time.

A typical loan consolidation requires 60 to 90 days to process. □

What: TICKET PRICE CORRECTION, U of M Wind Ensemble concert
When: 7:30 p.m., Monday, Nov. 2
Where: Ted Mann Concert Hall
Contact: Susan Ahn, University News Service, ahn@mailbox.mail.umn.edu,
(612) 624-8038

U OF M SYMPHONIC WIND ENSEMBLE CONCERT

MINNEAPOLIS / ST. PAUL--The University of Minnesota Symphonic Wind Ensemble will celebrate the release of its new CD, "Blue Dawn into White Heat: The University of Minnesota Symphonic Wind Ensemble and Friends," with a concert at 7:30 p.m. Monday, Nov. 2, at the Ted Mann Concert Hall on the west bank of the Twin Cities campus/Minneapolis.

The CD results from two years' work and brings together numerous prominent wind musicians, including the Bergen Woodwind Quintet, permanent visiting guest artists-in-residence at the university. This residency provides an opportunity for university students to work with the world's premier woodwind quintet and features concerts, master classes and open rehearsals as well as outreach activities for area professional and amateur woodwind groups, high school students and the local arts community. The CD also features the music of Michael Colgrass, Gunther Schuller, Elliott Schwartz, Steven Stucky and other leading contemporary composers.

The Symphonic Wind Ensemble includes the finest graduate and undergraduate wind and percussion majors on campus. This internationally recognized ensemble is devoted to the preparation and performance of a wide repertoire.

The CD and concert are dedicated to the memory of Dr. Frank Bencriscutto, director of bands at the university for 33 years. **Tickets are \$11.50 for adults, \$6.50 for students** and can be purchased at the Northrop ticket office, (612) 624-2345. □

What: U of M Magrath Library dedication
When: 1:30 p.m. Friday, Nov. 6
Where: 1984 Buford Ave., St. Paul
Who: C. Peter Magrath, (202) 478-6060
Contact: Deane Morrison, U News Service, dmorris@mailbox.mail.umn.edu, (612) 624-2346

U OF M NAMES LIBRARY FOR FORMER PRESIDENT MAGRATH

MINNEAPOLIS / ST. PAUL--The University of Minnesota will dedicate its Magrath Library at 1:30 p.m. Friday, Nov. 6. The library, formerly called the St. Paul Central Library, is named for former university President C. Peter Magrath, who served from 1974 to 1984. Magrath is now president of the National Association of State Universities and Land-Grant Colleges (NASULGC).

Completed in 1980, the library houses collections in the areas of agriculture, applied economics, human ecology, biological sciences, vocational and technical education and other areas.

"I am delighted to see this library named for C. Peter Magrath," said university President Mark Yudof. "He richly deserves this honor for his tremendous contributions to the University of Minnesota."

Magrath was born in New York City and graduated from the University of New Hampshire with a degree in political science in 1955. In 1962 he received a doctorate in the same subject from Cornell University. He began his career as an instructor at Brown University and rose to the rank of full professor in six years. He spent four years at the University of Nebraska-Lincoln, where he served in several academic and administrative capacities, before becoming president of the State University of New York at Binghamton in 1972. Magrath left that post in 1974 to become president of the University of Minnesota. After leaving Minnesota in 1984, he became president of the University of Missouri system, where he served from 1985 to 1991. In 1992 he assumed the presidency of NASULGC, an association of 190 public research universities located in all 50 states and the U.S. territories.

As the University of Minnesota's 11th president, Magrath expanded opportunities for individuals in historically underserved groups. He strengthened the capacity of the Office of Equal Opportunity and Affirmative Action to investigate claims of discrimination, became the first president to request public money for women's intercollegiate athletics and led in the development of the Office of Minority and Special Student Affairs. Magrath was an early proponent of the idea that colleges and universities should establish rigorous, self-imposed priorities for guiding their growth and retrenchments, a policy credited with sparing the university from even deeper cuts experienced during the early 1980s. □

What: U of Minnesota ideas on funding graduate medical education
Who: Frank Cerra, M.D., (612) 626-3700
Contact: Teri Charest, Academic Health Center, (612) 624-4604

U OF MINNESOTA URGES NEW IDEAS TO FUND GRADUATE MEDICAL EDUCATION

MINNEAPOLIS / ST. PAUL--The University of Minnesota Academic Health Center recommends academic health centers nationwide establish a common trust fund, increase support from state governments and secure investment from private entities such as health systems to counter the widespread funding crisis in graduate health and medical education. Graduate medical education is among the topics to be discussed at the Association of American Medical Colleges meeting in New Orleans Oct. 31 through Nov. 4.

The nation's academic health centers and teaching hospitals face a financial crisis. Federally, Medicare is withdrawing support; locally, managed care is squeezing academic medicine in an increasing number of states.

Dr. Frank Cerra, University of Minnesota senior vice president for health sciences, recommended the three-part solution to the National Bipartisan Commission on the Future of Medicare during its July field hearing in Minneapolis. The group, more commonly known as the Medicare Commission, was interested in Cerra's opinion because managed care had penetrated Minnesota's health care market.

In 1996 the Minnesota Legislature recognized the looming financial crisis faced by the university and other educators and created the Medical Education and Research Trust Fund to provide support for clinical training of medical and other health professionals.

"Financing for health and medical education is America's next health care crisis," Cerra said. "We need a national solution based on the development of a new partnership between the government and private sector."

Expanding state funding is also one of the university's top priorities for the 1998-99 legislative session. Starting in November Cerra and Dr. Al Michael, dean of the university's Medical School, will lead a statewide grassroots campaign for support of graduate medical education. Cerra is also leading a discussion with health systems in Minnesota on how to support graduate and health professional education in the state. □

What: Community Celebration of Place
When: Nov. 2-10, 1998
Where: Whittier Community School for the Arts
Who: Folk singer Larry Long
Contact: Susan Ahn, University News Service, ahn@mailbox.mail.umn.edu,
(612) 624-8038

WHITTIER NEIGHBORHOOD CELEBRATES COMMUNITY, HISTORY

Students, teachers and community residents of the Whittier neighborhood in Minneapolis are celebrating their past and present through a program called "Elders' Wisdom, Children's Song: Community Celebration of Place." Sponsored by the University of Minnesota, each Community Celebration of Place is an effort to build community and is based on the shared memories and wisdom of community elders, fashioned into choral readings and songs by schoolchildren working with folk singer Larry Long. Long and the children of the Whittier neighborhood will present their songs and program at 7 p.m. Tuesday, Nov. 10, at the Whittier Community School for the Arts, 2620 Grand Ave. S., Minneapolis.

Long studies and writes music rooted in the commonplace aspects of American life. In recent years he has worked with elders and schoolchildren in communities across Minnesota, mixing oral history and song writing. In October 1997 Long worked with the community of International Falls on the Celebration of Place project. "In my 34 years of teaching, that was one of the most satisfying and fun experiences I've ever had," said Chuck Johnson, principal of Falls Elementary School. "Larry works extremely well with students and staff and has the ability to pull a community together."

The university, through a partnership involving the University of Minnesota Extension Service, the College of Education and Human Development, the Center for School Change in the Humphrey Institute of Public Affairs, and the School of Social Work in the College of Human Ecology will be sponsoring celebrations throughout the coming year in the communities of North Minneapolis, St. Charles and Yellow Medicine East/Granite Falls, Minnesota. □

What: Noted trauma surgeon named to new U professorship
Who: Dr. John Weigelt, professor of surgery, (651) 221-2134 (Regions)
Contact: Teri Charest, Academic Health Center, (612) 624-4604

WEIGELT NAMED TO U PROFESSORSHIP HONORING PROMINENT LOCAL SURGEON

MINNEAPOLIS / ST. PAUL--Dr. John Weigelt has been named to the newly established Dr. John F. Perry Professorship in Trauma Surgery at the University of Minnesota. Weigelt, chief of staff at Regions Hospital in St. Paul, is one of three vice chairs at the university's department of surgery. The professorship was established with support from Genevieve Perry and family, the Health Partners Research Foundation and friends and colleagues of John Perry.

Weigelt came to the Twin Cities in July 1992 after serving as professor of surgery and chair of the Trauma and Surgical Critical Care Section at the University of Texas Southwestern Medical Center in Dallas. Within his first year at Minnesota, he received the Owen H. Wangensteen Award for Excellence in Teaching. The award is given by the University of Minnesota surgical residents in honor of the legendary surgeon who led the department from 1930 to 1967. Perry received the same award in 1989.

Perry was chief of surgery at St. Paul-Ramsey Medical Center (now Regions Hospital) from 1962 until shortly before his death from cancer in 1990. A longtime professor of surgery at the university, Perry was a surgical resident under Wangensteen and earned a Ph.D. at the university in 1958. During his nearly three decades at St. Paul-Ramsey, Perry spearheaded aggressive surgical intervention on behalf of trauma victims. He pioneered the "Room 10" concept, an emergency operating room modeled after the Korean War's front line MASH units.

Many of Perry's procedures are now standard emergency room protocol, such as one to assess the extent of internal bleeding for unconscious trauma patients. Countless patients died prior to that because emergency room staff had no way of detecting internal injuries in multitrauma patients. In 1963 Perry established the nationally acclaimed Regions Hospital Burn Unit, the first of its kind in the Midwest.

Weigelt has garnered international recognition for his work in trauma. The Weigelt-Wallace Award was created in his name and that of Dr. Mark Raymond Wallace from the U.S. Naval Medical Center in San Diego. Connected by satellite from opposite sides of the globe, Weigelt and Wallace in 1991 saved the life of an American soldier who was wounded in a SCUD missile attack in Saudi Arabia. The award, created in 1995, recognizes exceptional examples of patient care worldwide.

Weigelt earned a veterinary medicine degree at Michigan State University in 1970, a medical degree at the Medical College of Wisconsin in 1974 and a master's degree in hospital administration at the University of Wisconsin-Madison in 1994. His clinical interests are in trauma and critical care. As a researcher, he focuses on acute lung injury, surgical infectious disease and outcomes assessment.

What: Live portrayal of Amazon explorer Margaret Mee
When: Saturdays and Sundays, Nov. 14-Dec. 13
Where: Bell Museum of Natural History
Who: Actress Heidi Grosch, (612) 882-2084
Contact: Nina Shepherd, Bell Museum public relations,
(612) 626-7254

LIVE PORTRAYAL OF AMAZON EXPLORER MARGARET MEE

MINNEAPOLIS / ST. PAUL--Twin Cities actress Heidi Grosch will interpret the life and work of British rainforest explorer Margaret Mee during performances beginning Saturday, Nov. 14, and continuing each weekend through Dec. 13 at the University of Minnesota's Bell Museum of Natural History. Performance times are noon, 1 p.m. and 2 p.m. on Saturdays and Sundays.

Grosch will assume the character of Mee in a performance that includes stories about the perils and rewards of life in the Amazon rainforest. Her performance is in conjunction with the Bell Museum exhibit "Margaret Mee: Return to the Amazon." The exhibit explores the life of rainforest advocate Mee (1909-1988), who made 15 expeditions into the Amazon to chronicle its vanishing plants and animals. The exhibit features 85 of Mee's original watercolors, as well as a replica of her jungle hut and field equipment.

The performance is free with regular museum admission: \$3 adults, \$2 children and seniors. The museum, located on the corner of University Avenue and 17th Avenue S.E. in Minneapolis, is open from 9 a.m. to 5 p.m. Tuesday through Friday, 10 a.m. to 5 p.m. Saturday and noon to 5 p.m. Sunday.

Support for the program was provided by the Minnesota Humanities Commission.

What: A celebration of service-learning
When: 3:30 p.m. Monday, Nov. 9
Where: U of M VoTech Education Building, 1954 Buford Ave., St. Paul
Who: U.S. Sen. Paul Wellstone
 State Rep. Andy Dawkins
 U of M Vice Provost Craig Swan
Contact: Susan Ahn, University News Service, ahn@mailbox.mail.umn.edu,
 (612) 624-8038

U OF M CELEBRATES NATIONAL SERVICE-LEARNING CLEARINGHOUSE EXPANSION

The University of Minnesota will celebrate the accomplishments of the Learn and Serve America National Service-Learning Clearinghouse as it expands from a K-12 to a K-higher education focus at 3:30 p.m. Monday, Nov. 9 in the U of M VoTec Education Building, 1954 Buford Ave., St. Paul. U.S. Sen. Paul Wellstone, Minnesota state Sen. Andy Dawkins, University Vice Provost Craig Swan, director of the Learn and Serve America program Marilyn Smith and other leaders will present their perspectives and visions of service-learning.

Service-learning is a teaching method that integrates community service into the school curriculum. It involves students in ongoing community projects that complement their classroom studies and allows students to reflect on how the service has an impact on individuals, communities and society. The National Service-Learning Clearinghouse is the primary center for obtaining information about service-learning programs and opportunities across the country. It fields calls and website inquiries from across the country from teachers who want to set up volunteer experiences for students for credit. The clearinghouse has expanded to include higher education in an effort to provide information and resources for service-learning professionals.

Learn and Serve America supports service-learning programs in schools and community organizations that help nearly one million students from kindergarten through college contribute to community needs while improving their academic skills and learning the habits of good citizenship. The Corporation for National Service funds various agencies, which then select and fund local service-learning programs. Institutions of higher education are funded directly. All Learn and Serve America projects are required to match federal funds with resources from the community.

The National Service-Learning Clearinghouse is located at the University of Minnesota within the department of work, community and family education and is part of the College of Education and Human Development. □

What: U of M reaction to Ventura transition chief of staff appointment
When: Monday, Nov. 9
Contact: Bill Brady, U News Service, brady005@tc.umn.edu, (612) 625-8510, (612) 880-3056

VENTURA TRANSITION CHIEF OF STAFF IS U OF M REGENTS ADMINISTRATOR

MINNEAPOLIS / ST. PAUL--Steven Bosacker, executive director and corporate secretary to the University of Minnesota board of regents, has been named chief of staff to Governor-elect Jesse Ventura's transition team, effective immediately. Bosacker has been granted a personal leave of absence by the university.

Bosacker, a native of Waseca, joined the regents office in August 1994 following two years as U.S. Rep. Tim Penny's chief of staff. Before that he had served as Penny's political director, legislative assistant and assistant campaign manager. He has also been on the staff of the Washington, D.C.-based Congressional Management Foundation. Bosacker received a bachelor's degree from Metropolitan State University in 1983 and has done graduate work in public administration at the University of Massachusetts at Amherst.

"On behalf of the board of regents, I congratulate Governor-elect Ventura on his election and for choosing Steve Bosacker to be chief of staff for the transition team," said William Hogan, chair of the board of regents. "Steve is a superb administrator whose background in politics and public service makes him uniquely qualified to help the new governor."

"Steve Bosacker is a genuine professional," said university President Mark Yudof. "He is an extraordinarily talented administrator with a stellar record of public service. I wish Steve and the governor-elect success during the transition period."

Hogan said a decision on whether to appoint an interim replacement for Bosacker will be made soon.

□

What: Death of former U of M President Meredith Wilson
When: Saturday, November 7
Where: Eugene, Ore.
Contact: Bill Brady, U News Service, brady005@tc.umn.edu, (612) 625-8510, (651) 646-6140

FORMER U OF M PRESIDENT MEREDITH WILSON DIES

EUGENE, ORE.—O. Meredith "Met" Wilson, president of the University of Minnesota from 1960 to 1967, died today (Saturday) in Eugene, Ore. He had been diagnosed with an inoperable brain tumor during the summer. He was 89.

Born in Mexico and raised in Texas and Utah, Wilson attended Brigham Young University during the depression and received his doctorate from the University of California-Berkeley in 1943 before embarking on a long career in higher education. He was president of the University of Oregon for six years before coming to Minnesota. Upon leaving Minnesota, he became director of the Center for Advanced Study of Behavioral Sciences in California, from which he retired in 1975.

Wilson's tenure as Minnesota president was marked by booming enrollment and physical expansion of the campus. Enrollment grew from 28,000 students to almost 45,000, and more than 40 building projects were launched, including a new library - later named in his honor- and numerous classrooms on the West Bank of the Mississippi River.

It was also a time of student protests about the Vietnam War and civil rights. Wilson would later tell the university's alumni publication, *Minnesota*, that one of his greatest joys was helping the university weather the storms of the protest movement. "At Minnesota, there were never any major crises," he said. "Students, faculty and administration were able to talk to each other. We did better than average, and we were very proud of it."

"Meredith Wilson was one of Minnesota's great presidents," said current university President Mark Yudof. "He was an outstanding leader during challenging times. We owe him a great debt of gratitude."

"Met Wilson was a first-class scholar and a first-class president," said Bryce Crawford, retired Regents Professor who served as dean of the Graduate School during Wilson's term. "And I have seldom known a couple more beautifully and permanently in love as Met and Marian Wilson." □

What: U of M regents name interim executive director
When: Monday, Nov. 9
Contact: Bill Brady, U News Service, brady005@tc.umn.edu, (612) 625-8510, (612) 880-3056

GREGORY BROWN NAMED INTERIM EXECUTIVE DIRECTOR TO U OF M REGENTS

MINNEAPOLIS / ST. PAUL--The University of Minnesota board of regents has appointed Gregory Brown as the interim executive director and corporate secretary to the board during the absence of Steven Bosacker. Bosacker is on personal leave to serve as the chief of staff to Governor-elect Jesse Ventura's transition team.

Brown has been an attorney in the university's Office of the General Counsel since 1991. He has undergraduate and law degrees from the University of Michigan, Ann Arbor and spent six years as an associate with the Leonard, Street and Deinard law firm in Minneapolis.

At the university Brown has been responsible for corporate and commercial transactions, senior administrator and athletic coach employment contracts, and represented the university in transactions with Coca-Cola Company and Fairview Healthcare System.

"Gregory Brown's experience at the university will serve the board well," said William Hogan, chair of the board of regents. "He understands the governance process and is highly respected throughout the university."

"Brown's appointment will allow a seamless transition for the board of regents," said Patricia Spence, vice chair of the board of regents. "He is a skillful negotiator and administrator and those skills will translate well to the board office." □

Media Note: To download a print-quality picture of U of M President Mark Yudof, go to www.umn.edu/urelate/newsservice/inaug/yudofbio.html

U OF M PRESIDENT YUDOF TO VISIT ANNANDALE, BUFFALO NOV. 19

University of Minnesota President Mark Yudof will meet with business leaders, students and alumni when he visits Annandale and Buffalo Thursday, Nov. 19.

Yudof became the 14th president of the university July 1, 1997. Since taking office, he has visited more than 70 Minnesota cities. Based in part on his conversations with Minnesotans, he has designed a plan to preserve historic buildings and to improve classrooms on all four campuses in time for the university's sesquicentennial in 2001.

In October, Yudof unveiled a blueprint for improving undergraduate education at the university. Cornerstone of the plan is an expansion of freshman seminars--small classes of 10 to 20 students, taught by a faculty member, emphasizing critical reading and extensive writing. His stated goal is that the university become the first major American public university to offer all entering freshmen a small-group seminar experience.

"We're seeking to combine our breadth of programs and research opportunities with the humane personal characteristics of the best small private colleges," said Yudof. "When people think about large public research institutions, we want them to think of the U as the one that treats its undergraduates right. It's where every student feels like an honors student."

Highlights of Yudof's itinerary on Nov. 19:

- Noon to 1:30 p.m.- Attend a Kiwanis and Chamber of Commerce luncheon at St. John's Lutheran Church in Annandale.
- 1:45 to 2:20 p.m.--Participate in student forum at Buffalo and other Wright County high schools.
- 2:30 to 3 p.m. --Meet with Buffalo High School teachers and administrators.
- 3 to 4:30 p.m. --Meet with local business and agricultural leaders at Buffalo High School.
- 4:30 to 6 p.m. --Attend reception with Wright County area alumni and leaders at Buffalo High School.

Contact:

Kathy Yaeger, Institutional Relations, (612) 624-5841

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News releases also on WWW at <http://www.umn.edu/urelate/news.html>

What: U of Minnesota board of regents monthly meetings and retreat
When: Thursday-Friday, Nov. 12-13
Where: 238 Morrill Hall, Twin Cities campus/Minneapolis
Contact: Bill Brady, brady005@tc.umn.edu, (612) 625-8510

LEGISLATIVE REQUEST, CENTER FOR FRESHMAN STUDIES ON U OF M REGENTS AGENDA THURSDAY

MINNEAPOLIS / ST. PAUL--The University of Minnesota board of regents will vote on President Mark Yudof's proposed legislative request and hear about plans for a new Center for Freshman Studies at their monthly meetings Thursday, Nov. 12. On Friday, the board hold its annual fall retreat.

The president's budget plan asks the Legislature to invest \$32.6 million over two years for enriching the undergraduate experience, with a goal of becoming the first major American public university to offer all freshmen small-group seminars--small classes of 15 to 20 students, taught by faculty members, emphasizing critical reading and extensive writing. Other increases in the budget include \$96 million for competitive faculty compensation, \$37 million to address changes in the delivery and financing of health education and \$24 million to promote a "climate of quality service" on the campuses.

The regents will also get their first look at a plan to renovate Nicholson Hall, one of the older buildings at the center of the Twin Cities/Minneapolis campus, by making it into a Center for Freshman Studies. The \$15 million plan calls for 16 state-of-the-art classrooms, 10 seminar rooms and a student study commons surrounding a vintage fireplace--historically, the building's signature space.

The legislative request vote will be Thursday afternoon. Here's a sample of committee agenda items.

Thursday, Nov. 12

- 8 a.m. Facilities, 238 Morrill. Presentation of design guidelines for several building projects.
- 8 a.m. Audit, 300 Morrill.
- 9:45 a.m. Finance and operations, 300 Morrill. Report on how the upcoming switch to semesters will affect tuition revenue.
- 9:45 a.m. Educational planning and policy, 238 Morrill. Discussion of metropolitan higher education strategies.
- 2 p.m. Committee of the whole, 238 Morrill. Vote on legislative request and review of supplemental capital request (which includes \$15 million for new Center for Freshman Studies).
- 4:30 p.m. Board of regents, 238 Morrill.
- Following the board meeting, a nonpublic meeting to address attorney-client privileged matters, 238 Morrill.

Friday, Nov. 13

- 8 a.m. Board of regents fall retreat, Hyatt Whitney Hotel, Minneapolis. □

What: Teens talk dating, depression, more at U of M
When: 8:30 a.m. Wed. and Thurs., Nov. 11 and 12
Where: Earle Brown Center, 1890 Buford Ave., St. Paul
Who: Debbie Johnson, coordinator, (612) 626-2566
Contact: Teri Charest, (612) 624-4604

TEENS TALK HEALTH AT U OF M

MINNEAPOLIS / ST. PAUL--"Positive Moves in the Game of Life" is the theme of the 15th annual Metro Youth Health Conference, sponsored by the University of Minnesota Academic Health Center and other Minnesota organizations. About 800 metro-area students in grades seven through 12 will gather to learn about coping with depression, sexually transmitted diseases, eating disorders and other issues facing teenagers today. The event will begin at 8:30 a.m. Wednesday, Nov. 11, and Thursday, Nov. 12, at the Earle Brown Center on the Twin Cities/St. Paul campus. Junior high students will attend Thursday, and senior high students will attend Friday.

Topics include dating, relaxation, herbal therapies, sexually transmitted diseases, sports injuries, teen depression and suicide, smoking cessation, eating disorders, nutrition and street health for the homeless. The conference kicks off with a performance from magician Bob Fellows, followed by a variety of workshops. The conference also includes two workshops for adult attendants sponsored by the state Department of Children, Families and Learning. Topics will include HIV issues and high school graduation standards.

"One of our goals is to provide students with health knowledge that they can bring back to their communities," said Debbie Johnson, a coordinator for the conference. "In addition, we want to give teens the knowledge they need to make successful health choices."

Other conference sponsors include the American Lung Association of Minnesota, HealthPartners, Metropolitan Health Plan and the March of Dimes Birth Defects Foundation. □

What: Another good reason to lower your cholesterol
When: Friday, Nov. 13, 1:30 p.m.
Where: Hennepin County Medical Center, Pillsbury Auditorium
Who: Henry Buchwald, M.D., Ph.D., (612) 625-8446
Contact: Teri Charest, Academic Health Center, (612) 624-4604

U OF MINNESOTA PHYSICIAN FINDS LOW CHOLESTEROL HAS IMMEDIATE BENEFIT

MINNEAPOLIS / ST. PAUL--Researchers at the University of Minnesota have determined that for people who are trying to lower their cholesterol, there is an immediate benefit for the heart and other tissues even though it may take years to reverse the buildup of plaque in the arteries.

Dr. Hector Menhaca, research fellow, and Dr. Henry Buchwald, professor of surgery, will present their findings to the Minnesota Surgical Society at 1:30 p.m. Friday, Nov. 13, in the Pillsbury Auditorium at Hennepin County Medical Center, 701 Park Ave. in Minneapolis.

Buchwald found that as the level of total or low density lipoprotein (LDL, or "bad" cholesterol) in the blood decreases, it becomes easier for oxygen to reach the heart and other tissues and there is a lessening of cramping and other pain associated with atherosclerosis. Atherosclerosis is the buildup of plaque in the arteries--mostly in the heart and legs--caused by large amounts of LDL cholesterol over many years.

The hemoglobin molecule inside the red blood cell carries oxygen from the lungs to the heart and other tissues. According to Buchwald, as the level of LDL cholesterol increases in the blood plasma, the amount of cholesterol in the red blood cell membrane also increases, which causes the membrane to thicken. The thicker the membrane around the red blood cell, the harder it is for oxygen to transfer from the cell to the tissues that need it.

"By lowering the plasma cholesterol level, individuals obtain not only the long-term benefit of clearing the plaque from the arteries, but also the immediate benefit of improved oxygen transport," Buchwald said.

Background data and preliminary laboratory studies for this work are published in the October issue of *Surgery* and were presented to the Central Surgical Association in March. □

What: New treatment for lupus, rheumatoid arthritis, other diseases
Who: Arne Slungaard, M.D., (612) 624-9410
Phil McGlave, M.D., (612) 624-5422
Contact: Teri Charest, Academic Health Center, (612) 624-4604
Molly O'Brien, Tunheim Santrizos, (612) 851-7238

U OF MINNESOTA TO BEGIN CLINICAL TRIALS ON INCURABLE DISEASES

MINNEAPOLIS / ST. PAUL--University of Minnesota physicians are accepting patients for a clinical trial to treat children and adults suffering from one of three severe autoimmune diseases--rheumatoid arthritis, lupus and vasculitis--using a treatment similar to bone marrow transplant. The patients will be treated at Fairview-University Medical Center in Minneapolis.

Rheumatoid arthritis alone affects approximately one percent of the world's population, and women who are affected outnumber men by three to one. Though the severity of the disease varies by case, most of those affected eventually become incapable of working and functioning normally and die prematurely. None of the diseases is curable with current therapies, and they affect children as well as adults.

The team will use a process pioneered at the university called autologous stem cell transplantation. This process, which evolved from bone marrow transplantation, uses patients' own stem cells, thus avoiding immune problems that can occur with donated cells. Stem cells produce all the body's blood cells, including those responsible for autoimmune diseases.

The patient's stem cells are extracted and treated while the patient receives chemotherapy or radiation. The treated cells are then re-infused into the patient through a process similar to a blood transfusion, providing a kick start for a healthy blood production system. Once the patient's immune system is reestablished, he or she is treated with drugs to ward off redevelopment of the disease.

The university team is one of approximately 20 groups nationwide to explore the treatment of autoimmune diseases with stem cell transplantation. Results from similar European trials involving 112 patients and five diseases, including rheumatoid arthritis and lupus included, were presented in October

in Basel, Switzerland. Nearly two-thirds of these patients had a good or complete response to the treatment, though the duration of these responses is yet to be determined.

The university team is led by Dr. Arne Slungaard, associate professor of hematology. The other members of the team are Dr. Ronald Messner, professor of rheumatology, Dr. Scott Baker, assistant professor of pediatrics, Dr. Nancy Meryhew, associate professor of medicine, and Dr. Philip McGlave, director of the university's division of hematology, oncology and transplant. They are all part of the University of Minnesota Physicians, a multispecialty group practice.

University physicians performed the world's first successful bone marrow transplant in April 1968. Thirty years later, bone marrow transplantation has evolved into a standard treatment for leukemia, other cancers and inborn errors of metabolism. The field has seen the emergence of other sources of stem cells for transplantation such as umbilical cord blood, and the process is increasingly used to deliver new therapies such as gene therapy and cell therapy.

For more information or to be considered for this clinical trial, call (612) 626-2800. □

What: ALG suit settled by U of M, federal government
When: Media availability 2 p.m. Tuesday, Nov. 17; Sound bites 3:30 p.m., (612) 625-6666
Where: 238 Morrill Hall
Contacts: Bill Brady, brady005@tc.umn.edu, (612) 625-8510
 Deane Morrison, dmorris@mailbox.mail.umn.edu, (612) 624-2346

U OF M, FEDS SETTLE ALG LAWSUIT; MEDIA AVAILABILITY TODAY

MINNEAPOLIS / ST. PAUL--Representatives of the University of Minnesota and the federal government have reached an out-of-court settlement of a 1996 lawsuit over proceeds from the university's sale of the anti-rejection transplant drug ALG and alleged violations of National Institutes of Health (NIH) regulations governing the management of grant money. The agreement averts a trial that had been set to begin today.

Members of the university administration and the board of regents will answer media questions at **2 p.m. today (Nov. 17) in 238 Morrill Hall.** Copies of the agreement and other materials will be available.

The government had claimed the university's department of surgery illegally sold ALG when it was classified as an investigational new drug and mismanaged federal research grants. Damages in excess of \$100 million were claimed. The university has acknowledged mismanagement of some of the grant funds but disputed the amount owed.

Here are the main terms of the agreement:

- The federal government dismisses all claims against the university in the case and promises not to disqualify the university from future NIH grants based on the case.
- The university pays the government \$20 million.
- The university will return \$8 million of the \$40 million the government has been ordered to pay the university in the medical resident Social Security payment case, in which the university won its claim that stipends paid to medical residents were not subject to Social Security withholding because the residents are students, not employees. The government has agreed not to further appeal that court judgment.
- Over the next three years, the university will self-fund \$4 million in NIH grants to university researchers. In an average year, the university receives about \$130 million in NIH grants. □

What: Death of former U of M Associate Dean Roxana Ford
When: Friday, November 13
Where: Bloomington, Minnesota
Contact: Susan Ahn, University News Service, ahn@mailbox.mail.umn.edu, (612) 624-8038

FORMER U OF M ASSOCIATE DEAN ROXANA FORD DIES AT 88

BLOOMINGTON, MINN.--Roxana Ford, 88, associate dean of the University of Minnesota College of Home Economics from 1970 to 1975, died Friday, Nov. 13, in Bloomington, Minn. Death was attributed to natural causes. A memorial service will be held at 10 a.m. Tuesday, Nov. 24, at Werness Brothers Funeral Chapel, 3500 W. 50th St., Edina, Minn., (612) 927-8641. Burial will be in Lubbock, Texas, next to her parents.

Born July 14, 1910, in Flat Rock, Ill., Ford received her doctorate in home economics education from Iowa State University in 1949. As a professor and administrator at the University of Minnesota for 28 years, she focused on adult education and was influential in developing the home economics curriculum. She was among the first in the field to point out the overemphasis on clothing construction classes and the need for family-oriented classes.

"Roxana was always positive in her approach and modest about her talents," said Keith McFarland, dean of the College of Home Economics from 1970-1987. "She was a gentle and caring person with a concern for her advisees and colleagues. She had a great interest in helping others and was a gracious hostess."

Ford was a member and officer of many professional organizations, serving as president of the Minnesota Vocational Association and the Minnesota Home Economics Association. She was appointed to the first State Advisory Council on Vocational Education and was a member of the advisory groups on adult education for the U.S. Office of Education.

Ford won the 1953 "Miss Betty" award for contributions in her field, and a 1967 Horace T. Morse-Amoco award for contributions to undergraduate education, was an honorary member of the Future Homemakers of America and received a 1971 Centennial Outstanding Alumni award from Iowa State University.

Memorials are preferred to the University of Minnesota Foundation, West Bank Office Building, Suite 200, 1300 S. Second St., Minneapolis Minn. 55454. □

starwatch

UNIVERSITY OF MINNESOTA DECEMBER STARWATCH

by Deane Morrison

As 1998 draws to a close, Venus ascends toward Jupiter in the evening sky and Mercury pops in for a morning visit. The familiar winter stars make their grand entrance, as does the winter season. If you're looking for novel, one-time events but were clouded out of last month's Leonid meteor shower, you can try your luck with the less spectacular but dependable Geminids in mid-month.

Venus, having just circled behind the sun, returns as an evening planet. But even though it comes out higher from night to night, it still won't rival Jupiter for brightness this month. Jupiter, the big bright beacon in the southwest, is drifting closer to the western horizon and Venus. In February the two planets will make their closest approach to each other.

Saturn, the only other bright evening planet, shines east of Jupiter, between Jupiter and the Hyades star cluster of Taurus. Saturn loses some brightness this month, but still makes a nice object for viewers with telescopes.

Mars and Mercury ornament the predawn sky. Mars waxes a little brighter as the days go by, but will not match the evening planets. Look for Mars to the upper right of the bright star Spica, in Virgo, in the south-southeast about an hour before dawn. Look for Mercury in the east-southeast at the same time. It will be highest the morning of the 17th.

The moon enters December in waxing mode. It becomes full the morning of the 3rd, so the evening of the 2nd will be the best time to look. This full moon and January's will soar high in the sky because full moons are always high when the sun is low and vice versa. December's moon has been called the cold moon, the long night moon and the moon before yule. A new moon arrives on the 18th.

The Geminid meteor shower will peak around 11 p.m. on the 13th. Meteors will radiate from the south. This shower won't rain down nearly as heavily as this year's Leonids or even an ordinary Perseid shower, but if skies are clear it may be worth a trip outside. The moon, being between last quarter and new, won't interfere.

December is replete with holidays featuring the lighting of lights. Hanukkah begins at sundown on the 13th; the feast of St. Lucy, or "Lucy Light," falls on the same day. On the 19th we commemorate the ancient Roman Saturnalia festival, and six days later comes Christmas, another well-lighted holiday.

Ramadan, the Muslim month of fasting, begins at sunset on the 19th, but can vary depending on when the young moon is first seen.

Winter makes its official entrance at 7:56 p.m. on the 21st. At that moment the sun reaches a point directly over the Tropic of Capricorn, the furthest south in its journey through the heavens. From our point of view, the sun won't be visible but the bright winter constellations will be rotating into the east; all those constellations will be well up by 11 p.m. Leading the way is the beautiful Hyades cluster, in the center stands Orion with his raised club, and near last but perhaps most glorious comes Sirius, the brightest star in the sky. In other celestial quarters, Pegasus gallops its signature Great Square into the northwest horizon and the Big Dipper stands upright in the north.

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Starwatch is a monthly guide to the night sky in the Upper Midwest. For a taped version from the University of Minnesota astronomy department, call (612) 624-2001.

Contact:

**Deane Morrison, University News Service, (612) 624-2346,
dmorris@mailbox.mail.umn.edu**

11/19/98

Starwatch is also on the Web at www.umn.edu/urelate/news.html.

- What:** Richard Pfutzenreuter to co-chair biennial budget committee for Ventura transition
- Who:** Richard Pfutzenreuter, associate vice president, office of budget and finance, (612) 625-4517
- Contact:** Mike Nelson, University News Service, mnelson@mailbox.mail.umn.edu, (612) 626-7701

U OF M CHIEF FINANCIAL OFFICER TO CO-CHAIR TRANSITION COMMITTEE

MINNEAPOLIS/ST. PAUL--Richard Pfutzenreuter, the University of Minnesota's chief financial officer and associate vice president for budget and finance, has been named co-chair of the transition team committee working on Governor-elect Ventura's biennial budget recommendations. Pfutzenreuter will serve on a part-time basis, effective immediately. Pam Wheelock, director of planning and economic development for the city of St. Paul, will be the other committee co-chair.

A graduate of Hamline University, Pfutzenreuter has served as associate vice president for budget and finance since 1992 and as the university's chief financial officer since July 1998. He has also served as fiscal staff director of the Minnesota House of Representatives Ways and Means Committee. He will continue his duties as the university's chief financial officer and associate vice president throughout the transition and is not seeking a permanent position within the Ventura administration.

"My decision to participate in the transition was influenced by the fact that Governor-elect Ventura and President Yudof both share a strong sense of the importance of public service," Pfutzenreuter said. "I am pleased to be of service to the governor-elect and the state." □

Who: Amy Grant
What: Bald eagle release
When: 3 p.m. Sunday, Nov. 22
Where: River flats, U of M east bank
Contacts: MaryBeth Garrigan, Raptor Center, (612) 624-3031
Deane Morrison, University News Service, (612) 624-2346



SINGER AMY GRANT TO RELEASE BALD EAGLE SUNDAY

MINNEAPOLIS / ST. PAUL--Singer Amy Grant will release a bald eagle from the University of Minnesota Raptor Center at 3 p.m. Sunday, Nov. 22, on the river flats area below and south of the Washington Avenue Bridge on the east bank. The adult eagle was brought to the center Sept. 21 suffering from eye and head trauma.

This release kicks off the Raptor Center's "Free an Eagle, Feed a Child" food drive and open house. The open house will be held from 11 a.m. to 4 p.m. Sunday, Dec. 6. Visitors who bring 20 nonperishable food items to the center on or before that date can have a free picture taken with an eagle during the open house, be entered in a drawing to release an eagle and receive a 10 percent discount coupon for items in the center's gift store. □

Who: Gordon Sprenger, Allina Health executive officer
What: Outstanding Achievement Award
When: 6 p.m. Tuesday, Nov. 24
Where: Eastcliff, 176 Mississippi River Blvd., St. Paul
Contact: Jim Thielman, University News Service,
thielman@mailbox.mail.umn.edu, (612) 624-0214

GORDON SPRENGER TO RECEIVE U OF M OUTSTANDING ACHIEVEMENT AWARD

Gordon Sprenger, executive officer of Allina Health System in Minneapolis, will receive an Outstanding Achievement Award from the University of Minnesota at 6 p.m. Tuesday, Nov. 24 at Eastcliff, home of the university president, 176 Mississippi River Blvd., in St. Paul. The award recognizes former students who have attained unusual distinction in their chosen fields or professions, or in public service. Recipients also must have demonstrated outstanding achievement and leadership on a community, state, national or international level.

Sprenger, a native of Albert Lea, Minn., received a master's degree in hospital administration from the university in 1961. In 1982, he created LifeSpan Inc., to begin reforming health care delivery. Through mergers, the company eventually became Allina Health System. Allina is a not-for-profit group formed in 1994 that serves nearly half of Minnesota's residents.

Sprenger's ideas about the health care delivery system were featured in an Oct. 28, 1996, edition of Business Week. In the article, he discussed his belief that medical treatment alone cannot alter the health care system and that society must explore medical solutions through public advocacy and social work. In 1996, Allina set up a free clinic for low-income children near one of its hospitals. It became the first such clinic in the nation.

"I'm not trying to boil the ocean," he was quoted in the article, "but hospitals must team with communities to address violence, problems of our youth, unemployment and housing with the same vigor we attack illness."

Sprenger received his bachelor's degree from St. Olaf College in 1959, and he was awarded the school's distinguished alumnus award in 1982. He is the speaker and past chair of the American Hospital Association, a board member and former chair of the Metropolitan Healthcare Council, former chair of the Voluntary Hospitals of America and a member of the board of overseers at the university's Carlson School of Management. □

Who: Carl Platou, Fairview CEO
What: Outstanding Achievement Award
When: 6 p.m. Tuesday, Nov. 24
Where: Eastcliff, 176 Mississippi River Blvd., St. Paul
Contact: Jim Thielman, University News Service,
thielman@mailbox.mail.umn.edu, (612) 624-0214

CARL PLATOU TO RECEIVE U OF M OUTSTANDING ACHIEVEMENT AWARD

Carl Platou, who was president and chief executive officer of Fairview Hospitals for 36 years, will receive an Outstanding Achievement Award from the University of Minnesota at 6 p.m. Tuesday, Nov. 24, at Eastcliff, home of the university president, 176 Mississippi River Blvd., in St. Paul. The award recognizes former students who have attained unusual distinction in their chosen fields or professions, or in public service. Recipients also must have demonstrated outstanding achievement and leadership on a community, state, national or international level.

Platou received a bachelor's degree in social psychology from the university in 1949 and a master's degree in health care administration in 1951. In 1962, he opened one of the country's first extended-care health facilities. He was named executive vice president of Fairview in 1963 and became president of the hospital in 1970. He became CEO of the hospital in 1983.

Platou is the founder and director of the Center for Health and Medical Affairs at the University of St. Thomas. The center collaborates with health care organizations in the region to hold workshops, and provide certificate and other degree programs for the health management community.

Platou has served on numerous boards, including the Salvation Army, Guthrie Theater, the University of Minnesota Alumni Association, Augsburg College and the American Hospital Association. He is a member of the American College of Healthcare Executives. □

- What:** New thinking about blood pressure measurements
- When:** Study in November Journal of Anti-Aging Medicine
- Who:** Germaine Cornelissen, Ph.D., 39-55-417-892 in Italy through Nov. 29, 47-7762-7813 Norway through Dec. 6, (612) 624-6976 starting Dec. 7
Franz Halberg, M.D., 39-55-427-9712 or 39-355-807-2259 in Italy through Nov. 29, (612) 624-6976 in Minneapolis starting Nov. 30
- Where:** Offices at 5-187 Lyon Labs, 420 Washington Ave. S.E., Minneapolis
- Contact:** Teri Charest, Academic Health Center, (612) 624-4604

U OF MINNESOTA RESEARCHERS URGE STRICTER BLOOD PRESSURE CHECKS

MINNEAPOLIS / ST. PAUL--To reduce the risk of vascular disease and stroke, patients should monitor their blood pressure systematically for several days rather than taking a single reading, according to recent findings by University of Minnesota researchers. Those findings appear in the November Journal of Anti-Aging Medicine.

The traditional single blood pressure measurement is like "a snapshot of a [ride on a] roller coaster," conclude Franz Halberg, professor of laboratory medicine and pathology; Germaine Cornelissen, director of the university's Chronobiology Laboratory; and a team of researchers from Minnesota, the Czech Republic, China, Italy, Japan and Russia.

A person's blood pressure rises and falls many times every day, and those variations can differ from day to day, the researchers say. In some cases, differences between nighttime and daytime measurements are extreme, a pattern that typically would not be detected by casual single measurements. Those extreme variations, called circadian hyper-amplitude tension (CHAT) by the authors, indicate a greatly increased risk of vascular disease (narrowing of the blood vessels) and stroke or stroke-like attacks.

To assess the daily variation in blood pressure, the researchers recommend that measurements be made around the clock for at least seven days by means of a portable battery-operated monitor. To avoid sometimes costly automated monitoring, however, patients can monitor themselves with manually activated digital recorders every three hours while awake and once about midway through the sleep cycle. The data can then be evaluated by using a University of Minnesota database. The database is critical to determining whether CHAT is present. If a diagnosis of CHAT is indicated, a health practitioner may then prescribe relaxation or drug therapy to enhance the patient's quality of life as well as his or her longevity, the team reports.

"CHAT is associated with a 720 percent increase in risk of ischemic cerebral events [strokes]," the authors write. In contrast, the increase in risk is 310 percent for high blood pressure, 370 percent for old age, 160 percent for family history of high blood pressure and/or other vascular disease, 170 percent for smoking and 150 percent for alcohol consumption. □

What: Conference on domestic violence in African American community
When: Friday, Dec. 4, to Saturday, Dec. 5
Where: Hyatt Regency San Francisco Airport Hotel
Contact: Susan Ahn, University News Service, ahn@mailbox.mail.umn.edu,
(612) 624-8038

INSTITUTE ON DOMESTIC VIOLENCE IN THE AFRICAN AMERICAN COMMUNITY AT THE UNIVERSITY OF MINNESOTA HOSTS NATIONAL CONFERENCE

The Institute on Domestic Violence in the African American Community will host a national forum to address domestic violence in the African American community on Friday, Dec. 4, from 9 a.m. to 5:30 p.m. and Saturday, Dec. 5, from 9:30 to 11 a.m. at the Hyatt Regency San Francisco Airport Hotel.

Titled "Domestic violence across the lifespan of African Americans: Traditional strategies and contemporary practices--Exploring the possibilities of popular intervention," the conference will bring together more than 200 individuals representing non-profit agencies, universities, local, state and federal government organizations from across the country and others who seek to understand and share techniques on how to provide culturally specific domestic violence awareness and intervention strategies to significantly reduce violence in the African American community.

"Popular culture is an effective prevention and intervention strategy to reach African American populations," says Dr. Oliver Williams, executive director of the institute. "Music, media and dance are just some of the tools that can be used to educate communities on domestic violence. We will explore the prevalence of domestic violence in our community and examine historical and culturally specific prevention and intervention tools." The forum will also share examples of popular culture interventions of domestic violence.

For further information on the Institute on Domestic Violence in the African American Community, call (612) 624-5357. □

news

What: U physicians perform 1,000th pancreas transplant

Who: David Sutherland, M.D. (612) 625-7600

**Contacts: Teri Charest, Academic Health Center, (612) 624-4604
 Ryan Davenport, Fairview-University, (612) 672-4164**

U OF MINNESOTA SURGEONS PERFORM 1,000TH PANCREAS TRANSPLANT, THE MOST WORLDWIDE

MINNEAPOLIS / ST. PAUL--University of Minnesota surgeons performed their 1,000th pancreas transplant Friday, Nov. 27, at Fairview-University Medical Center in Minneapolis. The patient, Todd Benson, is a 38-year-old man from Stillwater. A Type I diabetic, he was insulin-dependent for 28 years. He underwent a pancreas transplant from a cadaver donor and is expected to go home this week.

Dr. David Sutherland, professor of surgery and head of the department of surgery's transplantation division, led the team, which included surgeons Dr. Raja Kandaswamy and Dr. Assad Hassoun. The world's first successful pancreas transplant was performed by University of Minnesota surgeons in 1966. Since then more pancreas transplants have been done at the university than anywhere else in the world. More than 100 pancreas transplants have already been performed this year at Fairview-University.

More than 16 million Americans suffer from some form of diabetes; one million have Type I. In addition to taking insulin injections, they must monitor their blood sugar several times a day and follow a restricted diet. Pancreas transplants are an effective treatment for Type I diabetes and offer most patients freedom from daily insulin injections, the researchers said. A transplanted pancreas can last a lifetime, and many recipients have been insulin-free for more than 15 years. Islet cell transplantation, first performed in the 1970s, is a less invasive alternative to a pancreas transplant but has been less successful. Islets, located in the pancreas, are the sites where insulin is produced and released.

Many pancreas transplants have been performed in combination with a kidney transplant. Since 1994 the organ or graft survival rates have been near 90 percent in patients who received a pancreas and a kidney simultaneously. For pancreas transplant after a kidney transplant the success rate is over 80 percent, and for a pancreas transplant alone the success rate is 70 percent. If a transplanted organ fails, the patient goes back on insulin.

University of Minnesota surgeons perform more cadaver-donor and living related-donor pancreas transplants than any other center worldwide. Living-donor transplants, in which half of the donor's pancreas is given to the recipient, can reduce the chance of rejection and eliminate the wait for a cadaver organ. Cadaver donor pancreases can also be divided and transplanted into two recipients, which may become more common as the organ shortage becomes more acute.

In September university surgeons performed their 5,000th kidney transplant at Fairview-University Medical Center. In 1997 university surgeons were the first in the world to successfully transplant all intra-abdominal organs--kidney, pancreas, bowel and liver--from living related donors. □

What: Obituary
Who: Jack Allison, U of M professor emeritus
Contact: Dr. Jim Carey, (612) 626-2746
Jim Thielman, University News Service, (612) 624-0214

JACK ALLISON DIES; WAS PAST DIRECTOR OF U PHYSICAL THERAPY PROGRAM

MINNEAPOLIS / ST. PAUL -- John (Jack) Allison, professor emeritus and director of the University of Minnesota's physical therapy program from 1978 to 1993, died Sunday, Nov. 29, of lung cancer. He was 68.

In 1992 Allison received the Horace T. Morse University of Minnesota Alumni Association Award for outstanding contribution to undergraduate education. He also won the Outstanding Service Award from the Minnesota Chapter of the American Physical Therapy Association and the WCCO Good Neighbor Award.

Allison received both his bachelor's (1954) and master's (1965) degrees in physical therapy from the university. He served as a physical therapist in the Army from 1954 through 1956, and later at the University of Minnesota Hospital. He began his teaching career in 1957 and retired as an associate professor in the department of physical medicine and rehabilitation in 1978.

Allison was also a researcher and an inventor who held two patents for devices used for head support and mobility.

A resident of Shoreview, Minn., he was a member of the Courage Center Board, Roseville Senior Citizen Advisory Committee, and former chair and vice chair of YMCA Camp duNord.

Allison is survived by his wife, Eadie; three children and six grandchildren.

A memorial service is scheduled for 4 p.m. Thursday, Dec. 3, at Presbyterian Church of the Way, 3382 N. Lexington Ave., Shoreview.

In lieu of flowers, it is preferred that memorials be sent to the university's Physical Therapy Program, YMCA Camp duNord or the Presbyterian Church of the Way Planned Giving.

Wei will be available from 4 to 5 p.m. Sunday, Dec. 6, at the Radisson Metrodome Hotel. Call Joan Brezezinski at (612) 624-1002 to arrange an interview.

- What: Honorary degree**
Who: Wei Yu, Chinese vice minister of education
When: 7 p.m. Monday, Dec. 7
Where: Northrop Auditorium
Contacts: David Pui, China Center director, (612) 624-1002
Deane Morrison, University News Service, (612) 624-2346

CHINA'S VICE MINISTER OF EDUCATION TO RECEIVE U OF M HONORARY DEGREE

MINNEAPOLIS / ST. PAUL--Wei Yu, vice minister of the Ministry of Education of the People's Republic of China, will receive an honorary doctor of laws degree from the University of Minnesota at 7 p.m. Monday, Dec. 7, in Northrop Auditorium during the Graduate School commencement ceremony.

Wei, the first Chinese woman to receive a doctoral degree from a foreign institution after the establishment of the People's Republic of China in 1949, is a pioneering engineer and an advocate of international educational partnerships.

Wei received bachelor's (1961) and master's (1965) degrees in radio and electronic engineering from the Nanjing Institute of Engineering and taught in the department of electronics at the institute until 1979. She received a doctoral degree in electrical engineering from Aachen Polytechnic University in Germany in 1981. She returned to China and began her career in engineering and public service.

In 40 years as a teacher and researcher, Wei has contributed to developments in bioelectronics and grounding molecular electronics. She established China's Medical Imaging Research Center, founded the Chinese Medical Imaging Society and established China's first doctoral program in bioelectronics. In 1994 she was elected to the Chinese Academy of Engineering, the highest honor bestowed on engineering professionals.

At the Nanjing Institute of Technology (now Southeast University), Wei has served as director of the Research Institute of Electronics (1982-84), dean of the Graduate School (1985-93), vice president (1985-86) and president (1986-93). She was elected vice chair of the All-China Women's Federation and of the Chinese Higher Education Society in 1988. In 1993 Wei became vice minister in the Ministry of Education, which is responsible for the K-12 and higher education of approximately 250 million Chinese students.

Wei has a special interest in Minnesota because of the large number of Chinese students and scholars who have been educated at the university. She has personally welcomed visits from University of Minnesota President Mark Yudof, former President Nils Hasselmo, Institute of Technology Dean Ted Davis and College of Biological Sciences Dean Robert Elde. □

Embargoed by *Science* until 3 p.m. CST Thursday, Dec. 3.**What: Stalagmites reveal climate history****Where: Mid-continent****Who: Jeff Dorale, geology graduate student, (612) 626-7663, 624-9598****Contact: Deane Morrison, University News Service, (612) 624-2346****MISSOURI CAVE YIELDS TREASURE TROVE OF CLIMATIC HISTORY**

MINNEAPOLIS / ST. PAUL--Stalagmites from a Missouri cave have yielded a clear picture of climate and vegetation change in the mid-continental region during the millennia leading up to the last ice age (75,000 to 25,000 years ago), a time period for which such data have been sketchy. The records show that average temperature fluctuations of four degrees C. were associated with profound changes in vegetation, including a sharp shift from prairie to forest 55,000 years ago, when temperatures fell and ice sheets began to grow. The study, to be published Friday in the journal *Science*, reveals the value of stalagmites in reconstructing past climate, said lead author Jeffrey Dorale, a graduate student in geology at the University of Minnesota.

"It hasn't been clear how climate and vegetation changed between 120,000 years ago, when conditions were similar to today, and 20,000 years ago, when the last Ice Age was at its peak," said Dorale. "Much of the data comes from the oceans, and while that's good in determining global patterns it's less helpful in figuring out local and regional climate histories."

Climatic change in continental regions is most frequently studied by examining pollen in lake sediments, Dorale said. Unfortunately, most lakes in the middle of the United States are younger than 15,000 years, which limits their value for studying earlier times. But stalactites (growing down like icicles) and stalagmites (growing up from cave floors) can be much older. These limestone structures, built from calcium carbonate deposited by running water, are layered like rings in a tree, with stalagmites usually having sharper, more easily studied rings.

"Techniques developed in the last decade by Larry Edwards and others at the University of Minnesota have made possible this kind of resolution in dating calcium carbonate materials such as

stalagmites and corals," said Dorale. The dating techniques are based on the radioactive decay of uranium and allow scientists to determine the ages of material much older than can be determined using carbon dating. Edwards, a professor of geology and geophysics at the university, is a co-author of the paper. Other co-authors are Emi Ito, also a professor of geology and geophysics at the university, and Luis Gonzalez, associate professor of geology at the University of Iowa.

The researchers examined four stalagmites from Crevice Cave, about 75 miles south of St. Louis. The stalagmites appeared to have been broken by natural forces such as floods or earthquakes and were found about 80 feet below the ground surface, Dorale said. The team determined how long ago the stalagmite layers were deposited, then deduced the general types of vegetation growing in the vicinity during that era by examining the carbon and oxygen within the calcium carbonate. Carbon and oxygen exist in different forms, called isotopes. The mixture of oxygen isotopes in a layer of stalagmite reveals the temperature when that layer was deposited. Similarly, the mixture of carbon isotopes indicates whether the plants were warm-season grasses or cold-season grasses and trees. From this information the researchers constructed a temperature/vegetation profile of the area.

The profile showed forest in the area 75,000 years ago. The forest changed to savannah 71,000 years ago, followed by prairie at 59,000 years and forest again at 55,000 years. The forest persisted until 25,000 years ago. This pattern is consistent with climatological records from the ocean, which indicate global cooling between 55,000 and 25,000 years ago, said Dorale.

The study also revealed that in the mid-continental region, small temperature shifts could affect the form of vegetation, which is sensitive to the balance between temperature and moisture.

"Shifts of a few degrees can really push us over the threshold to forest or grassland," said Dorale.

The researchers cautioned that further study is needed to determine how wide a geographic area is represented by the climatic history uncovered in Crevice Cave.

"We think this research should continue," said Dorale. "Caves should not be overlooked as a resource in climatological studies." □

What: \$5 million NIH grant for drug addiction studies
Who: Horace Loh, Ph.D., (612) 626-4460
Contact: Amy Johnson, Academic Health Center Communications,
(612) 625-2640

U OF M RECEIVES GRANT FOR DRUG ADDICTION CENTER

MINNEAPOLIS / ST. PAUL--The National Institutes of Health have awarded the University of Minnesota \$5 million to launch its Drug Addiction Research Center in Molecular and Cellular Biology. The grant will finance studies at the center for the next five years. The center brings together researchers who study drug-induced changes in single nerve cells to better understand how addiction to such drugs as marijuana, nicotine, caffeine and opiates occurs.

"If we can understand how addiction works on the cellular or molecular level, we can understand the origin of addiction," said Horace Loh, center director and head of the university's pharmacology department.

Loh said patients in severe pain receive an opiate, such as morphine. Morphine can become addictive if used for an extended period. Knowing what changes occur inside cells to trigger and cause addiction could lead to a better, nonaddictive painkiller. Treatments for drug addiction could also be developed by the researchers at the center, Loh said.

The center includes faculty members from the departments of pharmacology, biochemistry and surgery and the College of Biological Sciences. By combining their efforts, center researchers will use various state-of-the-art scientific methods to identify the molecular changes in nerve cells that accompany drug addiction. □

What: Genetic source of some epilepsy and retardation found
When: Published Dec. 7 in Human Molecular Genetics
Who: Elizabeth Ross, M.D., Ph.D., (612) 626-2499
Contact: Teri Charest, Academic Health Center, (612) 624-4604

U OF MINNESOTA SCIENTISTS FIND GENETIC LINK TO SEVERE BRAIN DEFECT

Scientists from the University of Minnesota and three collaborating institutions have identified the genetic mutations responsible for up to 76 percent of cases of lissencephaly, a severe birth defect that causes epilepsy and mental retardation.

In a report in the Dec. 7 issue of the journal Human Molecular Genetics, the researchers said the brain abnormalities caused by the mutations are detectable with blood tests and on magnetic resonance imaging (MRI) brain scans.

Some children born with a severe form of lissencephaly never develop mentally beyond one to three months of age, and more than half with severe lissencephaly die in early childhood. The findings could lead to prenatal diagnosis of the mutation in some fetuses and to the development of ways to treat or prevent the resulting abnormalities, according to Dr. Elizabeth Ross, associate professor of neurology and one of the principal investigators.

The defect itself is relatively rare. The U.S. Centers for Disease Control and Prevention have estimated it occurs in 4 to 11 out of every million live births in the United States, but Dr. William Dobyns, a neurologist at the university who has followed the disorder since the early 1980s, said the incidence is 10 to 100 times higher.

Ross said it appears clear that the mutations prevent fetal brain cells that form deep in the brain from moving through the appropriate pathways to their final destination on the surface of the brain. The failure of these cells neurons to reach the surface results in disorganized brain structure, seizures and mental retardation, she said.

"The placement of the mutations in these genes and the differences now detectable in the MRI of the resulting disordered brains are leading to important clues to the function of the normal genes that direct neuronal migration or movement of brain cells to their proper location," Ross said.

Once all the pieces of this puzzle are put together, researchers hope to understand how to prevent problems with migration during fetal brain development. They may be able to sort out why an out-of-place neuron is likely to trigger seizures. By understanding how neurons move during development, researchers hope to find ways to promote repair after brain injury.

Dobyns, who is also a principal investigator, said the fetal brain cells that cause lissencephaly could be described as poor climbers. "It's like climbing Mount Everest," Dobyns explained. "They aren't

climbing fast enough, and it's as if they are caught in a snowstorm before reaching the summit. They get frozen in place--the wrong place."

That failure to reach the proper location near the surface of the brain leaves the brain surface smooth, without the bumps found on a normal brain. It is the smooth surface, which also is thicker than normal, that makes it possible for doctors to use MRI scans to diagnose the disorder.

The identification of the defective genes makes it possible for doctors to determine if the disease was inherited and if the parents are at risk of having a second child with the same disorder. If tests indicate that the mutation was not inherited, the chances of a second child having the disorder are less than one percent. But when the mutation appears to be inherited, the risk is about 50 percent, Dobyens said. There now are about 600 families involved in a nationwide support group for parents who have had a child with lissencephaly, Dobyens said. In most cases, he said, the mutation does not appear to be inherited.

Dobyens said it's not known why most cases of lissencephaly genetic mutations occur.

"The information in chromosomes--the genetic code--is copied millions of times as the fetus develops," he said. "In fact, the entire genome is duplicated each time a cell divides. Most of the time, this copy is exact, with all mistakes 'edited' or corrected. However, sometimes there is a mistake in the copying--a letter is subtracted or a word deleted. Most often, these mistakes do not change the actual protein's 'readout' from the gene blueprint. But when the mistake alters the protein made from the gene, problems such as lissencephaly may arise."

He said that birth defects of the cortex, or surface of the brain, including lissencephaly, account for 15 percent of intractable cases of epilepsy in adults and 25 to 40 percent of intractable cases of epilepsy in children. The percentages are different for adults and children because many adults develop seizures because of head injuries and strokes.

Ross said that knowing which genetic mutations cause the problems means that scientists will be able to create the defect in animals, making it possible to find out more about the defect and, possibly, develop corrective treatments.

Scientists from David Ledbetter's laboratory at the University of Chicago and from Christopher Walsh's group at Harvard Medical School were co-authors of the report, as was A. James Barkovich of the University of California at San Francisco. □

What: Art exhibit depicts memories of Holocaust, genocide
When: Jan. 7 - Feb. 25, 1999
Where: Katherine E. Nash Gallery, University of Minnesota
Contact: Stephen Feinstein, feins001@tc.umn.edu, (612) 626-2235
Susan Ahn, University News Service, ahn@mailbox.mail.umn.edu,
(612) 624-8038

U OF M EXHIBIT EXPLORES GENOCIDE THROUGHOUT HISTORY

MINNEAPOLIS/ST. PAUL.--Memories of the Holocaust, Armenian genocide, Native American genocide, and genocide in the former Yugoslavia and Africa are explored in the exhibit

"Absence/Presence: the Artistic Memory of the Holocaust and Contemporary Genocide," at The University of Minnesota's Katherine E. Nash Gallery. The exhibit opens Thursday, Jan. 7, and runs through Feb. 25. An opening reception is scheduled for 6 to 8:30 p.m. Jan. 7 at the gallery.

The artists in Absence/Presence represent a broad mix of ethnic and religious backgrounds. The exhibit has been constructed to examine how art can convey the memory of genocide, historical and contemporary, and how such aesthetics can be constructed. Stephen Feinstein, director of the university's Center for Holocaust and Genocide Studies and curator of the exhibit, asks, "Can art tell the story? Can art heal? I think the answer to both questions is a qualified 'yes'. However, it may be possible that art's role is more to remind us of the possibilities of other forms of knowledge as the real way of knowing what humanity has the capacity to do and achieve."

Gallery hours are 10 a.m. to 4 p.m. Monday, Tuesday, Wednesday and Friday, 10 a.m. to 8 p.m. Thursday, and 11 a.m. to 5 p.m. Saturday. The gallery is closed Sundays. The gallery is located on the lower concourse of Willey Hall, on the west bank of the Twin Cities/Minneapolis campus.

The exhibit is coordinated by the Center for Holocaust and Genocide Studies, the Coffman Union Visual Arts Committee and the Department of Art, all located at the University of Minnesota. □

A photo of Ebner is available at <http://www.neurosci.umn.edu/faculty/ebner.html>.

What: Head of new neuroscience department named
Who: Timothy Ebner, M.D., Ph.D., (612) 626-9200
Contact: Amy Johnson, Academic Health Center Communications,
johns423@tc.umn.edu, (612) 625-2640.

EBNER NAMED HEAD OF U OF M NEUROSCIENCE DEPARTMENT

MINNEAPOLIS / ST. PAUL--Dr. Timothy Ebner, professor of neurosurgery and physiology, has been named head of the newly established department of neuroscience at the University of Minnesota. He was director of the graduate program in neuroscience and currently holds the Visscher Chair of Physiology.

Neuroscience is the study of the brain and its billions of nerve cells. Ebner said the challenge of neuroscience is to understand how the brain functions in both health and disease, such as stroke, epilepsy or Alzheimer's disease.

The department of neuroscience is the last of four new departments created as a result of the university-wide biological sciences reorganization. The department, along with the College of Biological Sciences, offers an undergraduate major in neuroscience. The department's faculty teach students in the Medical School and the School of Dentistry, and they mentor doctoral students through the graduate program in neuroscience. Ebner said the department will eventually involve 20 to 30 researchers who will study how the brain controls movement, functional brain imaging, degenerative diseases, development of the nervous system, pain, and higher brain functioning.

"Neuroscience is the major force that will lead to remarkable advances in our understanding of the nervous system as we are poised to begin the 21st century," said Dr. Alfred Michael, dean of the Medical School. "Our school is well positioned with its new department and Dr. Ebner's leadership."

Ebner received his medical and doctoral degrees in 1979 from the university, the same year he joined the neurosurgery department faculty. He has been the director of the neurosurgery laboratory since 1984 and has held a joint faculty position in the department of physiology since 1990. Ebner studies how single nerve cells and groups of nerve cells provide the information needed to control movement. He also uses different imaging techniques to "see" brain activity. □

What: U of M Human Rights Center 10th anniversary
When: Noon Thursday, Dec. 10
Where: Minneapolis and St. Paul city halls
Contacts: Kristi Rudelius-Palmer, co-director, U of M Human Rights Center
 (612) 626-7794
 Mike Nelson, University News Service, mnelso037@tc.umn.edu,
 (612) 626-7701

U HUMAN RIGHTS CENTER CELEBRATES 10TH ANNIVERSARY; 50TH ANNIVERSARY OF UNIVERSAL DECLARATION OF HUMAN RIGHTS

MINNEAPOLIS / ST. PAUL--The University of Minnesota Human Rights Center will celebrate its 10th anniversary and the 50th Anniversary of the Universal Declaration of Human Rights on Thursday, Dec. 10, with events, activities and town hall meetings in Minneapolis and St. Paul.

Town hall meetings, scheduled in Minneapolis St. Paul city halls from noon to 1 p.m., will include proclamations by Minneapolis mayor Sharon Sayles Belton and St. Paul mayor Norm Coleman. U.S. Sen. Paul Wellstone will participate in the Minneapolis town hall meeting, and Sheila Wellstone will join the St. Paul meeting.

The University of Minnesota Human Rights Center was established December 10, 1988, the 40th anniversary of the Universal Declaration of Human Rights. During the past 10 years, the center has sponsored human rights internships and fellowships for more than 150 students, teachers, lawyers and community members to assist human rights organizations in 46 nations.

The center has also established the University of Minnesota Human Rights Library, one of the larger collections of human rights treaties, decisions and other materials available on the Internet. The library just received a two-year grant from the Joyce Mertz-Gilmore Foundation to improve its accessibility and capacity as a core resource for human rights activists, scholars and educators in more than 100 countries.

The center has also co-sponsored a program with the Minnesota Advocates for Human Rights to develop teams to teach human rights and responsibilities to K-12 students. Since its beginning the Partners Program in Human Rights Education has provided human rights training to 900 school teachers, lawyers, law students and community members, who have taught human rights and responsibilities to 15,000 children in Minnesota, the Dakotas and Wisconsin.

The Universal Declaration of Human Rights of 1948 marked the beginning of the modern struggle to protect human rights. Drafted under the leadership of Eleanor Roosevelt, it reflects an authoritative worldwide definition of human rights.

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What: New ideas on keeping teens safe and healthy
When: Tuesday, Dec. 15, 11 a.m.
Where: Bandana Square, 1021 Bandana Blvd. E., St. Paul
Who: Robert Blum, M.D., (612) 626-2796
Contact: Teri Charest, Academic Health Center, (612) 624-4604

U CONFERENCE HIGHLIGHTS IDEAS ON TEEN HEALTH AND WELL-BEING

MINNEAPOLIS / ST. PAUL--Ideas that challenge the conventional wisdom on how to keep teenagers healthy and safe will take center stage at "Reasons to Invest in Adolescents," a conference featuring University of Minnesota researchers and state and local policy-makers. The invitation-only event will be held at 11 a.m. Tuesday, Dec. 15, in Bandana Square in St. Paul.

Among the speakers is Martha Burt, Ph.D., senior policy researcher with the Urban Institute in Washington, D.C. According to Burt, public policies have too often either ignored youth or attended to them only when they created problems for adults. Burt and colleagues from the university will discuss what works and how an investment in teens lowers the long-term cost to society.

"The reality is, we do know what strategies work or show great promise for improving the well-being of youth," said Robert Blum, M.D., professor and director of the university's division of adolescent health. In 1997 Blum and colleagues have reported results of a nationwide survey of youth that found parents do make a difference in the well-being of their children, despite what kids may say.

After Burt's lecture, a panel of teen-agers will talk about what did and did not make a difference in their lives when they made decisions about such matters as sex, substance use and violence. A public session with Burt will follow the conference at 3:30 p.m. in the Humphrey Center Cowles Auditorium, 301 19th Ave., Minneapolis.

This is the first of a series of policy institutes hosted by the university's Konopka Institute for Best Practices in Adolescent Health. For more information contact Judith Kahn, director of the Konopka Institute, at (612) 625-7137. □

What: U of M College of Education receives \$1 million gift

**Contacts: Martha Douglas, University of Minnesota Foundation,
mdouglas@tc.umn.edu, (612) 626-9712**

**Peggy Rader, College of Education and Human Development,
rader004@tc.umn.edu, (612) 626-8782**

U COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT GETS \$1 MILLION GIFT

MINNEAPOLIS / ST. PAUL--The University of Minnesota has received a gift of \$1 million from Cornelia W. Ooms Beck to establish the Robert Holmes Beck Chair of Ideas in Education. The chair, in memory of former Regents' Professor Robert Beck, is the first in the country dedicated to scholarly study of the concepts underlying critical issues in education.

Beck received an undergraduate degree in philosophy from Harvard University and completed a doctorate in history and philosophy of education at Yale University in 1942. He joined the University of Minnesota faculty in 1947 and was named a Regents' Professor in 1976.

Beck studied the history and philosophy of education and had a wide range of professional interests, including the history of ideas, education in classical antiquity and Renaissance Italy, comparative education, and vocational education as a part of liberal education. He also traveled widely, teaching and researching other educational systems.

Ayers Bagley, professor of educational policy and administration and Beck's friend and colleague for many years, said Beck's academic studies and his war experience in Europe "convinced Beck that education, properly understood, was mankind's best hope for a more humane future."

A search will be conducted to fill the chair with a scholar whose research and teaching interests reflect those of Beck.

"This generous gift from Mrs. Beck will allow the college and the university to support innovative research into the ideas and philosophy underlying education," said College of Education and Human Development Dean Steven Yussen. "It is a fitting tribute to one of the college's most illustrious faculty members, Robert Beck. At a time when so many education issues are in the forefront of public policy, both locally and nationally, it is essential that the college be able to provide visionary leadership. This gift will provide the resources we need to support creative, groundbreaking research into the foundations of education excellence."

This new chair brings the total number of endowed chairs and professorships at the university to 251.

UNIVERSITY OF MINNESOTA JANUARY STARWATCH

by Deane Morrison

As New Year's Day fades, it gives way to a rising full moon, the first of two full moons in January. That makes January a "blue moon" month; but wait, it gets better. March will also have two full moons. Thanks to this astronomical quirk, 1999 will go down as the first "double blue moon" year since 1961 and the last until 2018. It also means 1999 will be a year of 13 full moons. The downside, of course, is no full moon at all in February.

The first full moon arrives at 8:50 p.m. on the 1st. This moon is called the old moon or moon after yule. The second comes at 10:07 a.m. on the 31st. Having two full moons in a month makes it a little difficult to name the second, so call it the full wolf moon, a name several Indian tribes applied to January's moon. Or simply call it blue moon number one. Between the full moons comes a new moon, which arrives the morning of the 17th.

The best times to see the moon near bright stars or planets come in midmonth, when the moon is very old or very young. An old crescent will appear in the morning sky east of Antares, the heart of Scorpius, on the 14th. On the 18th, a young crescent will hang below Venus in the sun's afterglow; the next evening, the crescent will be easy to find above and left of Venus.

Venus, Jupiter and Saturn line up in the post-sunset sky. Venus, still very close to the sun, doesn't look very bright but gains altitude as the month goes by. Jupiter, a luminous yellow disk, comes out in the southwest after sundown and outshines our sister planet. Venus and Jupiter are approaching each other and will reach conjunction next month.

Saturn, noticeably dimmer than Jupiter, has little company in the dark swath of sky between Jupiter and the bright knot of winter constellations. Look for the ringed planet below and behind the Great Square of Pegasus, in the west after sunset.

Early birds can follow the "star trek" of Mars, which appears high in the south at dawn above the bright star Spica, in Virgo. Mars will glide eastward, passing closest to Spica the morning of the 12th.

also moving with respect to us. Earth is gaining on Mars in the orbital race and will overtake it in April. As the two planets get closer, Mars waxes ever brighter.

Mercury makes a brief visit to the morning sky. New Year's Day will be the best time to see the planet, low in the east-southeast an hour before sunrise. After that, the messenger of the gods will disappear again.

The Milky Way stretches from southeast to northwest across the evening sky. Just below it, in the south, shines Sirius, brightest of stars. Sirius, Greek for scorching, is about twice the size of the sun and 20 times as bright. At only 8.7 light-years, it's also a neighbor of ours. Compare it to Betelgeuse, the reddish star in Orion's eastern shoulder. Betelgeuse, although a whopping 500 light-years away, is a red supergiant 13,000 times brighter than our sun. Also high and easy to find this month is Algol, a star famous for its variable brightness. Located in Perseus, Algol is actually a quadruple star system, but only two of those stars eclipse each other. When the dimmer star passes across our line of sight, Algol dims; when the brighter star reappears, the brightness flares up. The period of revolution is nearly three days. Algol is from the Arabic Ras al Ghul, or demon's head. No doubt the "winking" of Algol suggested a sinister eye looking down from the heavens.

Earth reaches perihelion, its closest point to the sun, at 8 a.m. on the 3rd. The distance at perihelion varies a little from year to year; this year it's 91,400,656 miles.

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Starwatch is a monthly guide to the night sky in the Upper Midwest. For a taped version from the University of Minnesota astronomy department, call (612) 624-2001.

Contact:

**Deane Morrison, University News Service, (612) 624-2346,
dmorris@mailbox.mail.umn.edu**

12/21/98

Starwatch is also on the Web at www.umn.edu/urelate/news.html.

What: U of M vice provost accepts Harvard post
Who: Norma Allewell, Ph.D., (612) 625-6200
Contact: Deane Morrison, University News Service,
dmorris@mailbox.mail.umn.edu, (612) 624-2346

U OF M VICE PROVOST ALLEWELL NAMED HARVARD ASSOCIATE VP

MINNEAPOLIS / ST. PAUL--Norma Allewell, vice provost for research and graduate/professional education and professor of biochemistry at the University of Minnesota, has been named associate vice president for sponsored programs and technology licensing at Harvard University, starting in early January.

Allewell, who represented the office of the executive vice president and provost on research matters, helped establish the new molecular and cellular biology initiative and played a major role in the university's recent reorganization of the biological sciences. She taught graduate and undergraduate classes, including one of the first freshman seminars in the College of Biological Sciences (CBS) this fall, and involved students at all levels in her research. She has served on numerous university committees and task forces and headed the department of biochemistry on the St. Paul campus from 1991 to 1995. She was vice provost for arts, sciences, and engineering from 1995 to 1997.

Allewell received a bachelor's degree in biochemistry from McMaster University in Hamilton, Ont., in 1965 and a doctorate in molecular biophysics from Yale University in 1969. Before coming to the University of Minnesota, she was the founding chair of the department of molecular biology and biochemistry at Wesleyan University. She has served as president of the Biophysical Society and chair of the National Science Foundation Review Committee for the Division of Molecular and Cellular Biosciences. She is currently chair of the advisory board of the International Protein Data Bank, a member of the National Research Council Space Studies Board Committee on Space Biology and Medicine and a member of the U.S. National Committee for the International Union of Pure and Applied Biophysics.

"Norma has made outstanding contributions to the University of Minnesota in research, teaching and university-wide leadership," said Robert Bruininks, university executive vice president and provost. "She has played a key leadership role in the successful innovations taking place under the biological sciences reorganization, and her contributions to this process will be missed."

"Norma is extremely talented in translating her experience from service on national committees and review bodies into what would be best for the University of Minnesota," said CBS Dean Robert Elde.

At Harvard, Allewell will have a university-wide leadership role in sponsored programs and technology transfer. □

Embargoed until 10 a.m. Monday, Jan. 4.

What: News conference: Report on Minnesota K-12 schools
Who: Mark Davison, director, Office of Educational Accountability
 Ron Erickson, associate director, Office of Educational Accountability
 Kate Trewick, asst. commissioner, Children, Families & Learning Dept.
When: 10 a.m. Monday, Jan. 4
Where: Room B-12, Morrill Hall, 100 Church Street S.E.
Contacts: Susan Ahn, University News Service, ahn@mailbox.mail.umn.edu,
 (612) 624-8038
 Bill Brady, University News Service, brady005@tc.umn.edu
 (612) 625-8510

OFFICE OF EDUCATIONAL ACCOUNTABILITY RELEASES K-12 SCHOOL REPORT

MINNEAPOLIS / ST. PAUL--The University of Minnesota Office of Educational Accountability (OEA) has released its first report on the state of Minnesota schools. The report concludes that:

- At grades where data are available, the science and reading achievement of Minnesota students ranks near the top compared to other states and countries. In mathematics, the achievement of Minnesota students ranks near the top nationally, but compares less favorably to the higher-scoring countries.
- Educational accomplishments, including graduation from high school and achievement in mathematics, reading and writing, are unevenly distributed across ethnic groups, which poses major challenges as Minnesota moves toward an increasingly diverse society.
- While charter schools vary widely, the average achievement in charter schools is lower than that for public schools as a whole. The sponsoring agencies of charter schools should carefully monitor the educational outcomes in those schools.

The full report can be found at <http://edpsy.coled.umn.edu/oea/>.

The 1997 Omnibus Education Bill authorized the formation of the OEA, whose mission is to analyze and periodically report on the needs of students and the condition of K-12 education in Minnesota. The OEA is housed in the university's College of Education and Human Development. □

**Media note: Bill Doherty is out of the country the week of Dec. 28.
Eric Doherty will be available for interviews.**

What: Divorce more likely in smokers than nonsmokers

**Who: Bill Doherty, family social science department, (612) 625-4752
Eric Doherty, (651) 659-7150 (work), (651) 917-0254 (home)**

**Contact: Mike Nelson, University News Service,
mnelson@mailbox.mail.umn.edu, (612) 626-7701**

STUDY: SMOKERS MORE DIVORCE PRONE

MINNEAPOLIS/ST. PAUL--Divorce rates run more than 50 percent higher among smokers than nonsmokers, according to research conducted at the University of Minnesota and Macalester College by family social scientist Bill Doherty and his son, Eric Doherty. The study is published in the December issue of the journal Families, Systems & Health.

The study, the first to examine divorce and smoking in a nationally representative sample of American adults, found a 53 percent higher incidence of divorce among smokers. The difference held up after controlling for education, income and race. The Dohertys concluded that smoking is not likely a byproduct of divorce because the vast majority of adult smokers begin smoking in adolescence. Therefore, the onset of smoking precedes the risk for divorce.

Smoking and divorce may owe their association to common underlying factors, the Dohertys said. Dozens of studies over many decades associate smoking with a pattern of psychological and "family of origin" factors that predispose to divorce, they said. For smokers, those factors include poorer mental health; feelings of hopelessness, tension or nervousness; neuroticism and cynicism; and higher levels of psychological disorders such as depression, anxiety, attention deficit hyperactivity disorder (ADHD) and bulimia.

"This study does not suggest that smoking causes someone to divorce in the same way that it causes lung cancer," said Bill Doherty, who is director of the university's Marriage and Family Therapy program. "We believe the most plausible interpretation of the findings is that smokers, because they are more likely to have a variety of psychosocial problems, are more divorce prone than nonsmokers."

Bill Doherty noted that the major weakness of this study--the fact that smoking was measured in the present while the divorces occurred in the past--is offset by a recent University of Michigan study. The Michigan study, which followed a large group of adolescents through early adulthood, found that smoking was a predictor of divorce in adulthood. If subsequent studies support these findings, Doherty suggests, people considering future mates might regard smoking as a risk factor not only for physical health problems, but also for marital instability.

The Dohertys' study expands on research conducted by Eric Doherty for a 1995 sociology class at Macalester in St. Paul. (He got an A in the class). □

What: U of M Bell Museum to present "The Mating Game"
When: Saturday, Feb. 13, and Sunday, Feb. 14, 6-8 p.m.
Where: Bell Museum of Natural History
Contacts: Nina Shepherd, Bell Museum, (612) 626-7254
Mike Nelson, University News Service, (612) 626-7701

**BIRDS DO IT, BEES DO IT, EVEN EDUCATED FLEAS DO IT
AT U OF M BELL MUSEUM MATING GAME TOUR**

If you're searching for love this Valentine's Day, take a tip from the birds, bees and other animals at the second annual Mating Game, a guided tour and dessert reception from 6 to 8 p.m. Saturday, Feb. 13, and Sunday, Feb. 14, at the University of Minnesota's Bell Museum of Natural History.

The lighthearted yet factual tour of the museum's habitat displays will focus on what it takes to get a "date" in the wild. Discover through sights, sounds, smell and touch how animals use dance, song and gifts to attract the opposite sex, why some suitors fight for a mate and why monogamy doesn't necessarily mean fidelity in the wild.

Cost: \$16 per person/\$30 per couple for Bell Museum members; \$20 per person/\$35 per couple for nonmembers. For reservations and more information call (612) 624-9050.

The Bell Museum is located at 10 Church St. S.E. on the university's Twin Cities/Minneapolis campus. □

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

What: Exhibit: Titanic era clothing
When: Opens Jan. 1
Where: U.S. Bank Trust Center Gallery 180, 5th and Jackson, St. Paul
Contacts: Lindsay Shen, Goldstein director, (612) 624-3292
Mary Larson, Goldstein executive secretary, (612) 624-7434
Deane Morrison, University News Service, (612) 624-2346

FASHIONS AND FURNITURE OF TITANIC ERA ON DISPLAY

An exhibition of clothing fashionable in 1912, featuring articles from the Goldstein: a Museum of Design, will be on display from Jan. 1 until Feb. 15 at the U.S. Bank Trust Center Gallery 180, 5th and Jackson streets, St. Paul. Items from the Goldstein, located at the University of Minnesota, will be displayed in a setting provided by Traditions Classic Home Furnishings. The exhibit is designed to complement "Titanic: The Exhibition" at the St. Paul Union Depot.

Exhibits include heavily embellished women's evening dresses, finely tailored day suits, tea dresses, nightwear, men's evening wear, a child's sailor suit, and accessories including shoes, hats, parasols and purses. Many of the pieces will be on public display for the first time. The Goldstein's extensive costume collections allowed the museum to provide a wide range of apparel styles from a narrow time period marked by upheaval. According to exhibit designers, women's dress in particular underwent great change in the years leading up to World War I, partially in response to women's increasing presence in the workplace and the woman suffrage movement. For example, tight corseting became rare, and skirts became narrower.

Exhibit hours are 9 a.m. to 6:30 p.m. daily. Admission: \$4 general, children under 5 free, \$1 off with Titanic ticket stub. Advance group ticket information through Media Rare at (651) 292-1105. □

News releases also on WWW at <http://www.umn.edu/urelate/news.html>

What: Ventura inauguration stop at U of M
When: 4 p.m. Tuesday, January 5
Where: Coffman Memorial Union Great Hall
Contact: Jim Thielman, University News Service,
thielman@mailbox.mail.umn.edu, (612) 624-0214

VENTURA TO MAKE INAUGURATION WEEK STOP AT UNIVERSITY OF MINNESOTA

MINNEAPOLIS / ST. PAUL -- Governor-elect Jesse Ventura will speak and answer questions from students when he makes a 90-minute visit to the University of Minnesota as part of his inauguration festivities Tuesday, January 5. Ventura is scheduled to appear at the Student Inauguration Reception at 4 p.m. in the Great Hall of Coffman Memorial Union on the Twin Cities/Minneapolis campus.

Students will have the opportunity to write questions on cards for both Ventura and Lt. Governor-elect Mae Schunk beginning at 3 p.m., when the swing band Trailer Trash begins play and the welcome table opens. Food will be available, and an expert will be on hand to offer dance lessons until the event ends at 6 p.m.

University President Mark Yudof, undergraduate student body president Nikki Kubista and Cheryl Jorgenson, president of the Graduate and Professional Student Association, will welcome Ventura to the podium around 4:15 p.m. Ventura's speech is scheduled to begin at 4:20 p.m., after which he will respond to about a half-dozen written questions from university students.

The first event to kick off Ventura's inaugural week will also involve the University of Minnesota. The governor-elect will release a bald eagle at 9 a.m. January 2. That release will occur at the Isaak Walton League's Breckenridge Chapter, 8816 West River Road, Brooklyn Park, Minn. The eagle, suffering from lead poisoning and dragging a trap from its hind toe, has been recovering at the university's Raptor Center since Nov. 4. □