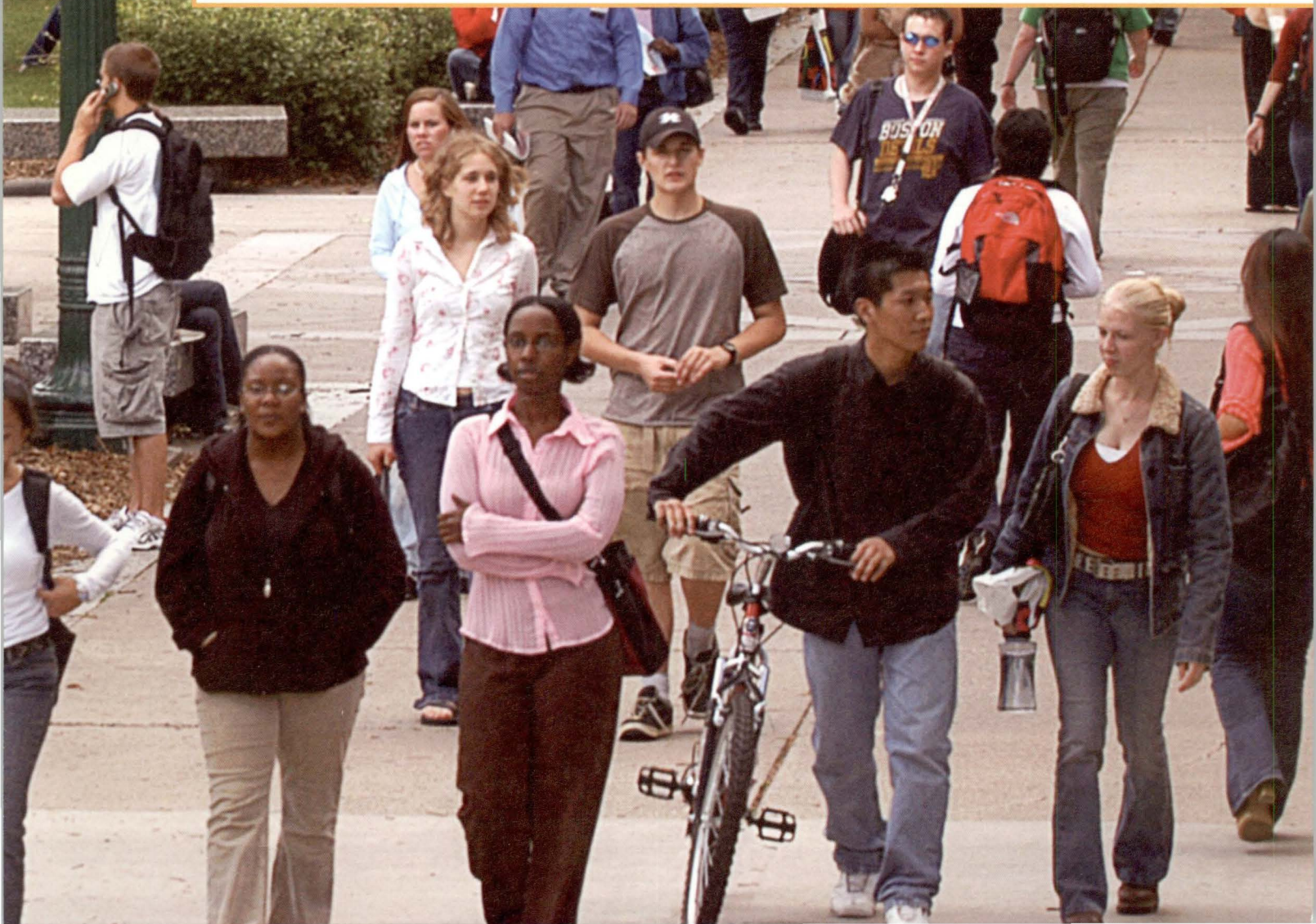




## The University of Minnesota Is on the Move

The University of Minnesota is driving toward its goal of becoming one of the top three public research universities in the world within a decade. The evidence of progress is everywhere >>







As one of the largest urban universities in the United States, the University of Minnesota, Twin Cities provides many opportunities for students, faculty and staff to participate in the thriving business, social and artistic communities of the metropolitan area.



- **Student satisfaction is at an all-time high.** The University gets great reviews from those who know best: the students who fill our lecture halls and laboratories. An overwhelming 94 percent of students rated their satisfaction level “very high” or “high” after their first year on the Twin Cities campus.
- **Applications are on the rise.** With student satisfaction levels moving steadily up, it’s no surprise that the word’s getting around. Fall 2006 on the Twin Cities campus marked the fourth-consecutive record year for freshman applications.
- **Top students are choosing the U.** The University is attracting the best and the brightest to our campuses. Of our fall 2006 class on the Twin Cities campus, 78.5 percent were in the top 25 percent of their high school class, up from 59.7 percent just 10 years ago. And average ACT scores for entering freshmen hit an all-time high in 2006 — 25.2.
- **More scholarships are creating new opportunities.** Our grant and scholarship support to undergraduate students has grown by nearly 70 percent over four years, and we now provide more than 1,000 more scholarships than we did just two years ago. We just reached the \$150 million goal of our Promise of Tomorrow fund-raising campaign — the largest in University history.
- **Donors are helping drive the momentum.** A record number of donors — 92,741, including 51,145 alumni — made gifts and pledges totaling \$180 million to the University during fiscal year 2005. That’s the largest number of individual donors in the University’s history. The Twin Cities campus now ranks fourth among all private and public universities in annual private giving — a testament to the value people see in a University of Minnesota education.

And those who evaluate colleges and universities have noticed. The University of Florida’s ranking of the “Top American Research Universities” places the University of Minnesota sixth among public research universities in 2005. Other publications and institutions consistently rank our campuses among the elite in terms of academic rigor and value for the money.



# Ten Ways the University of Minnesota Is a World Leader

no. 1

## The U of M develops technologies and treatments that save lives.

*The University of Minnesota:*

- Developed the world's first heart pacemaker.
- Performed the world's first pancreas transplant, the first intestinal transplant and more than 7,000 kidney transplants.
- Created one of the primary HIV/AIDS cocktail drugs.
- Developed the first heart drug designed specifically to treat African-Americans.
- Performed the research that established the link between diet and a healthy heart.
- Created the Minnesota Partnership for Biotechnology and Medical Genomics with the world-renowned Mayo Clinic in Rochester to lead research in biotechnology and medical genomics applications.

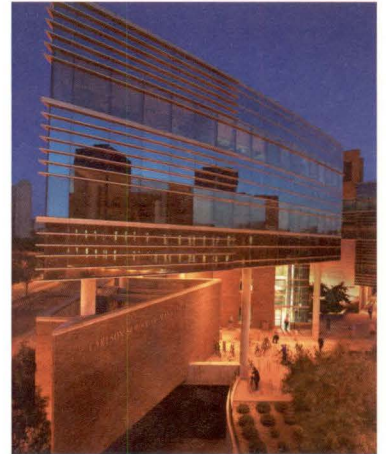


### Leading the fight against Alzheimer's

*Research under way at the University may hold the cure for Alzheimer's, the degenerative disease that experts predict will affect 14 million Americans by the year 2025. In tests on laboratory mice, Dr. Karen Ashe of the Center for Memory Research and Care has discovered a way to "switch off" the gene that causes memory loss — a promising step toward reversing the effects of brain degeneration in human Alzheimer's patients.*

### Creating value and jobs

*The University of Minnesota creates jobs and revenue. Alumni have created 19,000 companies worldwide that employ 1.1 million people and generate \$230 billion in annual revenue. In Minnesota, these graduates formed about 10,000 companies that provided jobs for 500,000 people and produced annual revenues of \$100 billion.*



no. 2

## The U of M is an engine of economic growth.

*The University of Minnesota:*

- Received 221 patents and helped establish 25 start-up companies in the past five years alone. *New Scientist* magazine ranked the University fourth in the country in 2005 for its intellectual property pipeline.
- Trains business leaders for Minnesota and the world at the Carlson School of Management. Nearly 95 percent of students have jobs within three months of graduating.
- Brings in more than \$500 million in sponsored research expenditures annually — the University conducts 98.8 percent of all sponsored, academic research in Minnesota. That creates an estimated 20,000 jobs in Minnesota's private economy.
- Generated \$3.42 of other revenues for every dollar of state support in 2004–05.

no.3

## The U of M provides diverse and global educational opportunities.

*The University of Minnesota:*

- Attracts thousands of students, scholars and researchers from more than 130 countries.
- Maintains more than 250 exchange agreements with leading colleges and universities around the globe.
- Offers a highly diverse student body — students of color make up 20.2 percent of undergraduate enrollment at our Twin Cities campus. And the University of Minnesota, Duluth is one of the leading educators of American Indian doctors in the United States.
- Provides one of the best study abroad programs in the country — the Twin Cities campus ranks seventh in the number of students who studied abroad in 2005. At our Morris campus, half of all graduates have studied abroad.



### **The #1 choice for Chinese scholars**

*The University of Minnesota Alumni Association has 21 chapters outside the United States, including six in the People's Republic of China. More than 8,000 Chinese students have graduated from the University, and today more than 1,200 students and scholars from China are on our campuses. That's more than at any other American university. The U's connection with China dates to 1914, when the first three Chinese students arrived.*

### **Crash course in safety**

*Professor James "Crash" Ryan was a legendary engineer who invented the automatic retractable seat belt — and earned his nickname through a hands-on, head-first approach to research. Wearing a Gopher football helmet for protection,*

*Ryan drove rail-mounted sleds into barriers, dropped vehicles from cranes and crashed automobiles into brick walls to simulate the impact of a car accident. His seat belt saved an estimated 195,000 lives from 1975 to 2004. Ryan also invented the "black box" flight recorder.*



no.4

## The U of M is a source of discoveries and innovation.

*The University of Minnesota:*

- Invented the oxygenator blood pump that made open-heart surgery much safer, and a mechanized heart valve that revolutionized cardiac treatment.
- Has achieved promising results with a pill to treat pathological gambling, a psychiatric condition that affects an estimated 6 million people.
- Developed "K-rations," the light, easy-to-transport meals served to generations of American soldiers.
- Is leading the research into versatile, affordable bio-based plastics that will be better for the environment.

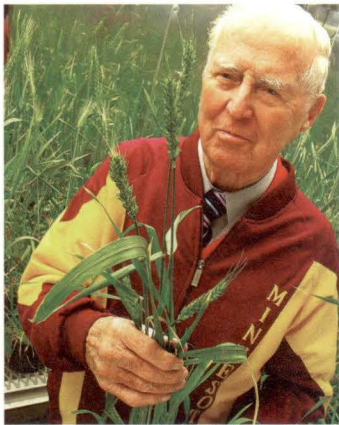


no.5

## The U of M educates leaders in every field.

*The University of Minnesota:*

- Educates Nobel Laureates such as Norman Borlaug, Walter Brattain, Melvin Calvin, Louis Ignarro, Ernest Lawrence, Edward Lewis and Daniel McFadden.
- Educates legal and political leaders such as Walter Mondale, Hubert Humphrey, Warren Burger, Tim Pawlenty, Alan Page and Wendell Anderson.
- Educates business and scientific leaders such as Dale Bachman, Earl Bakken, Jim Campbell, Curt Carlson, Seymour Cray, Robert Gore and Robert Kierlin.
- Educates artistic and cultural leaders such as Garrison Keillor, Carol Bly, Harry Reasoner, Eric Sevareid, Harrison Salisbury and Jessica Lange.
- Educates athletic leaders such as Herb Brooks, Bud Grant, Kevin McHale, Dave Winfield, Tony Dungy, Paul Molitor and Flip Saunders.



### Minnesota's green giant

*Few people have changed the world for the better like plant pathologist and U of M graduate Norman Borlaug. He's best known as the father of the "Green Revolution," which describes the dramatic increase in crop yields during the 1950s and 1960s that helped avert famine in some of the poorest parts of the world. By many estimates, Borlaug's lifelong battle against hunger has saved 1 billion lives.*

### Math matters

*In 2005 the National Science Foundation (NSF) awarded the University's Institute for Mathematics and its Applications a \$19.5 million research grant — the largest single research investment the NSF has ever made in math. The institute, which brings cutting-edge mathematical ideas to bear on real-world problems, is the top-funded math institute in the country. Among its recent successes: a new computer virus software program that's modeled on the human immune system.*



no.6

## The U of M is one of the nation's top academic universities.

*The University of Minnesota:*

- Ranks high among its peers. The Twin Cities campus is consistently ranked among the top six public research universities in the nation.
- Has the top-ranked chemical engineering department in the country.
- Ranks in the top 10 nationwide in departments such as geography, psychology, mechanical engineering and economics, according to the National Research Council.
- Offers professional programs that are consistently ranked among the elite.
- Maintains 398 endowed faculty positions that support scholars engaged in cutting-edge research.

no. 7

## The U of M is committed to providing access to qualified students.

*The University of Minnesota:*

- Created the Founders Opportunity Program, which guarantees payment of tuition and required fees for qualified low- and middle-income Minnesota students.
- Provides a host of other need and merit-based financial aid from private sources. More than 6,500 University students receive privately funded scholarships.
- Established numerous summer bridge programs in colleges across the University to introduce students to the benefits of higher education.
- Preserves access to higher education, with a commitment to recruit students from diverse backgrounds while increasing four-year graduation rates.



### A sweet accomplishment

*The Honeycrisp™ apple variety developed by University researchers was recently named one of the “25 Innovations That Changed the World” in a survey of academic and nonprofit research. Recognizing the importance of the Honeycrisp, the Minnesota Legislature in 2006 made it the official state fruit. The University’s fruit-breeding program accounts for 80 percent of the apples grown in Minnesota and are increasingly being grown around the world.*

### Culture club

*U of M students have unparalleled opportunities to be a part of the Twin Cities’ thriving arts and theater community. Every year, for example, 20 new students are accepted into the U of M/Guthrie Theater bachelor of fine arts training program, which has already helped dozens of students launch distinguished acting careers.*



no. 8

## The U of M has something for every student.

*The University of Minnesota:*

- Offers more than 370 undergraduate, graduate and professional degrees in more than 150 areas of study.
- Hosts more than 600 registered student groups on the Twin Cities campus alone.
- Encourages undergraduate students to work one-on-one with faculty on important research.
- Offers undergraduate courses and degrees online, including several through our campus in Crookston.
- Is creating a “fast-track” option to give qualified undergraduates early admission to selected graduate and professional programs.



no. 9

## The U of M is helping solve the world's big problems.

*The University of Minnesota:*

- Is leading the effort to use nanotechnology to create better electronics and to prevent, treat and cure disease.
- Is home to several of the world's most prominent ecologists who are shedding new light on global warming and other pressing environmental issues.
- Is pioneering research into how networks in the human brain work together.
- Is creating new technology to treat macular degeneration—the leading cause of blindness in people over 55.
- Invented a reactor that uses ethanol to make hydrogen for power – named one of the top technological breakthroughs of 2004 by *Scientific American* magazine.

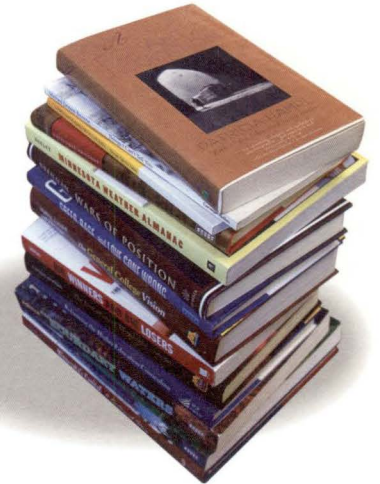


### Wind power nourishing brainpower

*In March 2005 the first large-scale wind research turbine at a U.S. public university began operating near the Morris campus. The 230-foot turbine produces 5.6 million kilowatt hours of power each year for the campus. That's equivalent to about 60 percent of the electricity consumed annually by the campus.*

### Bringing information to every citizen

*The University of Minnesota Libraries is the top-ranked research library in North America when measured by the number of books, articles and other materials it loans to libraries throughout the world. In 2004, U of M Libraries sent out more than 180,500 pieces of material. About 65 percent of those loans were to people in Minnesota — everyone from eighth graders working on science fair projects to college professors developing scholarly articles. Recent investments have made the U of M Libraries even better.*



no. 10

## The U of M improves the quality of life in Minnesota.

*The University of Minnesota:*

- Conducts agricultural, biological and forestry research at several locations throughout the state.
- Maintains 18 regional extension offices.
- Helps more than a million people annually through public-service programs — from dental, medical and veterinary clinics to K-12 educational outreach.
- Educates two-thirds of Minnesota's physicians, dentists, pharmacists and veterinarians.
- Enriches the community through associations like the one with the Penumbra Theatre Company, the nation's preeminent African American theater.



# Local Impact. Global Reach.

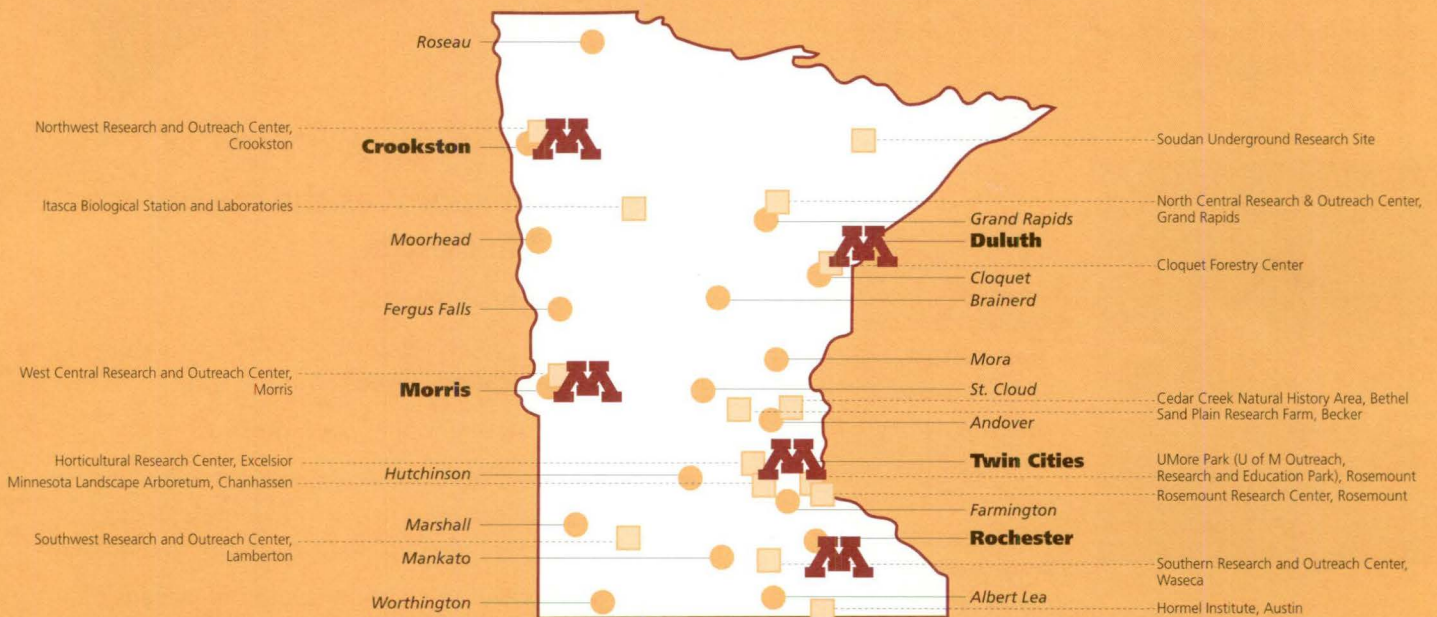
The University of Minnesota is one of most comprehensive public universities in the world and ranks among the most prestigious. A land-grant university founded on the banks of the Mississippi River in 1851, it has grown from a single campus in the heart of a thriving and culturally diverse metropolitan area to a statewide system of national prominence.

The University's impact is global — from designing solar-powered lights for remote Nicaraguan villages to developing high-yielding wheat strains that have saved an estimated 1 billion lives worldwide.

And its presence is felt throughout Minnesota. The internationally renowned Cedar Creek History Area in Bethel is considered the birthplace of modern ecology. The Hormel Institute in Austin is home to cutting-edge cancer research by world-class researchers. Duluth to Morris, Crookston to Rochester, the University is working to shape the future and improve lives.

To ensure this legacy continues for generations to come, the University has embarked on an aggressive course to become one of the top three public research universities in the world within a decade.

"Transforming the U" is one of the most comprehensive and far-reaching initiatives in the University's 155-year history. The buzz on campus? This great University is on its way to becoming even greater.



 **Campuses**
 **Regional extension offices**
 **Research and outreach centers and other important U locations**

UNIVERSITY OF MINNESOTA  
**Driven to Discover™**

Office of University Relations  
 3 Morrill Hall  
 100 Church Street S.E.  
 Minneapolis, MN 55455

Tel: 612-624-6868  
 Fax: 612-624-6369  
 urelate@umn.edu