



# UNIVERSITY OF MINNESOTA

*Be part of something great—the University of Minnesota*

## PRE-MED AND PRE-DENTISTRY

*Do you enjoy meeting new people every day? Do you thrive when working on a team? Do you have a caring, nurturing spirit? Are you a strong, confident decision-maker? If so, then you may want to prepare for a career in medicine or dentistry. With a growing and aging population, our world needs compassionate doctors, dentists, and other professionals to provide high-quality and sensitive health care.*

*You can prepare for your future at one of the nation's top research universities. The University of Minnesota's world-renowned programs offer great academics, great opportunities, and a great location to students interested in medicine or dentistry.*

### Great Academics

The University of Minnesota is a world-class institution where you can build a foundation for your medical or dental career in a vibrant and exciting environment. Although admission to medical or dental school requires undergraduate coursework (see below), a particular major is not required. Successful students major in a subject they find interesting, challenging, and fulfilling (we have 147). Explore your options in each of our seven freshman-admitting colleges:

- Carlson School of Management (CSOM)
- College of Food, Agricultural and Natural Resource Sciences (CFANS)
- College of Design (CDEs)
- College of Biological Sciences (CBS)
- College of Education and Human Development (CEHD)
- College of Liberal Arts (CLA)
- Institute of Technology (IT)

### MANY PATHS, ONE GOAL

As you work toward a medical or dental career, your education at the University of Minnesota will play an important role in your future.

**Dental Hygiene (B.S.)** The U of M's dental hygiene program is one of the most outstanding programs in the country. To complete the program, you take one year of prerequisite courses and three years of professional courses. You will graduate with a wide variety of clinical experiences.

**Dentistry (D.D.S.)** The U of M School of Dentistry is renowned for the quality of its educational, clinical, research, and service programs. Admission to the four-year D.D.S. program requires three years of undergraduate education.

**Medicine (M.D.)** The U of M Medical School is in the top tier of U.S. schools of medicine, with a stellar national and international reputation. You must complete a bachelor's degree before you can enter the Medical School.

U of M students who have done well in their first two years of premed studies can be considered for the highly selective pre-med Scholars Program. Guided by Medical School faculty mentors, pre-med scholars participate in specially designed workshops, seminars, research, and shadowing programs. Participants also receive conditional acceptance (as undergraduates) to the University of Minnesota Medical School.



PHOTO BY PATRICK O'LEARY

## THE U OF M ADVANTAGE

- Your first step in planning a career in medicine or dentistry should be the U of M Health Careers Center. Our advisers will help you optimize your chances of being admitted to medical or dental school by explaining the requirements, assisting with applications, and helping you prepare for admission tests.
- There are thousands of part-time jobs and internships on campus—some of them in the Medical School and School of Dentistry. You won't be performing brain surgery, but you will be getting to know the staff, students, faculty, and services in the medical and dental programs.
- The School of Dentistry pioneered Patient Care Groups, an innovative learning experience that integrates clinical, management and interpersonal skills with patient care. Supported by a faculty adviser, teams of 8-10 dental and dental hygiene students enhance classroom and clinical experience through case-based learning. Students share patient experiences, confer on difficult cases, solve clinical problems, collaborate on ethical issues, and fine-tune patient management, decision-making and communication skills.
- Through the Dental Hygiene Career Guidance Program you can attend a series of workshops and access career resources to help you identify career goals, manage the career development process, and improve job and career satisfaction.
- More U of M Medical School graduates (65 percent) go into primary care than at any other medical school in the United States.
- The Medical School is one of only two programs in the nation that rank in the top 20 for both education (in number of graduates selecting primary care) *and* research (in federal research dollars).

## A TRADITION OF EXCELLENCE

- The heart-lung machine was invented and used in the world's first successful open-heart surgery at the U of M.
- At least 25,000 people around the world wear implantable and refillable drug pumps because of a U of M Institute of Technology engineering team.
- In 1969, University Hospitals created the nation's first air-ambulance service with a specially equipped helicopter. The service's first patient was a one-pound, six-ounce premature baby, who was flown to the University Hospital from Karlstad, Minnesota.

## Great Opportunities

### *Study Abroad*

To prepare you for life in a global society, the U of M actively encourages studying abroad. Working or learning in a foreign country will build your skills, confidence, and cultural awareness as you enter a diverse working world. Imagine studying community health in the Caribbean or Shamanism in South America. The Learning Abroad Center offers more than 300 programs in 67 countries, from Nepal or Tanzania to Australia or Mexico.

### *Freshman Seminars*

Designed to enhance your first-year experience, Freshman Seminars are an incredible introduction to the University of Minnesota's academic community. You'll learn from some of our most distinguished faculty while getting to know other first-year students who share your interests. Recent topics include *From Ebola to SARS: Human Behavior and the Emergence of New and Deadly Human Viruses*; *Social Justice, Global Economies, and Health*; and *Biochemistry in the News*.

## COMMUNITY OUTREACH

*University of Minnesota dental students are traveling around Minnesota to provide service to underserved people, not from dental office to dental office, but in the UCare Tooth Care mobile dental unit. The 37-foot Winnebago trailer is equipped with three dental chairs, a lab, and the latest dental equipment.*

*School of Dentistry students treat patients in the vehicle with the supervision of faculty. They provide mainly preventive care, as well as restorative services to patients. They visit as many as eight sites in rural Minnesota to provide service to members of UCare, an independent HMO. Accessing dental care has been especially frustrating for some populations, Nancy Feldman, UCare Minnesota's president and CEO said, so UCare purchased the mobile dental unit to bring dental services to them. Since the dental vehicle's introduction in 2002, more than 1,500 people have received care inside it.*

*"Community outreach is central to the school's educational and service mission," the former Dean Peter Polverini said. "Students enhance their clinical skills by treating a greater variety of patients and patient pathologies, and they are responsible for total patient care."*



### *Mentor Program*

Mentor programs at the University give you the opportunity to explore career options, meet experienced professionals, and gain helpful information for making academic and career decisions. You are matched with a volunteer mentor who is a friend or alumnus of the University. After orientation and training, you and your mentor meet regularly during the academic year and participate in various activities sponsored by the University and your college's mentor program.



### *Research Opportunities*

Imagine participating in a research program with world-class experts, and getting paid to do it! As a student in the Undergraduate Research Opportunities Program (UROP) you'll conduct paid research or pursue special projects beyond your regular courses. Through UROP, you can build a valuable educational partnership with a professor and stand out from other applicants to medical or dental school.

### *Campus Involvement*

Even in the midst of an electric Big Ten atmosphere, the University of Minnesota has an intimate student community. It's easy to get involved here; we have more than 600 student organizations where you can connect with other students who share your interests. Organizations such as Alpha Epsilon Delta National Honor Society, a leadership group for premed students, offer social and educational opportunities for premed and pre-dental students. Other groups include:

- American Medical Student Association, Premed Minneapolis Chapter
- People's Institute for Cleaner Teeth
- Pre-Dental Club at the University of Minnesota
- Sexual Health Awareness and Disease Education (SHADE)
- Student International Health Committee
- Wilderness Medicine Student Interest Group

## Great Location

The University is located in the heart of "medical alley," the largest concentration of medical providers and medical equipment manufacturers in the United States. The U of M's location grants you access to internships and careers with a variety of organizations, such as 3M, Medtronic, St. Jude, Fairview Hospitals, and many more. Given the abundance of excellent care providers, it's no surprise that Minnesota is ranked the healthiest state in the nation.

### **MEET US IN PERSON!**

Like what you see so far? Come meet us in person! There's no better way to learn about the University of Minnesota. As you tour our breathtaking Twin Cities campus and meet our friendly staff and students, you'll see for yourself why the U of M is the perfect place to launch your career in medicine or dentistry. We'd be happy to customize your visit to your interests. So schedule your visit today!

Online: <http://admissions.tc.umn.edu/visit>  
By phone: 800-752-1000 or 612-625-0000

Curious about student life? Check out Gopher Blog at <http://admissions.tc.umn.edu/blog>

#### **Freshman Admission Welcome Center**

200 Jones Hall  
27 Pleasant Street S.E.

#### **Transfer and International Admissions Welcome Center**

240 Williamson Hall  
231 Pillsbury Drive S.E.

#### **CONTACT US TO LEARN MORE!**

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