Delivering On Our Promise to Minnesota

Minnesotans benefit from UMN's breadth and depth of expertise across our health sciences schools and programs.

Together, we:

- Discover new and better treatments and cures
- Deliver a robust educational experience for future health care professionals
- Provide state-of-the-art patient care
Our service extends across the entire state

UMN Health in Your Community

Caring for underserved communities

Community-partnered research, teaching, and engagement

Partnerships with health care providers across the state
Improving Health Access Across Minnesota

Our health sciences schools partner with communities across the state to advance the health and wellbeing of all Minnesotans.

Examples include:

- **Rural Physician Associate Program**
  - Oldest program of its kind
  - Goal: Increase the number of primary care physicians in rural Minnesota

- **Mobile Dental Clinic**
  - Brings care to people in places where dentistry is scarce
  - Serves 1,000+ Minnesotans a year

- **Metropolitan Physician Associate Program**
  - Medical students learn how to effectively address the needs of underserved patients in urban communities
Advancing Interprofessional Health Care

Collaborations among health professionals lead to improved patient outcomes. Unfortunately, current funding models don’t adequately support interprofessional health care.

Our examples of interprofessional care include:

**Student-Run Free Clinics**
- Students from multiple health professions care for underserved populations

**Community-University Health Care Center**
- State’s first and oldest community health center
- Serves the medical/dental/mental health care and social service needs for nearly 10,000 patients/year

**Mobile Health Initiative**
- Addresses health disparities and implements innovative models of health care
- Seen thousands of people throughout the state since 2020
Partnerships to Transform Health Care Delivery

Our partnerships across the entire state drive innovation in care, research, education and training
School of Dentistry

600
STUDENTS IN
AY 2023-24

187
GRADUATES IN
AY 2022-23

68%
MINNESOTA
RESIDENTS

43%
EMPLOYED IN
MINNESOTA

Degree Programs
DDS
BSDH
DT
MS
PhD
School of Dentistry

- The School of Dentistry affiliates with 16 clinical sites within MN.
- The Mobile Dental Clinic serves patients at 14 unique sites across the state.
- In 2022 our Outreach program served 16,040 patients
- Dental, Dental Hygiene, and Dental Therapy students rotate to these clinics for a minimum of 6-8 weeks
School of Dentistry

Notable Areas of Research

1. Behavioral, Public Health and Educational Research
2. Biomaterials, Biomechanics and Technology
3. Oral Microbiology, Virology, Immunology and Cancer
4. Systems Biology of the Orofacial Complex
5. Clinical and Translational Research
Medical School

- **961** students in AY 2023-24
- **81%** Minnesota residents
- **221** graduates in AY 2022-23
- **45%** employed in Minnesota
- **374** trainees at UMMC in AY 2023-24
- **789** residents in AY 2023-24

Degree Programs
- MD
- DPT
- MD/PhD
- MD/MPH
- MD/MS
- JD/MD
- MD/MBA
- MD/MHI
Medical School

PATIENT CARE

1.2M+ PATIENT VISITS FROM EVERY COUNTY IN MN

M PHYSICIANS PRACTICE AT

40+ LOCATIONS ACROSS THE STATE

1:5 of MINNESOTA’S TOP DOCTORS ARE M PHYSICIANS

RESEARCH

$357M SPONSORED RESEARCH IN 2022

2,830 PUBLICATIONS IN 2022

#8 NIH FUNDED PUBLIC MEDICAL SCHOOLS

#21 NIH FUNDED MEDICAL SCHOOLS
Medical School

UNDERGRADUATE MEDICAL EDUCATION

YEAR 1 + 2

YEAR 3 + 4
Medical School

GRADUATE MEDICAL EDUCATION

RESIDENCIES AND FELLOWSHIPS BY SPECIALTY
TRAINING LOCATION (JULY 1, 2022 - JUNE 30, 2023)

ALL MN SPONSORED ACCREDITED PROGRAMS*

*MAYO PROGRAMS NOT INCLUDED
Medical School

MAJOR FUNDING SOURCES

- Gifts: 2.5%
- Indirect Cost Recovery: 4.0%
- Other Revenue: 3.0%
- Tuition and Fees: 3.7%
- Affiliate Hospitals: 8.4%
- Govt and Parent: 6.6%
- Grants and Contracts: 18.8%

UMP Practice Revenue: 52.7%

FY 2022

Notable Areas of Research

1. Neuroscience/Neurology
2. Cardiovascular Care and ECMO
3. Cancer and Aging
4. Primary Care
School of Nursing

1,132
STUDENTS IN AY 2023-24

76%
MINNESOTA RESIDENTS

312
GRADUATES IN AY 2022-23

129
TRAINEEs AT UMMC IN AY 2023-24

Degree Programs
- BSN
- MN
- DNP
- PhD
The State of Minnesota’s Nursing School

- The state’s only PhD program and the largest source of nursing faculty in Minnesota
- 2nd largest full-time DNP program in the nation (Ranked #6 by US News)
- 116 BSN students on the Rochester campus and a vibrant relationship with UMR on nursing/healthcare issues (BSN Program ranked #16)
- Nursing Pathway partnerships with Crookston, Duluth and Morris
- 2nd to Extension on the U’s Public Engagement Footprint map
- Doctoral pathway for American Indian/Alaska Native (AI/AN) students resulted in 14 new AI/AN students this fall, largest cohort in nation
- Home to the Center for Nursing Equity and Excellence, which is now the state’s nursing workforce center and official voice nationally joining 41 states.
School of Nursing

**Academic Health Impact**
Academic-Practice Partnerships - 3 Legs of Mission
(Collaboratories)

- **2015** - First School of Nursing Collaboratory formed with M Health Fairview
  - 2017 Academic-Practice Partnership Award from American Association of Colleges of Nursing (AACN) and American Organization of Nursing Leaders (AONL)

- **Current Collaboratories:**
  - Allina Health
  - Children's Minnesota
  - Essentia Health
  - Faith Community Nurse Network
  - Minneapolis Veterans Affairs Health Care System
  - M Health Fairview
  - Mayo Clinic
  - Minnesota Hospital Association
  - PrairieCare
School of Nursing

Notable Areas of Research

1. Health Promotion Among Vulnerable Populations
2. Prevention and Management of Chronic Health Conditions
3. Symptom Management
4. Health/Nursing Informatics and Systems Innovation

MAJOR FUNDING SOURCES

- Tuition and Fees: 51.5%
- Sponsored Research: 16.2%
- Indirect Cost Recovery: 4.0%
- Gifts: 3.1%
- State Appropriation: 1.2%

FY 2022
College of Pharmacy

774
STUDENTS IN AY 2023-24

68%
MINNESOTA RESIDENTS

262
GRADUATES IN 2022

64%
EMPLOYED IN MINNESOTA

37
TRAINEES AT UMMC IN AY 2023-24

24
RESIDENTS IN AY 2023-24

Degree Programs
PharmD
MS
MLS
PhD
OTD
BS
Certificate
College of Pharmacy

Partnerships Throughout the State

Medical Laboratory Sciences, Occupational Therapy and Pharmacy programs have robust partnerships throughout the state:

- clinical
- community
- research

>350 clinical sites/partners
~600 students
66 community partnerships
Diversity of College of Pharmacy Partnerships

- Working together to:
  - Improve access to and quality of care
  - Address health disparities
  - Address workforce needs by educating the next generation of practitioners
  - Engage in research that spans patient access and experience, to improve systems of care, understand workforce trends and advance public health

- Examples of partnerships:
  - Pharmacy faculty provide clinical services at seven different clinics, health systems and practice sites across state
  - Federally Qualified Health Center Urban Health Network (FUHN)
  - Wilderness Health
  - Center for Alcohol and Drug Treatment
  - >350 clinical sites (health systems, clinics and community pharmacies)
College of Pharmacy

Notable Areas of Research

1. Substance Use Disorders
2. Neuroscience
3. Cancer
4. Pharmacogenomics
5. Clinical and Translational Research
6. Progression of a Therapy from Conception to Clinic
7. Solutions to Major Global Problems
8. Policy and Initiatives in Pharmaceutical Technology, Precision Medicine, Community Engagement, Health Economics, and the Scholarship of Teaching and Learning

MAJOR FUNDING SOURCES

- Tuition: 35.3%
- Grants, Contracts: 23.3%
- Endowment Return: 15.4%
- State Budget: 11.6%
- Overhead Return: 8.6%
- Sales and Services: 3.5%
- Net Transfers: 1.3%
School of Public Health

1,014
STUDENTS IN AY 2023-24

51%
MINNESOTA RESIDENTS

368
GRADUATES IN 2022

74%
EMPLOYED IN MINNESOTA

Degree Programs
- MPH
- MS
- MHA
- Dual Degrees
- Certificates
- Minors
School of Public Health: MN Clinical Impact

The School of Public Health (SPH) is a critical component of Minnesota’s healthcare environment through:

- Training MN’s healthcare leaders
- Embedding equity in clinical settings
- Advancing “upstream” discoveries & innovation
- Engaging communities & policymakers
Example: The SPH Center for Antiracism Research for Health Equity and partners developed and launched new clinician training on bias-free and equitable perinatal care to meet the requirements of the Dignity in Pregnancy and Childbirth Act (MN § 144.1461).

SPH experts partner closely with MN healthcare orgs and are continuously tapped for their expertise by the media and state and federal policymakers.

Major themes:
- Rural healthcare access
- Healthcare organization, management, and finances
- Long term care
- Maternal and child health

$1.1M Avg. funding level per faculty. Much of the school’s research is focused on healthcare delivery and improving patient outcomes.

200+ MN healthcare orgs employ MHA alumni

34% MHA alumni work in MN (35% of Executive MHA students are physicians)

#2 Master of Healthcare Administration (MHA) program in the U.S.

Top MHA alumni employers in MN:
1. MHealth Fairview
2. HealthPartners
3. Allina Health
4. Mayo Clinic
5. United HealthGroup
6. Hennepin Healthcare
7. CentraCare
8. Essentia Health
9. Medtronic
10. North Memorial Health
11. Veterans Administration
12. Children's Minnesota
School of Public Health

MAJOR FUNDING SOURCES

FY 2022

- Research Grants & Contracts 76.3%
- State, UMN Allocation 4.3%
- Other Income 5.3%
- Tuition & Fees 13.4%

Notable Areas of Research

1. Healthcare Delivery and Improving Patient Outcomes
2. Rural Health
3. Healthcare Organization, Management, and Finances
4. Aging
5. Maternal and Child Health
6. Chronic Diseases
7. Food and Nutrition
8. Environmental Health
9. Genomics
10. Health Equity
11. Infectious Disease
12. Injury
13. Mental Health
College of Veterinary Medicine

586 students in AY 2023-24

51% Minnesota residents

119 graduates in AY 2022-23

52% employed in Minnesota

53 interns and residents onsite in AY 2023-24

593 externships in AY 2022-23

Degree Programs
DVM
PhD
MS
Post-Baccalaureate Certificate

*of those who had accepted employment vs. going on to advanced training
College of Veterinary Medicine

- Operates 3 hospitals
- 34,000 patient visits last year
- One of the largest academic veterinary medicine programs in the country
- College is ranked #3 in the U.S. for research, #7 for overall program
- Graduating ~100 DVMs annually, Expanding to 125 in 2025.
- Students participate in externships - over 300 placements last year in MN
College of Veterinary Medicine

- Comparative medicine is vital to a One Health approach to medicine
  - Oncology, Cardiology, Prion diseases, etc.
  - University of Minnesota has a unique opportunity to lead
- Pet ownership provides health benefits
  - Mental health, blood pressure, cholesterol
Notable Areas of Research

1. Clinical and Translational Research in a Range of Medical Specialties Using Animal Models to Understand both Veterinary and Human Diseases
2. Chronic Disease Biology
3. Genomics and Computational Biology
4. Host-Pathogen Interface
5. Microbiomes and Antimicrobial Resistance
6. Pathogen Discovery and Surveillance
7. Ecosystem Health
8. Food Animal Health and Production
9. Food Safety and Security
University of Minnesota
Driven to Discover®
Crookston  Duluth  Morris  Rochester  Twin Cities

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