



# UNIVERSITY OF NORTH DAKOTA **SCHOOL OF MEDICINE & HEALTH SCIENCES**

Founded in 1905, UND's School of Medicine & Health Sciences is the only M.D.-granting institution in the northern U.S. between Minnesota and Washington state.

## **ATHLETIC TRAINING**

Our Department of Sports Medicine offers one of the region's only CAATE-approved Master of Athletic Training (M.A.T.) degrees. UND's athletic training program was the first in the nation to be attached to an accredited medical school and allows students a chance to work with NCAA Division I student athletes. Our department's clinical excellence is a result of practicing faculty members and a pioneering organizational structure that was literally decades ahead of its peers.

- Degree offered: Master of Athletic Training (M.A.T.)

## **BIOMEDICAL SCIENCES**

Our biomedical researchers not only publish their research in leading journals each year but apply for and are awarded tens of millions of dollars in grants from agencies such as the National Institutes of Health and National Science Foundation. Focusing on cancer, infectious disease, aging, and neurodegenerative diseases such as Alzheimer's and multiple sclerosis, our research team has been awarded nearly \$350 million in external funding since 2013 for research and other projects.

- Degrees offered: Master of Science (M.S.) and doctoral degree (Ph.D.) in Biomedical Sciences and Clinical & Translational Science

## **DOCTOR OF MEDICINE**

All students in our 4-year M.D. program spend their first 20 months in Grand Forks. They learn through lectures, labs, patient simulations, and in patient-centered learning groups, where basic and clinical sciences are taught in the context of patient cases. Students then spend two+ years in clinical training in Bismarck, Fargo, Grand Forks, Minot, or a rural community in the region. Focusing on rural health and primary care, our medical curriculum produces exceptional physicians who match into top residencies around the U.S.

- Degree granted: Medical Doctor (M.D.)

MEDICAL LABORATORY SCIENCE

Our Medical Laboratory Science (M.L.S.) program provides students with a workforce-ready Bachelor of Science degree in M.L.S. Other options include a post-baccalaureate certificate, categorical certificate, Master of Science degree in M.L.S., and histotechnician certification. We partner with over 60 clinical training sites in 10 states for hands-on training in the field.

- Degrees offered: Bachelor of Science in M.L.S.; Master of Science in M.L.S.; various professional certificates

OCCUPATIONAL THERAPY

Occupational therapy is a science-driven, evidence-based profession that enables people of all ages to participate in daily living or live better with injury, illness, or disability. Our O.T. program includes a 3-year pre-O.T. program and a 3-year professional program resulting in an occupational therapy doctorate (O.T.D.). First accredited in 1956, UND's Department of Occupational Therapy maintains two campus locations – Grand Forks, N.D., and Casper, Wyo.

- Degree granted: Occupational Therapy Doctorate (O.T.D.)

PHYSICAL THERAPY

Having produced more than 2,000 physical therapists since 1967, our Department of Physical Therapy trains the professionals who help patients of all backgrounds recover from physical trauma of all types, from illness and athletic injury to surgery. Boasting an average first-time pass rate of over 95% for grads taking the national P.T. exam, our program partners with over 250 clinical sites, the majority of which lie outside the greater Grand Forks area.

- Degree granted: Doctor of Physical Therapy (D.P.T.)

PHYSICIAN ASSISTANT STUDIES

Our 2-year Master of Physician Assistant Studies degree program provides students an avenue to becoming a Certified Physician Assistant (PA-C). The only P.A. program in North Dakota, our team has held continuous accreditation since 1974 and offers a unique hybrid of synchronous and asynchronous online coursework combined with alternating classroom and clinical experiences.

- Degree granted: Master of Physician Assistant Studies (M.P.A.S.)

PUBLIC AND INDIGENOUS HEALTH

Our Public Health program offers 3 specializations - Indigenous Health, Health Management & Policy, and Population Health Research & Analytics. The program is designed to prepare students to respond to the growing demand for public health professionals who can promote health and wellness through population-based approaches. And our world-first medical college-based Department of Indigenous Health offers one of America's only doctoral programs in Indigenous Health.

- Degrees granted: Master of Public Health (M.P.H.) and doctoral degree in Indigenous Health (Ph.D.)

Interprofessional Hands-on Training

MEDICAL SIMULATION

The largest Simulation Center in North Dakota features six full-size hospital rooms, 16 clinic rooms, multiple high-tech manikins and computer technology, and live patient actors to help health providers practice their art. Featuring both hospital and clinical wings, our innovative facility stages scenarios for interdisciplinary healthcare teams to improve patient care across the health system.

INTERDISCIPLINARY HEALTHCARE COURSES

Interprofessional learning activities, including an interprofessional health care course and simulation activities with the MD, PT, OT, PA, Social Work, Nursing, and Speech Pathology teams, provide students with a strong practical understanding of the various healthcare professionals and how they function in teams to improve hospital outcomes.

12,000+	1,500+	300+	\$32 million+
UND School of Medicine & Health Sciences Alumni	Health Program Students	M.D. Students	Grant dollars for research in 2024
PERCENTAGES OF PHYSICIANS PRACTICING IN NORTH DAKOTA WHO GRADUATED FROM THE UND SMHS AND/OR COMPLETED AN IN-STATE RESIDENCY			
	2019	2021	2023
All Specialties	46%	50%	49%
Family Medicine	74%	78%	79%
Internal Medicine	41%	44%	40%
Obstetrics and Gynecology	66%	69%	69%
Pediatrics	41%	45%	42%
Psychiatry	41%	48%	48%
Source: AMA Master File, 2023. [Data file]. Wood Dale, Ill. Medical Marketing Service			

LEARN MORE School of Medicine & Health Sciences  
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