

Dr. Maridee Shogren Dean of the College of Nursing and Professional Disciplines

COLLEGE OF NURSING & PROFESSIONAL DISCIPLINES



Workforce Preparedness Through Simulation

Educating an Interdisciplinary Workforce Team

UND is Unique!

Medicine, Nursing, Physical Therapy, Occupational Therapy, Social Work, Nutrition & Dietetics, Medical Lab Sciences, Physician Assistants, Nurse Practitioners, Nurse Anesthetists

North Dakota's First Simulated Hospital

- Best practices support team training through collaboration, innovation, critical thinking, & leadership
- Simulation in healthcare programs can lessen burden of tight clinical placements, preceptor overload and burn out











Workforce Preparedness Through Simulation

Benefits of Simulation

- Realistic Practice- Real-world medical settings, practice without risk to patients
- Improved Skill Development- Clinical and soft (communication) skills
- Error Reduction- Learning from mistakes in safe spaces leads to reduced errors in real care
- Better Preparedness for Emergencies- Practice high-stress situations
- Interdisciplinary Teamwork- Train together to improve collaboration
- Bridging the Experience Gap- Gain confidence, Gain competence







Rural Workforce Preparedness

Simulation Education Directly Responds To Needs Identified By Our Rural Partners

UND called to develop a graduate workforce ready to practice in rural critical access hospitals

- Emergency Training Program
 - High stress emergency situations requiring stabilization and transfer Dilemmas when caring for neighbors and friends

 - Read, Listen, Experience
- Start at Home and then Hit the Road!

 - Education starts in Simulated Hospital & expands to practice though SIM-ND Integrates opportunities for students and healthcare professionals across the state







New Research Collaborations

Research Informs Innovative Education And Provides Evidence For Continued Growth

Leading Innovations in Simulation Research

- Rare opportunity to study teams with as many disciplines as UND
- Opportunities for academic, clinical & organizational partners to collaborate through research to improve health outcomes

North Dakota Nursing Research Collaborative

- UND, NDSU, U of Mary, LRSC, Minot
- Economic Diversification Research Fund Award (2024): ND Nursing Retention Study
 - UND, LRSC, NDSU: \$50,000









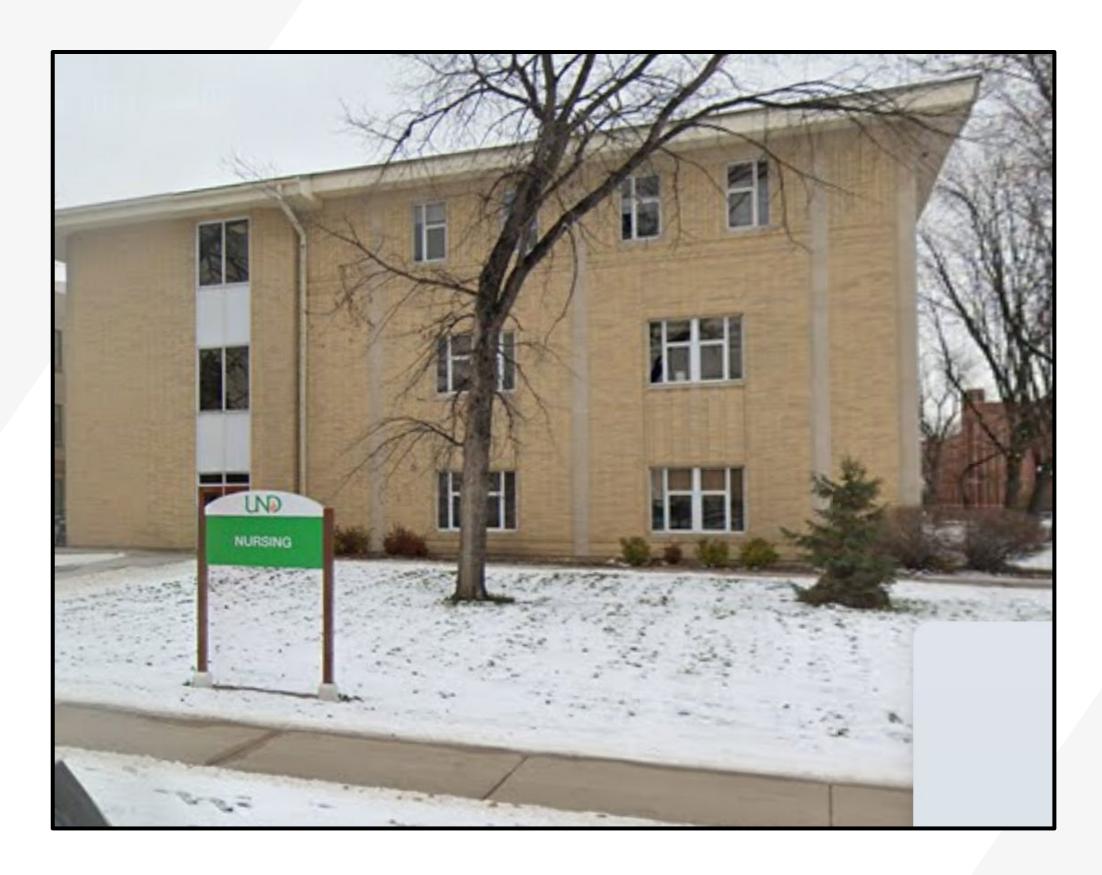
New Building...New Opportunities

Nursing Building Built In 1976

Estimated Costs

- Replacement cost of \$27M+
- Deferred capital renewal cost of \$12.5M+
 - In 2023, the Facility Condition Needs Index (0.45) indicated the need for immediate Major Renovation or Total Renovation by 2030











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NURSING • NUTRITION & DIETETICS • SOCIAL WORK

