

School of Pharmacy

Department Information

- www.ndsu.edu/pharmacy

Undergraduate Programs of Study

- Non-Degree Pre Pharmacy
 - Courses needed to apply to Pharm.D. program

Professional Programs of Study

- Pharmacy

Graduate Programs of Study

- Pharmaceutical Science

Degrees Offered

- Doctor of Pharmacy (Pharm.D.)
- Doctor of Philosophy (Ph.D.)

The professional pharmacy program is a joint effort of the Department of Pharmacy Practice and the Department of Pharmaceutical Sciences under the School of Pharmacy within the College of Health Professions.

Pharmacy Practice

The Department of Pharmacy Practice strives to provide students with the knowledge, skills, abilities, and attitudes necessary to become capable pharmacy practitioners able to deliver high-quality patient-centered care upon entering the profession regardless of the practice environment. The Department provides teaching, service, and research/scholarship that promote population and vital communities in North Dakota and advance postgraduate education through affiliated pharmacy residency programs. Pharmacy Practice faculty provide patient-centered care for patients and precept pharmacy students in a variety of pharmacy settings. The Department provides educational support for pharmacy students, licensed pharmacy professionals, and pharmacy technicians. The Department also coordinates scholarly and service activities to promote better health care in North Dakota, help address gaps in health care, and meet evolving health-related needs through development of skills, knowledge, research, and innovation in pharmacy-related practices and services.

Vision

The vision of the Department of Pharmacy Practice is to be a national leader in pharmacy education and care through a high-quality outcome-driven pharmacy curriculum, effective and novel instructional strategies, innovative practice models, high quality research/scholarly activities, as well as state and national services that efficiently, effectively, ethically, and continuously meet the changing needs of populations in the United States.

Mission

The mission of the Department of Pharmacy Practice is to educate students and practitioners, advance research/scholarship, deliver quality evidence-based patient-centered care, and provide service to the profession.

We will accomplish this by:

- Developing students and graduates who are recognized as competent health care professionals.
- Providing a relevant, practical, integrated, and outcome-driven curriculum.
- Promoting interprofessional health care within the state.
- Providing quality and diversified introductory and advanced pharmacy practice experiences.
- Securing financial, physical, and human resources to engage in effective teaching, research/scholarship, practice, and service.
- Providing an organizational environment that fosters recruitment, retention, engagement, and promotion of faculty and staff.
- Promoting collaboration within the Department as well as among the College, University and external organizations.
- Providing community-based outreach to promote healthy populations and vital communities in North Dakota.
- Providing training to support the development of practitioners that reflects the changing landscape of health care and pharmacy profession
- Supporting the role of the pharmacist in rural and public health.

- Supporting post-graduate pharmacy education including pharmacy residency programs and the dual degree Doctor of Pharmacy (Pharm.D.) and Master of Public Health (MPH) program.

Pharmaceutical Sciences

Our outstanding pharmaceutical sciences department faculty members are committed to delivery of excellent pharmaceutical science education and training and actively participate in interdisciplinary research enterprise. The Department's mission is to support, educate, and train undergraduate and graduate students to become highly skilled and caring healthcare professionals and create new knowledge through excellence in pharmaceutical research.

Vision

The Department of Pharmaceutical Sciences will be a recognized leader in pharmaceutical sciences by achieving excellence in research, teaching and service through innovation, collaboration and professionalism.

Indicators that we are moving toward our Vision:

- Ranking among the top 20 Pharmaceutical Sciences research and graduate programs in the U.S. based on the number and quality of graduate students and faculty, extramural funding, publications and infrastructure.
- Number and quality of publications in peer-reviewed journals.
- Research, teaching and service awards.
- The number of new collaborative projects advancing our mission.
- Business alliances with biopharmaceutical industries.

Mission

The mission of the Department of Pharmaceutical Sciences is to educate and train future pharmacists and scientists and to advance pharmaceutical research that improves human health.

We will accomplish this by:

- Improving the quality of teaching and mentoring professional and graduate students.
- Conducting high-quality research in prevention, diagnosis and treatment of diseases and disseminating the results in leading scientific journals and conferences.
- Providing professional service to the College, University, and the scientific community.
- Establishing internal and external partnerships, collaborations and strategic alliances to advance our mission.