

School of Pharmacy

Department Information

- www.ndsu.edu/pharmacy (<http://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.)

School of Pharmacy

The NDSU School of Pharmacy housed in the College of Health Professions offers pathways of opportunity in pharmacy for you to pursue careers that can lead to an array of options for success.

As a pharmacist, you work with patients and other health care providers to promote health and prevent diseases. Pharmacists assess, monitor, initiate and modify patients' medication therapy to achieve optimal therapeutic outcomes.

Programs help you chart your future career

The professional pharmacy (PharmD) program is provided through a combined effort between the Department of Pharmacy Practice and the Department of Pharmaceutical Sciences.

Pharmacy Practice focuses on the clinical application of pharmacy and patient-focused care. Pharmaceutical Sciences focuses on providing you with a basic science foundation for learning.

Mission

The School of Pharmacy educates the next generation of highly competent, caring, and ethical pharmacists and scientists through a high quality contemporary curriculum emphasizing innovative interprofessional education and research/scholarship which serves the needs of North Dakota, region, nation, and world.

We will accomplish this by:

- Fostering a culture that values competency, caring, ethics, inclusivity, and professionalism.
- Delivering an effective curriculum that prepares students to work in diverse settings and interprofessional teams.
- Collaborating with key partners and stakeholders to enhance teaching, research/scholarship, practice, professional experience, and service opportunities.
- Utilizing interprofessional approaches in teaching, research/scholarship, clinical practice and service efforts.
- Providing professional and interprofessional development opportunities for faculty, staff, students, alumni, pharmacists, and preceptors.
- Securing sufficient financial, physical, and human resources to engage in effective teaching, research, practice, and service.
- Continually improving the quality of education, and research/scholarship.
- Developing pharmacists and scientists to meet the health care needs of the state, region, nation, and world.

Vision

The School of Pharmacy will be a nationally recognized leader in pharmacy education, research, and outreach which is known for its high quality and impact on improving human health.

Indicators that we are moving toward our Vision:

- Students and graduates are sought after as caring, competent, and ethical health professionals and researchers.
- Graduates have a high level of achievement as measured by licensure and certification exams and job placement.
- Faculty are recognized for best practices in teaching, curriculum improvement, and as leaders by discipline-related organizations.
- The School is nationally recognized for innovations in rural healthcare.
- Faculty and graduates discover and disseminate new knowledge as demonstrated by competitively funded research, high quality scholarly publications, and innovative product and practice development.
- Alumni are recognized for their consistent high level of achievement, leadership and involvement in professional organizations, and sustained contributions to their profession.
- Faculty have the resources of staff, time, space, and money to accomplish excellence in teaching, research, practice and service.
- Our impact will be local, national and global.

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, professional, 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.