

# Department of Pharmacy Practice and Pharmaceutical Science

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[www.ndsu.edu/pharmacy](http://www.ndsu.edu/pharmacy)

The professional pharmacy program is a joint effort of the Department of Pharmacy Practice and the Department of Pharmaceutical Sciences. See Programs of Study for further information.

## Pharmacy Practice

### Vision

The Department of Pharmacy Practice continually improves patient care through student and practitioner education by integrating emerging models of teaching, scholarship, clinical practice and service.

### Mission

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

We will accomplish this by:

- Developing students and graduates who are sought after as competent healthcare professionals.
- Providing a relevant, practical and integrated curriculum that has measurable ability-based outcomes.
- Promoting interprofessional opportunities within the state and region.
- Providing quality and diversified, introductory and advanced pharmacy practice experiences.
- Securing financial, physical, and human resources to engage in effective teaching, research, practice, and service.
- Providing an environment that positively impacts the recruitment, retention, engagement, and promotion of faculty/staff.
- Expanding distance and continuing education capabilities.
- Promoting collaboration in and among the Department, College, and University to enhance research and scholarship.
- Supporting the role of the pharmacist in rural and public health.
- Supporting post-graduate education in the form of residencies and a Master of Public Health degree.

## Pharmaceutical Sciences

### 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 30 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.

Indicators that we are moving toward our Vision:

- Ranking among the top 30 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.

Pharmacy Doctorate (Pharm.D.) Program (<http://bulletin.ndsu.edu/past-bulletin-archive/2014-15/undergraduate/colleges/pharmacy-nursing-allied-sciences/pharmacy-practice-pharmaceutical-science/pharmacy-doctorate-pharm-d-program>)

Vaccinology (<http://bulletin.ndsu.edu/past-bulletin-archive/2014-15/undergraduate/colleges/pharmacy-nursing-allied-sciences/pharmacy-practice-pharmaceutical-science/vaccinology>)