

# DEPARTMENT OF PHARMACEUTICAL SCIENCES

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<https://pharmacy.tamu.edu/pharm-sciences/index.html> (<https://pharmacy.tamu.edu/pharm-sciences/>)

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Pharmaceutical Science is an interdisciplinary field of applied sciences pertaining to the design, synthesis, action, delivery, manufacturing, disposition, and evaluation of drugs. The Department of Pharmaceutical Sciences consists of about 25 PhD faculty members with expertise in pharmacology, pharmacokinetics, pharmaceuticals, medicinal chemistry, molecular biology, immunology, biochemistry, microbiology, physiology, as well as the social and behavioral sciences. All faculty members are involved in classroom and/or laboratory instruction in the four-year professional pharmacy (PharmD) curriculum and graduate instruction with research. Pharmaceutical sciences faculty work together with clinical faculty in highly integrated courses as well as participate in other research/scholarship endeavors.

The department has active researchers with funding from the NIH, FDA, DoD, several State and National Foundations, and the pharmaceutical industry. The research spans the areas of cancer, diabetes, opioid/cannabinoids, drug delivery systems and formulations, manufacturing sciences, epigenetics, nanotechnology, 3D printing and emerging technologies among others. Research is performed in the Rangel College of Pharmacy laboratories in Kingsville and College Station, Texas.

## Masters

- Master of Pharmaceutical Sciences (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/pharmacy/pharmaceutical-sciences/ms/>)

## Doctoral

- Doctor of Philosophy in Pharmaceutical Sciences (<http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/pharmacy/pharmaceutical-sciences/phd/>)