



FAST FACTS

THE UNIVERSITY OF ARIZONA

College of Pharmacy

An entrepreneurial spirit at heart.

Through research, the creation of innovative educational programs and identifying new ways to approach complex problems, the College improves health and health care.

Nationally ranked in education and a leader in research.

The College is ranked 8th by the American Association of Colleges of Pharmacy (AACP) and 16th nationally in America's Best Grad Schools published by U.S. News & World Report. Including funding from the National Institutes of Health, it is ranked among the top third of colleges of pharmacy in terms of external funding for research. Our research results in the development of new therapies and standards of care, and areas of excellence include drug discovery and development, health and pharmaceutical outcomes, pharmacology, toxicology and environmental health.

We prepare savvy and well-trained pharmacists and pharmaceutical scientists.

The PharmD professional program prepares students to become pharmacists who work in a variety of clinical settings in Arizona and around the world. PharmD dual-degrees in complementary areas including business, research/graduate programs, legal studies and more, provide opportunities for students to hone expertise in focused areas where pharmacists are needed. The PhD graduate program has four program tracks that allow students to conduct research alongside our world-class faculty, preparing students for jobs as scientists and researchers working in the pharmaceutical industry, academia and government.

The Southwest's first and only Bachelor of Science in Pharmaceutical Sciences.

The University's newest undergraduate degree, the Bachelor of Science in Pharmaceutical Sciences (BSPS), provides students with the comprehensive coursework, laboratory work and experiential education in Pharmaceutical Sciences, the foundation of new drug design, development and delivery to treat human disease. Graduates with this preparation are highly sought after in biosciences, regulatory agencies and industry. Students are also prepared to begin professional studies or graduate degrees.

Access to exceptional pharmacy leaders, scientists, innovators and experts.

The College has nearly 45 full-time faculty members. Additionally, approximately 1,100 preceptors provide experiential training to students at nearly 600 clinical sites throughout Arizona.

Competitive clinical residencies.

Many PharmD students pursue a residency after graduation. The College sponsors numerous specialty residencies for both PGY1 and PGY2 residents in partnership with Banner – University Medical Center and other facilities.

CONTINUES



Campuses: Tucson
Phoenix

Departments:

- Pharmacy Practice and Science
- Pharmacology and Toxicology

Degrees:

- Bachelor of Science in Pharmaceutical Sciences (BSPS)
- Master of Science in Health and Pharmaceutical Outcomes
- Doctor of Pharmacy (PharmD)
- PharmD dual-degrees: PharmD-PhD, PharmD-JD, PharmD-MBA, PharmD-MPH, PharmD-MLS
- PhD degrees in Pharmaceutics & Pharmacokinetics, Drug Discovery & Development, Health & Pharmaceutical Outcomes, Pharmacology & Toxicology



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Centers:

- Arizona Center for Drug Discovery
- Arizona Poison and Drug Information Center
- Center for Health Outcomes and PharmacoEconomic Research (HOPE Center)
- Medication Management Center
- Southwest Environmental Health Sciences Center
- Center for Toxicology

New PharmD students admitted annually: 140

Pharmacy residents: 30

Graduate students enrolled: 50

BSPS students enrolled: 300

Discovery happens here.

The **Center for Toxicology** is home to several programs that address the toxic effects of drugs, chemicals and environmental stresses, with a special emphasis on environmental issues of concern to the Southwest.

- The **Southwest Environmental Health Sciences Center** investigates mechanisms by which exposures to environmental agents and other stresses contribute to human disease.
- The **Superfund Research Program** uses an interdisciplinary approach to study hazardous waste issues in the U.S. Southwest (including Arizona-Sonora border and Native Nations), focusing on arsenic and mine tailings. Biomedical and environmental scientists collaborate to investigate risks, develop remediation strategies, and translate research findings to government stakeholders and the affected community.
- A competitive fellowship, the **Research Training in Environmental Toxicology of Human Diseases**, gives pre- and post-doctoral students experience to conduct interdisciplinary research that addresses the cellular, molecular, and physiological mechanisms of environmental exposures that increase susceptibility to complex diseases.
- Our **Environmental Health Sciences-Transformative Research Undergraduate Experience**, sponsored by the National Institutes of Health, offers research experiences and support services to prepare UA undergraduates to be successful graduate health science students.

Launched in 2018, the **Arizona Center for Drug Discovery** serves as a vibrant organizational hub connecting researchers and scientists at the University of Arizona with partnering industry organizations to advance academic-based drug discovery throughout the state.

One of the first centers in the nation to study the clinical and economic outcomes of pharmaceutical interventions, the **Center for Health Outcomes and PharmacoEconomic Research (HOPE Center)** focuses on cost-effectiveness analysis of drug therapies, quality-of-life assessment, pharmaceutical policy analysis and drug-use evaluation.

The **Arizona Poison and Drug Information Center** not only answers about 30,000 calls a year from the public and health care professionals 24/7, but also saves millions of dollars by directing callers to appropriate levels of health care. The center also participates in research on antivenom for snake bite, spider bite and scorpion stings. Several units provide service to communities and providers:

- The **Arizona Opioid Assistance and Referral Line** provides free and confidential information, resources and referrals related to opioids to the general public and providers.
- **MotherToBaby Arizona** provides information to women and physicians about the safety of medicine and other exposures during pregnancy and breastfeeding.

The **Medication Management Center** pioneered the management of medicine while providing services to more than 6 million Americans. The innovative pharmacist-run call center developed proprietary health information software that analyzes millions of prescriptions and identifies problematic combinations. With this information, highly-trained health professionals conduct phone consultations to identify, prevent and resolve medication-related issues. In 2013, the center licensed its software and business model to SinfoníaRx. In 2017, SinfoníaRX was acquired by Tabula Rasa Healthcare.