



FAST FACTS

THE UNIVERSITY OF ARIZONA

College of Pharmacy



Established: 1947

Campuses: Tucson
Phoenix (*Only the PharmD degree is offered here*)

Departments:

- Pharmacy Practice and Science
- Pharmacology and Toxicology

Centers:

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



Rick G. Schnellmann, PhD
Professor and Dean

- ***An entrepreneurial spirit at heart.***
For more than seventy years, the college has embraced an entrepreneurial spirit, seeking to improve health and health care through research, the creation of innovative programs that address complex health care challenges and education.
- ***Nationally ranked in education and a leader in research.***
The College is ranked in the top 20 nationally in America's Best Grad Schools published by *U.S. News & World Report*. 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 college offers three distinct programs to educate pharmacists, pharmaceutical scientists and pharmaceutical techs of the future. The *PharmD professional program* prepares students to become pharmacists who work in a variety of clinical settings in Arizona and around the world. The *PhD graduate program* has four research tracks and allows 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.

In fall 2018, we are launching an undergraduate degree program, *the Bachelor of Science in Pharmaceutical Sciences* which will provide 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. The bachelor's degree is highly anticipated as there are no programs like it in the Southwest. 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. The total number of employees, including full-time and part-time members, exceeds 300. Additionally, approximately 1,400 preceptors provide experiential training to students at nearly 400 clinical sites throughout Arizona.
- ***Competitive clinical residencies.***
Many PharmD students pursue a residency after graduation. The College sponsors a pharmacy practice residency and specialty residencies in nutrition support, critical care medicine, emergency medicine, health-system pharmacy administration, pediatrics, infectious diseases and internal medicine, in partnership with Banner – University Medical Center and other facilities.

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New PharmD students admitted annually: 120-150

Pharmacy residents: 30

Graduate students: 50

Graduate degree tracks:

- Pharmaceutics and Pharmacokinetics
- Drug Discovery and Development
- Health and Pharmaceutical Outcomes
- Pharmacology and Toxicology

New Bachelor of Science in Pharmaceutical Sciences launching in fall 2018

- **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.
- Successful collaborations with Mexico have resulted in a center that expands the training of U.S. and Mexican students concerning border environmental health issues and supports collaborative research projects. The **Dean Carter Binational Center for Environmental Health Sciences** is sponsored by the U.S. Environmental Protection Agency.
- 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.
- 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.
- 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** 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** at the College of Pharmacy not only answers about 50,000 calls a year from the public and health-care professionals, but also saves millions of dollars by directing callers to appropriate levels of health care. More than 70 percent of received calls are managed at home, keeping Arizonans out of emergency rooms and other facilities. The center also participates in research on antivenom for snake bite, spider bite and scorpion stings. MotherToBaby Arizona, a unit of the poison center, provides information to women and physicians about the safety of medicine and other exposures during pregnancy and breastfeeding.
- The **Medication Management Center** is a first-of-its-kind center established in 2006 in response to the medication therapy management requirement of the Medicare Part D prescription drug benefit. The innovative pharmacist-run call center provides many services to Medicare beneficiaries and participates in research on the effects of medication therapy management. In 2013, it licensed its software and business model to Sinfonia, a Tucson healthcare company, creating the new entity, SinfoniaRx. In 2017, SinfoniaRx was acquired by Tabula Rasa Healthcare, a public health care company that provides individualized, data-driven technology solutions.