



**SKAGGS SCHOOL OF PHARMACY AND
PHARMACEUTICAL SCIENCES PRESENTS:
PHD IN TOXICOLOGY**

A RECOGNIZED NATIONAL LEADER IN TOXICOLOGY

The Toxicology graduate program focuses on the cellular and molecular mechanisms underlying the toxic effects of therapeutic agents, industrial chemicals and environmental toxicants. An integral component of this program is investigation and characterization of cellular adaptation, oxidative stress and the genetic components that underlie resistance or susceptibility to toxic agents. In addition, the Toxicology graduate program has a strong focus on systems toxicology that integrates a number of 'omics' approaches including transcriptomics and metabolomics. Research opportunities for trainees cover the breadth of toxicology with major strengths in cancer and chemoprevention, oxidative stress, neurotoxicology, pulmonary toxicology, hepatotoxicology, toxicogenetics and genomics, immunotoxicology, nanotoxicology and clinical toxicology.

MISSION AND GOALS

Our mission is to educate pre-doctoral students to develop independent research, consulting or teaching careers in toxicology. Our graduates go on to careers in academia, industry, consulting or government.



WHY CHOOSE CU ANSCHUTZ?

The Skaggs School of Pharmacy is a recognized leader in toxicology. We are home to a vast array of research resources including a high throughput/high content screening facility to a state of the art mass spectrometry core. We rank in the top 5 U.S. Pharmacy Schools for NIH funding and are supported by a National Institute of Environmental Health Sciences T32 training grant in Molecular and Systems Toxicology.

PROGRAM HIGHLIGHTS

FACULTY

Toxicology graduate faculty have primary appointments in the Schools of Pharmacy, Medicine, Public Health and National Jewish Health.

SEMINAR SERIES

The program hosts a seminar series that features leading researchers from around the country who interact with students to learn about research and career opportunities. We also hold an annual symposium and an annual research retreat in the mountains of Colorado. Most students attend one to two meetings per year such as the Society of Toxicology.

FINANCIAL SUPPORT

Support includes tuition & fees, health & dental insurance, and a \$34,000 stipend. Most students will also serve as a TA for at least one semester.

APPLICATIONS

We accept applications from Sept. 1 to Dec. 1 for the following fall. On-campus interviews take place in February.

Find out more at
ucdenver.edu/pharmacy

