



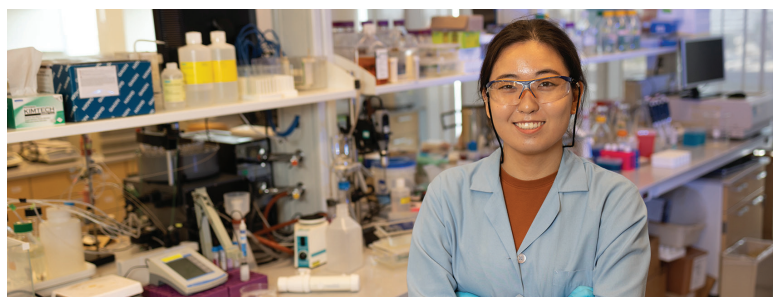
## WHY IS PHARMACEUTICAL SCIENCES RIGHT FOR YOU?

Our program offers three specialized training tracks. Graduates in our programs become deep experts that are in high demand in industry and academic environments.

In **Medicinal Chemistry**, students work on problems of drug screening and design; synthesis of novel drugs; identification of drug targets; and exploration of natural products.

In **Pharmaceutics**, students develop expertise in metabolism; drug and gene delivery systems; preclinical, clinical, population and physiological-based pharmacokinetics; and bioavailability.

In **Pharmacology**, students use advanced technologies to address biological questions associated with cardiovascular and renal pharmacology; skeletal muscle physiology; muscle regeneration; carcinogenesis; cancer-induced cachexia; behavioral neuroscience; neurodegenerative disease; and mechanisms of action of traditional medicine and natural products.



## WHY CHOOSE UNIVERSITY OF HOUSTON FOR YOUR TRAINING?

Our faculty are recruited from leading institutions. We offer world-class opportunities for talented students to work on interesting projects that cross every aspect of human health. Our students receive competitive tuition and stipend support while enrolled in the doctoral program.

Part of a Carnegie Tier One Research institution, our faculty and students work in a 300,000-square-foot, nine-story building with state-of-the-art laboratory facilities. Students engage in cutting-edge basic and bench-to-beside translational research using high-throughput drug screening, 3-D molecular modeling, confocal imaging, and nuclear magnetic resonance systems.

## APPLICATIONS DUE BY JANUARY 3, 2025

We are now accepting applications for the Fall 2025. Competitive applicants have a bachelor's degree in a relevant scientific or medical discipline, such as biology, chemistry, pharmacy, bioengineering, and prior research experience. A GRE score is not required.



**Apply Now – Find Out How**

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[copgrad@uh.edu](mailto:copgrad@uh.edu)



*The University of Houston is an Equal Opportunity/Affirmative Action institution. Minorities, women, veterans and persons with disabilities are encouraged to apply.*