

PHARMACEUTICAL SCIENCES GRADUATE MAJOR (MS, PHD)

Graduate Areas of Concentration

Biopharmaceutics, medicinal chemistry, natural products chemistry, pharmaceuticals, pharmacoeconomics, pharmacokinetics, pharmacology, toxicology

Faculty in the department are involved foundational research that aims to identify novel chemicals and characterize the therapeutic potential of new agents from unusual microbes, plants, and other biological sources; design and develop nanoparticles for highly targeted delivery of new drug types; discover and investigate new drug targets to treat drug-resistant infections, cancer, muscle, skeletal and other diseases; and explore the impact of the human microbiome on health and disease using advanced computational methods and systems approaches.

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