THE PROGRAM

The Masters Graduate Programs in Molecular Pharmacology and Therapeutics at Loyola University Chicago Health Systems Division prepares students for competitive and productive careers in academic research, the Pharmaceutical Industry and for government Regulatory Agencies. We offer an MS with a research focus, and an MS/MBA joint degree (with the Business School) with more of a drug development focus.

Our interdepartmental and interdisciplinary approach provides students with a broad selection of mentors in multiple areas including Neuroscience, Cardiovascular, Hemostasis, and Cancer Biology. These programs provide you with the knowledge and the tools to be competitive for employment in the Pharmaceutical or Regulatory industries, and for academic research or further educational opportunities including the Ph.D. and M.D. In addition to our academic faculty, we have more than twenty Affiliate faculty from Industry involved in teaching and opportunities to network and apply for internships exist.

VIST OUR WEBSITE
https://ssom.luc.edu/pharmacology/

APPLY ON-LINE
https://gpem.luc.edu/apply/

FACULTY INTERESTS

Joanna Bakowska, Ph.D.
Genetic, behavioral and cellular approaches to study mechanisms in spastic paraplegias

Neil Clipstone, Ph.D.
Mechanism of cellular invasion by amyloid protein aggregates in neurodegenerative disease

Mitchell Denning, Ph.D.
Cell fate decisions of keratinocytes and melanocytes, PKC signaling and UV response in epidermis and UV-induced carcinogenesis

Jawed Fareed, Ph.D.
Pathophysiology of thrombotic and cardiovascular disorders and their pharmacological management

Rocco Gogliotti, Ph.D.
Neurogenetics of autism and autism-associated disorders and the neuropharmacology of novel treatment strategies

Gonzalo Torres, Ph.D.
Function and regulation of brain monoamine transporters and their role in the actions of psychostimulants and antidepressants

Eileen Foecking, Ph.D.
Mechanisms of peripheral nerve injury and repair with focus on therapeutic and surgical techniques to enhance regeneration

Debra Hoppensteadt, Ph.D.
Thrombosis, hemeotasis and biomarker development for disease and drug adverse effects

Simon Kaja, Ph.D.
Mechanisms that underly human ophthalmic, neurological, and neurodegenerative disorders

W. Keith Jones, Ph.D.
mRNA regulation of gene expression and exosome function in cardiovascular disease, cancer and neuronal signaling

Gwendolyn Karjte, M.D., Ph.D.
Neuronal pasticity after stroke and traumatic brain injury

Kelly Langert, Ph.D.
Biomaterials for targeted or localized delivery of therapeutics to the peripheral nervous system

Whelton A. Miller, Ph.D.
Pharmacocoinformatics, molecular modeling, and in silico drug design

Karie Scrogin, Ph.D.
Neurobiology of anxiety and depression in heart disease; neural control of circulation in hemorrhagic shock

Monsheel Sodhi, Ph.D.
Genetic, epigenetic, and post-transcriptional effects in major psychiatric disorders

PROGRAM START DATES
Orientation July 28, 2023
Classes begin July 31, 2023
ROLLING ADMISSIONS

FINAL APPLICATION DEADLINE July 15, 2023

For Inquiries contact:
Dr. W. Keith Jones, Ph.D.
Graduate Program Director
Molecular Pharmacology and Neuroscience Graduate Program
Loyola University Chicago
Stritch School of Medicine
2160 South First Avenue
Maywood, IL 60153
ANY QUESTIONS
Phone: (708)216-8269

ANY QUESTIONS
Phone: (708) 216-5773
E-mail: wjones7@luc.edu