

# molecular interventions

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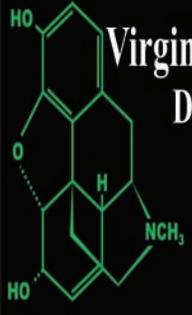
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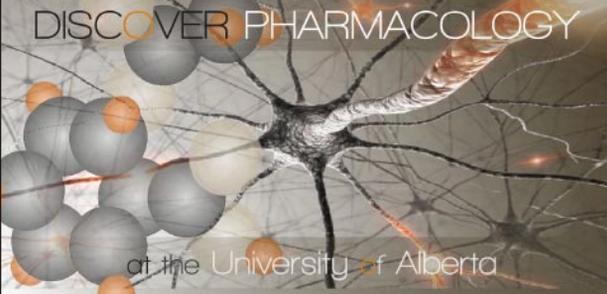
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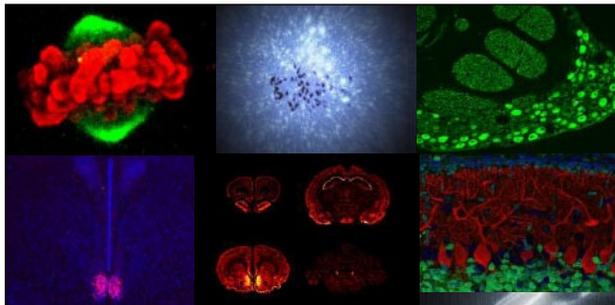
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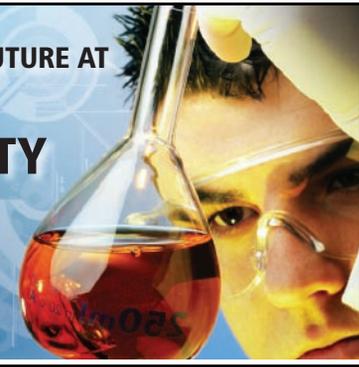
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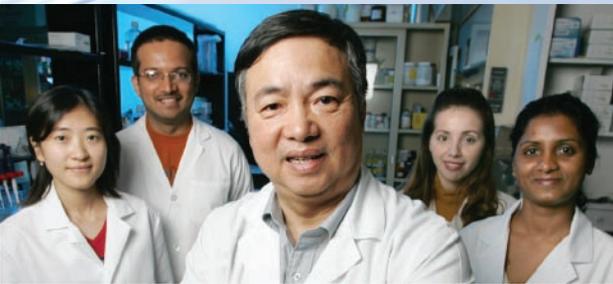
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The Department of Pharmacology and Toxicology at the University of Utah Health Sciences Center in Salt Lake City offers graduate training leading to the Ph.D. in pharmacology and toxicology. Our program focuses on training in research and leadership skills, and features individualized programs of study based on the needs of the students. Doctoral graduates of our program gain employment in research and teaching positions at colleges and universities, and have additional opportunities in the biotechnology and pharmaceutical industries, research institutes, environmental protection organizations, and many other arenas. To learn more about our programs, visit us at [www.pharmacy.utah.edu/pharmtox/](http://www.pharmacy.utah.edu/pharmtox/) or contact us at: Department of Pharmacology and Toxicology, University of Utah Health Sciences Center, 30 South 2000 East, Salt Lake City, UT 84112 (801) 581-6287

**Graduate Program in Pharmacology Toxicology & Neuroscience**

Louisiana State University  
Health Sciences Center - Shreveport




For complete information about our graduate program visit our website at:

<http://pharm.lsuhs-c.edu/pharm/pharm.html>

**Program of Study**

The LSUHSC graduate program (Ph.D., M.S., M.D./Ph.D.) in Pharmacology emphasizes neuropharmacology, molecular pharmacology, and toxicology. We offer training in research design and implementation to prepare students for careers in academia, industry or government. We also offer Summer undergraduate research internships! Major areas of research include:

- Behavioral Pharmacology
- Drug Addiction
- Neuroendocrinology
- Neurotransmitter Function
- Mechanistic Toxicology
- Cancer
- Neurodegenerative diseases
- Gene therapy/Gene transfer

**GRADUATE STUDIES  
PHARMACOLOGY AND TOXICOLOGY  
UNIVERSITY OF CONNECTICUT  
SCHOOL OF PHARMACY**

The Pharmacology and Toxicology program at the University of Connecticut emphasizes mechanistic approaches to the study of drugs and toxic agents with the goal of improving human health. Core courses in pharmacology, toxicology, physiology, biochemistry, cell and molecular biology, pathology, chemistry and statistics make up the program of study which is individually designed to meet special interests of the student. Approximately 40 credits of graduate course work and an independent research project are required for the Ph.D. degree. Applications for fall admission are typically received by January of that calendar year.

A pre-application is available at:  
<http://www.pharmacy.uconn.edu/preapplication-pharmtox.html>.

Official applications can be downloaded from the graduate school website: [www.grad.uconn.edu](http://www.grad.uconn.edu) or requested at (860) 486-3619.

**GRADUATE STUDIES IN PHARMACOLOGY  
THE UNIVERSITY OF TEXAS MEDICAL  
BRANCH AT GALVESTON**

The graduate program in pharmacology and toxicology at UTMB welcomes applicants to this unique program. All first year students are admitted into a first year basic biomedical sciences curriculum and commit to the program at the end of year commensurate with completion of three to four research rotations through different laboratories. Several exciting research arenas are possible: (1) CNS drug mechanisms and neuroplasticity, ion channel structure and function, synaptic transmission and neural signaling mechanisms in addictive, neurological and psychiatric disease, neural and behavioral substrates of drug abuse and addiction (6 faculty), (2) drug metabolism, including human placental biotransformation and disposition and human clinical drug trial design (2 faculty), (3) several areas in the environmental health sciences and cancer focused on physiological signaling processes at the molecular and cellular level (4 faculty). The research strategies used span a spectrum blending contemporary cell free technologies with whole animal models, including, for example, the use of nanoparticles for drug delivery, single cell electrophysiology and imaging and LC MS for identification of drug metabolites. For a complete description of our Ph.D. training program, please see: <http://www.utmb.edu/phtox/> or call us at 409 772 9626 or 409 772 1561. The application deadline for priority consideration is January 15th.

**GRADUATE STUDIES IN PHARMACOLOGY  
UNIVERSITY OF WISCONSIN – MADISON**

The Molecular and Cellular Pharmacology Program at UW-Madison encourages applicants to its PhD graduate program at the University of Wisconsin. The goal of the Graduate Program in Molecular and Cellular Pharmacology is to equip students with the skills required to conduct state-of-the-art biomolecular, biomedical, and pharmacological research. Students will learn to use cutting edge research skills to solve a variety of fundamental problems in basic biomedical sciences. The emphasis involves the design of research strategies to discover novel cell regulatory pathways and to develop approaches to discovery of drugs or gene therapy that regulate human disease. The Program mentors students toward becoming independent investigators in these research areas. For a complete description of our PhD Program and application instructions, please visit our website at: <http://molpharm.wisc.edu> or call (608) 262-9826 for information. The application deadline is December 31, 2009.



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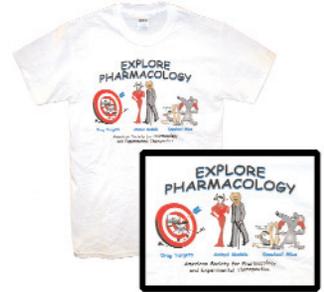


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**Abstract Deadline:**  
**Wednesday, November 4, 2009**

2010