

#### 2009

19

18

#### September

Inst. for Scientific Exchange, Inc. Drug Discovery & Development Summit Sept. 23–25, Santa Fe, NM isciencex.com/events.htm

S. African Soc. for Basic & Clinical Pharmacology 43<sup>rd</sup> Ann. Cong. Sept. 23–26, Potchefstroom, South Africa sapharmacol.co.za

Roy. Pharma. Soc. of Great Britain Wound Management: Intelligent Biomaterials to Novel Antimicrobials Sept. 24, London, UK rpsgb.org/events

#### October

Intl. Soc. of Pharmacovigilance 9<sup>th</sup> Ann. Mtg. Oct. 6–9, Reims, France isop2009.org

Chinese Pharmacological Soc. & China Pharmaceut. Industry Assn. Intl. Conf. of Drug Management & Technol. Oct. 10–11, Guangzhou, China epsworldlink.com

IUPHAR Intl. Symp. on Drug Transport & Metabolism Oct. 13–14, Buenos Aires, Argentina safe-digital.org Elsevier Neuropeptides Oct. 14–16, Chicago, IL neuropharmacology-conference.elsevier. com

Visiongain 6<sup>th</sup> Ann. Pain Management Oct. 14–15, London, UK bioportfolio.com∕visiongain.html

Roy. Pharma. Soc. of Great Britain Analysis of Inhaled Products Oct. 15, London, UK rpsgb.org

Soc. for Neurosci. Ann Mtg. Oct. 17–21, Chicago, IL sfn.org

#### DIA

Special Training Course on US Regulatory Affairs Oct. 19, Basel, Switzerland diahome.org

Opal Events Drug Discovery Partnerships: Academia & Industrial Interactions Oct. 28–30, Boston, MA opalevents.org

#### November

Amer. Col. of Toxicology 30<sup>th</sup> Ann. Mtg. Nov. 1–4, Palm Springs, CA actox.org ISES 2009 Ann. Conf. Nov. 1–5, Minneapolis, MN ises09.org

Ann. Biomed. Res. Conf. for Minority Students Nov. 4–7, Phoenix, AZ abrcms.org

AAPS 2009 Ann. Mtg. Nov. 8–12, Los Angeles, CA aapspharmaceutica.com

Amer. Soc. of Cyopathology 57<sup>th</sup> Ann. Mtg. Nov. 13–17, Denver, CO Cytopathology.org

Amer. Heart Assn. Scientific Sessions 2009 Nov. 14–18, Orlando, FL scientificsessions.org

Transformational Med. Technol. Initiative Transformational Med. Technol. Industry Day Nov. 18–19, Dallas, TX tmti-cbdefense.org

Austrian Pharmacological Soc. 15<sup>th</sup> Scientific Symp. Nov. 19–21, Graz Austria aphar.at/aphar2009.html

BIT Life Sciences 2<sup>nd</sup> Ann. Cong. & Expo of Molecular Diagnostics Nov. 19–21, Beijing, China Argentinean Soc. of Exper. Pharmacology 41<sup>st</sup> Cong. Nov. 23–27, Rosario, Argentina safe-digital.org

Australasian Soc. of Clin. & Exper. Pharmacologists & Toxicologists Ann. Mtg. Nov. 29–Dec. 2, Sydney, Australia ascept.org

#### December

Paragon Conventions 2<sup>nd</sup> Intl. Conf. on Fixed Combination in the Treatment of Hypertension, Dyslipidemia & Diabetes Mellitus Dec. 10–12, Valencia, Spain paragon-conventions.com/fixed09

18<sup>th</sup> WRN World Cong. on Parkinson's Disease & Related Disorders Dec. 13–16, Miami Beach, FL kenes.com/parkinson

British Pharmacological Soc. Winter Mtg. 2009 Dec. 15–17, London, UK bps.ac.uk

#### 2010

#### January

Intl. Neuroimplantation Conf. Jan. 22–23, Istanbul, Turkey incturkey.org

#### February

Univ. of Texas M.D. Anderson Cancer Ctr. 5<sup>th</sup> Intl. Conf. SUMO, Ubiquitin, UBL Proteins Feb. 10–13, Houston, TX sentrin.org

AHA/ASA Int'l. Stroke Conf. 2010 Feb. 23–26, San Antonio, TX strokeconference.americanheart.org

EDDP 2010—Intl. Conf. on Early Disease Detection & Prevention Feb. 25–28, Munich, Germany paragon-conventions.com/eddp2010

#### March

Soc. of Toxicology 49<sup>th</sup> Ann. Mtg. Mar. 7–11, Salt Lake City, UT toxicology.org

Acad. for Clin. Debates & Controversies in Med. Controversies to Consensus in Diabetes, Obesity & Hypertension Mar. 11–14, Buenos Aires, Argentina codhy.com/argentina

BIT Life Sciences, Inc. 2<sup>nd</sup> Ann. World Cong. of Vaccine Mar. 24–26, Beijing, China bitlifesciences.com/wcv2010

BIT Life Sciences, Inc. 2<sup>nd</sup> Ann. World Cong. of Antibodies—2010 Mar. 24–26, Beijing, China bitlifesciences.com/ica2010

#### April

AACR Annual Mtg. Apr. 17–21, Washington, DC aacr.org

ComtecMed 1<sup>st</sup> Intl. Cong. on Controversies in Cryopreservation Apr. 22–25, Valencia, Spain comtecmed.com/cryo/2010

APS, ASBMB, ASPET, ASN, AAA Experimental Biology '10 Apr. 24–28, Anaheim, CA faseb.org/meetings

#### May

#### ARVO

Ann. Mtg. May 2–6, Ft. Lauderdale, FL arvo.org

#### June

6<sup>th</sup> Infl. Symp. on Hormone & Veterinary Drug Residue Anal. June 1–4, Ghent, Belgium vdra.ugent.be

Org. for the Study of Sex Differences 4<sup>th</sup> Ann. Mtg. June 3–5, Ann Arbor, MI ossdweb.org

Collegium Intl. Neuro-Psychopharmacologicum (CINP) 2010 World Congress June 6–10, Hong Kong, China cinp2010.com Univ. of Toronto 8<sup>th</sup> Intl. Conf. on the Mechanisms of Anesthesia June 15–18, Toronto, ON, Canada

anesthesia.utoronto.ca/mac2010.htm

NAVBO 16<sup>th</sup> Intl. Vascular Biol. Mtg. June 19–23, Los Angeles, CA navbo.org

European Neurological Soc. 20<sup>th</sup> Mtg. June 19–23, Berlin, Germany congrex.ch/ens2010

#### July

Fed. of European. Neurosci. Socs. 7<sup>th</sup> Forum of European Neurosci. July 3–7, Amsterdam, The Netherlands forum.fens.org/2010

Intl. Union of Toxicology XII Intl. Cong. of Toxicology July 11–15, Barcelona, Spain iutox2010.org

7<sup>th</sup> Intl. Cong. of Neuroendocrinology July 11–15, Rouen, France icn2010.univ-rouen.fr

IUPHAR WorldPharma 2010 July 17–23, Copenhagen, Denmark WorldPharma2010.org Intl. Acad. of Cardiology 15<sup>th</sup> World Cong. on Heart Disease July 24–27, Vancouver, BC, Canada cardiologyonline.com

BIT Life Sciences 1<sup>st</sup> World Cong. of Virus & Infections July 31–Aug. 3, Busan, South Korea bitlifesciences.com/wcvi2010

#### August

Symp. of Protein Soc. Aug. 1–5, San Diego, CA proteinsociety.org

Japanese Soc. for Immunology 14<sup>th</sup> Intl. Cong. of Immunology Aug. 22–27, Kobe, Japan ici2010.org

#### September

Amer. Col. of Clin. Pharmacol. 39<sup>th</sup> Ann. Mtg. Sept. 12–14, Baltimore, MD accp1.org

Intl. Soc. of Hypertension 23<sup>rd</sup> Scientific Mtg. Sept. 26–30, Vancouver, BC, Canada vancouverhypertension2010.com

2<sup>nd</sup> World Parkinson Cong. Sept. 28–Oct. 1, Glasgow, Scotland worldpdcongress.org

#### October

APGI & ADRITELF apgi.org/2ndInnovDrugDeliv.htm

2<sup>nd</sup> Conf. on Innovation in Drug Delivery Oct. 3–6, Aix-en-Provence, France

#### November

Amer. Soc. of Human Genetics Ann. Mtg. Nov. 2–6, Washington, DC ashg.org

Ann. Biomed. Res. Conf. for Minority Students Nov. 4–7, Charlotte, NC abrcms.org

#### Soc. for Neurosci. Ann. Mtg. Nov. 13–17, San Diego, CA sfn.org

Intl. Pharmaceut. Fed. & AAPS FIP Pharma. Sci. World Cong. Nov. 14–18, New Orleans, LA pswc2010.org

### **Professional**Opportunities

Visit www.aspet.org for an expanded listing of professional opportunities.

#### **POSITION OPEN**

#### TENURE-TRACK ASSISTANT PROFESSOR • DEPARTMENT OF PHARMACOLOGY • UNIFORMED SERVICES UNIVERSITY

The Department of Pharmacology at the Uniformed Services University School of Medicine is engaged in a multi-year program of expansion and currently invites applications for two tenuretrack Assistant Professor positions. Highly qualified candidates are sought to complement the Department's existing strengths in molecular pharmacology and neuropharmacology. Successful candidates are expected to develop vigorous independent, extramurally-funded research programs and actively participate in graduate and medical education. Applications are encouraged from individuals engaged in all areas of pharmacology research, particularly from those who focus on receptor-mediated mechanisms of signal transduction, or the application of structural biology to the identification of targets for rational drug design. The University provides generous research start-up funds and full salary support. Strong interdisciplinary graduate programs in Neuroscience, Molecular and Cell Biology, and Emerging Infectious Diseases allow ample opportunity for involvement in graduate education.

The Uniformed Services University is located on the campus of the National Naval Medical Center in Bethesda, Maryland, adjacent to the National Institutes of Health and in close proximity to the biotechnology corridor in suburban Maryland. The area is rich in scientific opportunities and cultural offerings. Downtown WaShington, D.C. is a short Metro ride away. To learn more about the University and the Department, visit our website at www.usubs.edu/pha

Candidates should possess a Ph.D. andlor M.D. in Pharmacology or a related field, and be US citizens or permanent residents eligible for citizenship at the time of appointment. Interested individuals should submit a CV, a brief statement of research interests (2-3 pages), and arrange for three letters of reference to be sent to:

Dr. Aviva Symes Chair, Faculty Search Committee Department of Pharmacology Uniformed Services University 4301 Jones Bridge Road Bethesda, MD 20814-4799

All inquiries and electronic applications should be sent to pharmacologysearch@usuhs.edu

Review of applications will begin on October 15" and continue until the positions are filled.

The Uniformed Services University is an equal opportunity employer and is committed to increasing the diversity of the faculty. Applications from women and underrepresented minorities are particularly encouraged.

#### **POSITION OPEN**

#### FACULTY POSITION • SOUTHWESTERN OKLAHOMA STATE UNIVERSITY • COLLEGE OF PHARMACY • DEPARTMENT OF PHARMACEUTICAL SCIENCES

The College of Pharmacy at Southwestern Oklahoma State University (SWOSU) invites applications for a tenure track academic year faculty position in the Department of Pharmaceutical Sciences at the rank of assistant or associate professor. Historically, employment has been available every summer. Candidates should possess a Ph.D. in the pharmaceutical or biomedical sciences with an interest in pharmacogenomics. Preference will be given to candidates who have an entry-level pharmacy degree and/or postdoctoral research experience. Responsibilities will include teaching in the professional Pharm.D. program in the physiology, pathophysiology, and pharmacology course sequences. Course development relevant to the applicant's background and expertise will be encouraged. The successful candidate will be expected to develop curricular content in pharmacogenomics, independent and collaborative research and with undergraduate or entry-level Doctor of Pharmacy student involvement. Salary will be commensurate with existing salary structure. Review of applications will begin immediately and continue until the position is filled. The anticipated starting date is January 1, 2010.

SWOSU has an enrollment of about 5000 students and is located in Weatherford, OK, which is one hour west of Oklahoma City on historic Route 66. The College of Pharmacy has approximately eighty-five students in each of the professional program years.

Applicants should send a cover letter referencing Position 10-F004, vitae, unofficial transcripts, and the names and contact information of three references to:

Human Resources Southwestern Oklahoma State University 100 Campus Drive Weatherford, OK 73096

Or e-mail application materials to: jobs@swosu.edu

For more information visit www.swosu.edu. Southwestern Oklahoma State University is an AA/ EEO employer and encourages applications from minorities and women.

#### GRADUATE PROGRAMS

#### GRADUATE STUDIES IN PHARMACOLOGICAL SCIENCES • HARVARD

Harvard Medical School and the Faculty of Arts and Sciences of Harvard University offer training in pharmacological sciences, leading to the Ph.D. degree. Students receive a broad education in biochemistry, cell biology, genetics, and molecular biology, which are integrated with pharmacology This multidisciplinary foundation provides the underpinnings for molecular approaches to drug action, discovery, and design and pharmacological approaches to fundamental biological processes. A large, diverse faculty leads research in numerous areas of molecular pharmacology ranging from determining the structures of drug targets to systems-based approaches to drug action. The research has therapeutic relevance for multiple disease areas including, among others, neurodegeneration, diabetes, cancer, and infections. For more details on the program and research conducted by individual faculty members, and for information on how to apply, please visit our website: http://pharmsci.hms.harvard.edu. The application deadline is December 8.

#### PHARMACOLOGY AND INTERDISCIPLINARY TOXICOLOGY GRADUATE PROGRAMS • UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES

The Department of Pharmacology and Toxicology at UAMS in Little Rock, Arkansas invites those interested in earning the Ph.D. degree in Pharmacology or Interdisciplinary Toxicology to learn more about these programs at www.uams. edu/pharmtox. The department offers research emphasis areas in cardiovascular pharmacology and hypertension research, neuropharmacology and neurodegenerative disease, behavioral pharmacology and drug abuse therapy, hepatic and renal pharmacology and toxicology, and oxidative stress. We offer all our students a competitive stipend and tuition waiver. For additional information call Dr. Philip Mayeux at 501-686-8895 or e-mail at prmayeux@uams.edu.

#### DEPARTMENT OF PHARMACOLOGY • BAYLOR COLLEGE OF MEDICINE

The Department of Pharmacology at Baylor College of Medicine offers an advanced study program leading to a Ph.D. The current focus of the Department is in the areas of chemical biology and drug discovery. The array of topics under investigation includes analysis of enzymes responsible for antibiotic resistance, study of the molecular basis of recognition in protein-protein interactions, identification of new anticancer agents from herbal medicine, design and development of small molecule inhibitors as treatments for infectious diseases and cancer, and the study of the regulation and targeting mechanisms of cGMP-dependent protein kinases. For more information about our department and a link to the on-line application, please visit www.bcm.edu/ pharmacology or call 713.798.4457.

#### GRADUATE PROGRAMS

DEPARTMENT OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS AT BOSTON UNIVERSITY • MA AND PHD PROGRAMS IN PHARMACOLOGY • DEPARTMENT OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS • BOSTON UNIVERSITY SCHOOL OF MEDICINE

The Department of Pharmacology and Experimental Therapeutics at Boston University School of Medicine offers graduate training programs that lead to the M.A. and Ph.D. degrees in pharmacology. The NIGMS-supported training program is directed toward preparing students for future careers in pharmacologic research in academic, industrial, and governmental settings. The interdisciplinary curriculum encompasses study of chemical interactions with biological systems on multiple levels, from the behavior of atoms in macromolecules to the effect of molecules on the behavior of organisms. A major focus of research training is in areas of molecular, cellular, and behavioral pharmacology that provide a foundation for the discovery of new therapeutics to treat brain disorders, cancer, and cardiovascular disease. For further information about the training program and application process, visit our website at www.bumc.bu.edu/busm-pm/applicant/.

#### GRADUATE PROGRAMS

#### UNIVERSITY OF WISCONSIN-MADISON • PHARMACEUTICAL SCIENCES • PHD PROGRAM

The Pharmaceutical Sciences PhD Program at the University of Wisconsin-Madison provides a rigorous background in a broad range of scientific disciplines that are critical to the success of modern pharmaceutical scientists in industry and academia. Interdisciplinary training combines pharmaceutically relevant aspects of classical disciplines such as chemistry, biology, and engineering. You can earn a PhD in Pharmaceutical Sciences with a focus in one of three research cores: Drug Action, Drug Discovery, or Drug Delivery. If you are highly motivated to become a biomedical researcher concentrating in the drug development process, and possess a robust undergraduate background in the physical or biological sciences with significant laboratory experience, we strongly encourage you to consider the breadth of training available here. The UW-Madison is one of the nation's most prolific research institutions, located in the state's beautiful and vibrant capital city. We encourage you to explore more about us at: www.pharmacy.wisc. edu/pharmsci/.

#### GRADUATE PROGRAMS

#### UCLA MOLECULAR TOXICOLOGY PHD PROGRAM

The program is composed of twenty-six faculty from sixteen different departments in the School of Medicine, the School of Public Health and the College of Letters and Science at UCLA. The faculty also participate in the activities of the UCLA Jonsson Comprehensive Cancer Center, and the newly established California Nanosystems Institute. A major advantage of UCLA is that the above entities are all in close proximity to one another on campus, providing our students with a wide range of educational and research opportunities. Areas of particular strength in our program include chemical carcinogenesis, repair of DNA damage, air pollution toxicology, nanotoxicology, and the environmental causation of Parkinson's disease. The program is supported by a training grant from the National Institute of Environmental Health Sciences (NIEHS) and students in the program receive a competitive stipend and fee remissions. Our program is now in its eighth year and all students who started in the first three years of the program (2001-2003) have graduated and secured positions in academia, industry or government. Please visit our website at www.moltox.ph.ucla.edu or contact Rebecca Greenberg at rgreenberg@ph.ucla.edu or 310-206-1619



#### **High Flexibility, Endless Possibility.**

MSU Pharmacology & Toxicology programs are tailored to work with your career, your schedule, your life.

#### **Doctoral Program in Pharmacology and Toxicology**

Gain the skills needed to become an independent scientist. Our program prepares you to be a leader in pharmacology and toxicology research in academic, government or industrial laboratories. Work with faculty experts who have all made significant contributions in their research fields.

#### Professional Science Master's Degree in Integrative Pharmacology

This flexible online program targets laboratory professionals employed in academic, industrial or government laboratories. Requirements include a research project, an on-campus laboratory course and advanced coursework in pharmacology, team building, leadership, intellectual property and project management.

#### Master of Science Degree in Pharmacology

This online program provides advanced training in pharmacology without the research project or laboratory course requirements. It is designed for students who want to improve their academic credentials and for healthcare, law enforcement, legal and social work professionals who need expanded pharmacology knowledge.

Learn more today www.phmtox.msu.edu/edu2 Email: phm@msu.edu 517.353.7145



#### Case Western Reserve University's Molecular Therapeutics Training Program

The Molecular Therapeutics Training Program (MTTP) provides predoctoral students with the knowledge and research skills for independent investigative and teaching careers in the Pharmacological Sciences. A three-tiered progression provides a foundation in cell and molecular biology followed by general training in physiology and pharmacology; then students specialize in one of four advanced tracks, Molecular Pharmacology & Cell Regulation, Membrane Biology & Pharmacology, Cancer Therapeutics, and Translational Therapeutics. The rich research enviroment and interdisciplinary program foster interactions among students and faculty in basic and clinical departments around the common theme of therapeutics.





Molecular and Systems Pharmacology Program

The Graduate Program in Molecular and Systems Pharmacology (MSP) at Emory University in Atlanta offers broad training in the biomedical sciences for students interested in learning how the drugs of today work and how the novel therapeutics of tomorrow can be developed. Particular strengths within the MSP Program at Emory include neuropharmacology, cancer biology, AIDS research, cardiovascular pharmacology, toxicology, and chemical biology. Ph.D. training in the Emory MSP program prepares students for successful careers in the biotechnology and pharmaceutical industries as well as in academic research, teaching, government research, patent law and other disciplines that depend upon knowledge of fundamental pharmacological principles. More information is available on our website http://www.pharm.emory.edu/MSP or by emailing msp@emory.edu.



#### **Pharmaceutical Sciences**

We invite applications to our PhD program spanning the disciplines of Pharmacology, Pharmacokinetics, Medicinal and Natural Products Chemistry, and Drug Delivery

You will join teams researching skin cancer, leukemia, ischemia, skeletal muscle diseases, novel vaccine delivery systems, drug metabolism, or new drugs derived from unusual microorganisms.



Our application deadline for 2010 is **February 1**. For a complete description of our program and contact information: pharmacy.oregonstate.edu/future-students/graduate-studies

# DESCRIPTION DEPARTMENT OF PHARMACOLOGY & PHYSIOLOGY Department of Pharmacology and Physiology offers graduate programs directed toward basic science research with options for a variety of career paths. www.drexelmed.edu/pharmacology\_physiology/ Drexel University College of Medicine Department of Pharmacology & Physiology 245 N. 15<sup>th</sup> Street, M.S. 488 Philadelphia, PA 19102-1192

Programs in Pharmacology and Physiology Contact: <u>Robert.Moreland@drexelmed.edu</u>

Programs in Drug Discovery and Development Contact: <u>JBarrett@drexelmed.edu</u>



Georgetown University Department of Pharmacology

Please visit our website at http://pharmacology.georgetown.edu to learn more about our M.S. & Ph.D. programs in Pharmacology





#### Department of Pharmacology and Toxicology

Medical College of Wisconsin

Ph.D. Program in Biomedical Sciences with focused training in Pharmacology and Cell Signaling



Cardiovascular Pharmacology Neuroscience Cancer Biology Molecular Toxicology

For more information visit: www.mcw.edu/graduateschool.htm Graduate School of Biomedical Sciences Medical College of Wisconsin 8701 Watertown Plank Road Milwaukee, WI 53226 Phone: 414-456-8218 Fax: 414-456-6555

#### School of Pharmacy and Pharmaceutical Sciences University at Buttalo The State University of New York



Department of Pharmaceutical Sciences

Ph.D. and M.S. Graduate programs with emphasis in the areas of Systems Pharmacology, Pharmacokinetics and Pharmacodynamics, Pharmacogenetics, Experimental Therapeutics, Drug Metabolism and Transport.

For a complete description of our graduate training program and application instructions, please visit our website at

www.pharmacy.buffalo.edu/psci.html

# UCLA

DEPARTMENT OF MOLECULAR & MEDICAL PHARMACOLOGY

#### Ph.D. Program in Molecular and Medical Pharmacology

Our students enjoy a basic science and clinical mission in *in vitro* and *in vivo* molecular diagnostics and therapeutics in an integrated culture of faculty and students from biological, engineering, physical and medical sciences. Pharmacology is also the home department for the translational Institute for Molecular Medicine (IMED), the Crump Institute for Molecular Imaging and our Division of Nuclear Medicine and PET clinical service to bring together molecular imaging diagnostics and therapeutics in patient care. Students have access to research in the Department, Institutes and programs with the Elian dEdythe Broad Stem Cell Research Center, Jonsson Comprehensive Cancer Center, the California NanoSystems Institute, Caltech, and the Institute for Systems Biology in Seattle.

> For more information, visit: www.pharmacology.ucla.edu

UCLA Department of Molecular and Medical Pharmacology Box 951735, Room 23-120 CHS Los Angeles, CA 90095-1735 Tel: 310-825-0390 Fax: 310-794-1819

For overnight delivery service: 10833 Le Conte Avenue, Room 23-120 CHS Los Angeles, CA 90095-1735



#### For more information visit:

#### www.vcu.edu/pharmtox

Stephen T. Sawyer, Ph.D. Graduate Program Director P.O. Box 980613 Richmond, Virginia 23298-0613 Phone: (804) 828-7918 E-mail: <u>ssawyer@vcu.edu</u> proteomics cell biology genomics molecular biology biochemistry physiology drug discovery

#### **GD** MAYO CLINIC

#### Want to make discoveries that benefit patients?

The Molecular Pharmacology and

Experimental Therapeutics (MPET) program in the Mayo Graduate School is a great place to start! Mayo Clinic is a world leader in the discovery of basic biological mechanisms and the translation of these findings into novel clinical therapies. As a Ph.D. or M.D./Ph.D. student in the MPET program you will cross the boundaries of many disciplines to identify, understand and develop new therapies to treat human diseases.

#### The MPET program features:

- Outstanding faculty
- Generous financial support, including an NIH
   pre-doctoral training grant
- A highly collaborative environment
- Great career opportunities

To learn more about the MPET program, visit http://www.mayo.edu/mgs/mpet.html



We conduct research in the following areas:

- Ion channel pharmacology and diabetes
- Cardiac metabolism and ischemia-reperfusion
- Vascular pharmacology and free radicals
- •Neuropharmacology of obesity and pain
- Neurodegenerative diseases
   Regulation of neurotransmitter
   exocytosis
- Neurochemistry of anxiety and depression
- Molecular enzymology and enzyme kinetics

www.pmcol.ualberta.ca

- M.Sc. and Ph.D. programs
- Cutting edge, world-class research in a vibrant and multidisciplinary environment
- Competitive stipends and boundless opportunities for qualified and motivated students

UNIVERSITY OF ALBERTA

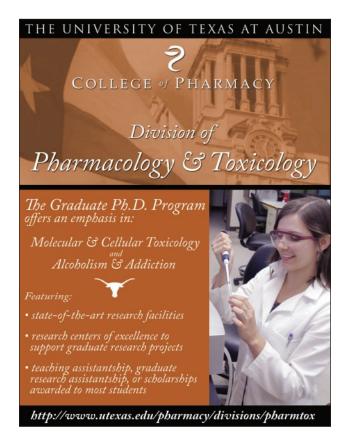


#### Graduate Studies in Pharmacology at McGill University Montreal, Canada PhD, MD/PhD, MSc



For more information visit: www.medicine.mcgill.ca/pharma

Pharmacology & Therapeutics McGill University 3655 Sir-William-Osler Promenade Montreal, QC, Canada, H3G 1Y6 514-398-3623 gradstudies.pharmacology@mcgill.ca





#### DEPARTMENT OF PHYSIOLOGY AND PHARMACOLOGY

Oregon Health & Science University School of Medicine

Ph.D. Program in Physiology and Pharmacology

Interdisciplinary research environment ranging from single molecules and chemical synthesis to integrative systems biology.

#### Want to know more?

www.ohsu.edu/physpharm\_ Oregon Health & Science University Department of Physiology and Pharmacology PH<sup>2</sup> Graduate Program 3181 SW Sam Jackson Park Road L334 Portland, Oregon 97239

> tel. 503/494-8262 fax.503/494-4352







GRADUATE TRAINING PROGRAM

#### DEPARTMENT OF PHARMACOLOGY

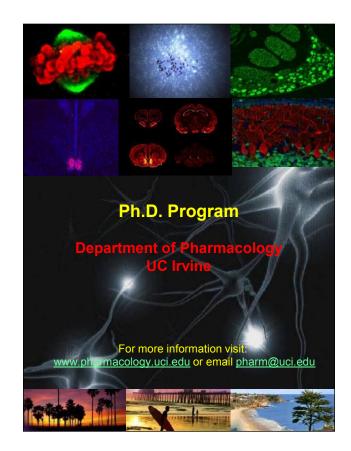
VANDERBILT UNIVERSITY SCHOOL OF MEDICINE

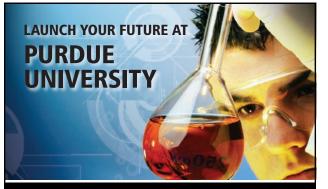
PHOTOS COURTESY OF JOHN RUSSELL & DANIEL DUBOIS, VANDERBILT

> THE VANDERBILT PHARMACOLOGY GRADUATE TRAINING PROGRAM HAS BEEN RANKED #1 OR #2 IN NIH RANKINGS FOR 16 OF 20 YEARS AND IS A LEADER IN SCIENTIFIC CITATIONS AND FACULTY SCHOLARLY PRODUCTIVITY. ALMOST 70 SCIENTISTS IN TRAINING ARE ADDRESSING IMPORTANT ISSUES IN FIELDS SUCH NEUROSCIENCE, DRUG DEVELOPMENT AND METABOLISM, AND RECEPTOR SIGNALING. OUR TRAINEES ARE IDEALLY SUITED FOR A WIDE RANGE OF CAREERS AND OUR PROGRAM IS COMMITTED TO DEVELOPING LEADERS IN ACADEMIA, INDUSTRY AND REGULATORY AFFAIRS.

> > PLEASE VISIT OUR WEB SITE FOR INFORMATION: WWW. VANDERBILT.EDU/PHARMACOLOGY

VANDERBILT UNIVERSITY SCHOOL OF MEDICINE DEPARTMENT OF PHARMACOLOGY 23®0 AVENUE, SOUTH & PIERCE NASHVILLE, TN 37232-6600 TEL: 615-322-4189 FAX: 615-322-4289





#### **OUTSTANDING GRADUATE TRAINING OPPORTUNITIES IN:**

Clinical pharmacotherapeutics • Diagnostic imaging • Environmental and occupational health sciences • Health outcomes • Industrial hygiene • Medicinal chemistry • Medical and health physics • Molecular pharmacology • Pharmacoepidemiology • Pharmaceutics and drug delivery • Pharmaceutical manufacturing • Toxicology • Regulatory and quality compliance

#### www.pnhs.purdue.edu/grad



College of Pharmacy, Nursing, and Health Sciences





DEPARTMENT OF PHARMACOLOGY The University of Arizona College of Medicine

The Graduate Program in Medical Pharmacology at the UA College of Medicine emphasizes training students to identify the etiology of human diseases and to develop novel therapeutics to treat and diagnose disease, and to understand the fate of chemicals in the body. The Graduate Program is multidisciplinary in nature, offering both the MS and PhD degrees with opportunities for research in molecular, neural, behavioral, gastrointestinal, immunological, cardiovascular, pulmonary, cancer, and ocular pharmacology. Faculty have appointments in the Departments of Anesthesiology, Medicine, Ophthalmology, Pharmacology, Physiology, Respiratory Sciences, Surgery, the Arizona Cancer Center, and the Sarver Heart Center. A high priority is placed on using a team approach in teaching, mentoring, and research. The atmosphere fosters close collegial relationships between faculty and students, and promotes opportunities for diverse research programs that students can tailor to their academic and career goals.

For more information go to http://www.pharmacology.arizona.edu

#### MEDICAL COLLEGE OF GEORGIA

Department of Pharmacology

Historic graduate program with research in -

**Behavioral Pharmacology** 

**Cardiovascular Pharmacology** 

**Drug Discovery** 

- Neuropharmacology
- **Signal Transduction**

Innovative approaches - Modern environment Visit us at www.mcg,edu/som/phmtox or call 706-721-3384



- One of the top-rated Pharmacology programs in the country
- Outstanding facilities for biomedical research
- Faculty in the Pharmacology Training Program pursue emerging strategies in molecular therapies deriving from basic research in cell signaling and molecular cell biology

Visit our webpage to learn more about our research and student achievements:

#### www.pharmacology.med.umn.edu



Application deadline: January 15, 2010

UNIVERSITY OF MINNESOTA Driven to Discover<sup>544</sup>



- Cardiovascular Science
- Cell Biology
- Developmental and Cancer Biology
- Endocrinology
- Neuroscience
- Signal Transduction



UNIVERSITY

http://medschool.slu.edu/pharmphys



PHD IN PHARMACOLOGY AND TOXICOLOGY MA IN PHARMACOLOGY AND TOXICOLOGY COMBINED BS/MS IN PHARMACOLOGY AND TOXICOLOGY

Visit us online at www.smbs.buffalo.edu/pmy

SUNY Buffalo School of Medicine and Biomedical Sciences 102 Farber Hall \* 3435 Main Street \* Buffalo, NY 14214 Phone: 716.829.2800 \* Fax: 716.829.2801

Margarita L. Dubocovich, PhD \* Chair of the Department

#### A Multidisciplinary Ph.D. Program

Our Pharmacological Sciences program crosses disciplines of biomedical science to train graduates in the application of multiple technologies for research on mechanisms of drug action; drug discovery, design, and synthesis; and the development of novel therapeutic interventions

#### The University of Texas Southwestern Medical Center

Department of Pharmacology Pharmacological Sciences Emphasis Cell Regulation Graduate Program

For more information visit: www.utsouthwestern.edu/graduateschool/cellregulation.html

UT Southwestern Medical Center Department of Pharmacology 6001 Forest Park Road Dallas, Texas 75390-9041 214-645-6129

#### Ph.D. in Molecular, Cellular and Biochemical Pharmacology



Launch your career by completing our Pharmacology PhD degree program at the University of Cincinnati - a top tier public research university. Our doctoral program includes faculty with expertise in pharmacological areas ranging from cardiovascular, neuropharmacology, endocrine, structure/function and drug receptor pharmacology, pharmacodynamics/pharmacokinetics, pharmacogenomics, and molecular pharmacology. Students accepted into our doctoral degree program receive full tuition scholarships, competitive stipends and health insurance to live and learn in one of America's most affordable cities. Applicants, including women and underrepresented minorities, with a B.S. or M.S. degree in Biological or Life Sciences, Biochemistry, Biophysics, Chemistry, Biomedical Sciences or related disciplines are strongly encouraged to apply online (http://www.med.uc.edu/pharmacology). Also, for online application to our ASPET summer undergraduate research training program, visit: (http://www.med.uc.edu/pharmacology/aspet.surf/).

Contact: <u>Nancy.Thyberg@uc.edu</u> or phone 513-558-2333.



Students in our program conduct front-line research with world-recognized scientists in diverse areas of pharmaceutical sciences including Drug Discovery (pharmacology focusing on cardiovascular and neurological disease and substance abuse, molecular biology, computer-guided drug design, and medicinal chemistry); Drug Development (pharmacokinetics, pharmacogenomics, novel delivery methods and drug formulation); Clinical and Experimental Therapeutics (AIDS, cancer, and infectious diseases); and Pharmaceutical Outcomes and Policy (the economics, epidemiology and policy of pharmaceutical use). Much of this research is conducted with others on campus in medicine, engineering, chemistry and other disciplines. Students accepted into the program receive a stipend, paid tuition and health insurance.

The UK College of Pharmacy will move into a state-of-the-art 286,000 square-feet academic and research facility in December 2009. UK is located in Lexington, Ky., which has the third lowest cost of living in the U.S. for metropolitan areas with 100,000 to 500,000 persons and ranks 10th among cities with more than 250,000 for the percentage of bachelor's degrees among residents 25 and older. Lexington is within a day's drive of two-thirds of the population of the U.S.



Where the best do more than the rest!

For more information: pharmacy.mc.uky.edu pharmsci@uky.edu

# Ph.D. Program

The Ohio State University College of Medicine



Integrated Studies in the Biology of Human Disease



# Why Choose U-M Pharmacology for Your Ph.D.?



Department of Pharmacology

**Application Deadline:** 

December 1, 2009

Apply through the

**Biomedical Sciences:** 

www.med.umich.edu/

\*Cities Ranked & Rated by Bert Sperling and Peter Sander

U-M Program in

pibs/prospective

CONTACT US:

 Fully funded education – from tuition and health care to a relocation reimbursement and stipend for expenses, it's all covered.

- World renowned faculty our 30+ students are trained by more than 50 highly regarded and knowledgeable scientists.
- Exposure to cutting-edge translational research in:
  - Addiction
  - Cancer pharmacologyCardiovascular pharmacology
  - Drug metabolism
  - Neuropharmacology
  - Pharmacogenetics
     Signal transduction
  - Signat transduction
- Largest alumni network in the country as the original pharmacology program, U-M has a 100-year history of placing our 250 graduates in top industry, academic and government positions.
- Top 10-funded institution U-M researchers receive more than \$300 million annually in NIH grants.
- Life in #5 best city\* big city amenities on a small city scale make Ann Arbor a great place to meet people, experience diversity in culture and recreation, and enjoy the nightlife.

734-764-8165 | pharminquiries@umich.edu | www.med.umich.edu/pharmacology

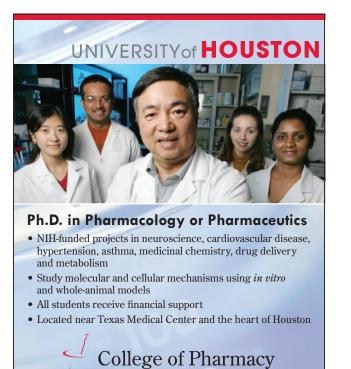
#### GRADUATE TRAINING IN PHARMACOLOGICAL SCIENCES THE UNIVERSITY OF IOWA

The Department of Pharmacology offers a nationally recognized training program that has awarded >200 Ph.D. and 100 M.S. degrees since 1931. Its graduates have gone on to distinguished careers in academia, industry and government. Twenty-one faculty members run nationally and internationally recognized research programs and use a wide variety of experimental methodologies to address contemporary issues in cellular, molecular and integrative pharmacology. Current research foci include neuropharmacology, cell signaling and cancer biology. Faculty commitment to student development is evident in the many graduate students who secure their own independent funding, and a median time-to-degree of just 5.4 years. Collaboration with laboratories in and outside the department is strongly encouraged. The University has ~30,500 students, of which 1/3 are graduate and professional students. Iowa City is diverse and offers many of the cultural attractions associated with large metropolitan areas while not sacrificing the ease of living in a university town. Applications can be submitted at

http://www.medicine.uiowa.edu/pharmacology/.

ROY J. AND LUCILLE A. CARVER College of Medicine





Department of Pharmacological & Pharmaceutical Sciences

#### 713-743-1222 gradpps@uh.edu pharmacy.uh.edu/fs/phd

The University of Utah Pharmacology & Toxicology

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

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/ or contact us at: Department of Pharmacology and

Toxicology, University of Utah Health Sciences

opportunities in the biotechnology and

Center, 30 South 2000 East, Salt Lake City, UT 84112

(801) 581-6287

#### Albany College of Pharmacy and Health Sciences

Albany College of Pharmacy and Health Sciences encourages applications to its Masters in Pharmaceutical Sciences program for students interested in drug discovery and development. The program offers two major sub-disciplines, pharmacology and pharmaceutics, and both thesis and non-thesis options are available.

Current research at the College focuses on neuropharmacology, pharmacokinetics, drug transport and delivery, nanopharmaceuticals, aging and novel treatments for systemic inflammation. Research opportunities are available at the Albany, NY campus (which includes the ACPHS Pharmaceutical Research Institute) and the Colchester, VT campus.

For more information and admissions requirements please contact:

Donna Myers Albany College of Pharmacy and Health Sciences 106 New Scotland Avenue Albany, NY 12208 518-694-7186 | 888-203-8010 graduateeducation@acphs.edu Albany College of Pharmacy www.acphs.edu AND HEALTH SCIENCES



# 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.lsuhsc-s.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/preapplicationpharmtox.html.

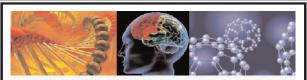
Official applications can be downloaded from the graduate school website: www.grad.uconn.edu or requested at (860) 486-3619.

#### 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 stu dents are admitted into a first year basic biomedical sciences cur riculum and commit to the program at the end of year commen surate 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 pla cental 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. train ing 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.



FASEB AdNet - The Advertising Network for the Life Sciences

#### Need to promote open positions, fellowship opportunities, programs, or conferences in pharmacology?

Advertise in the publications of the American Society for Pharmacology and Experimental Therapeutics (ASPET). Receive a FREE posting on the ASPET website for 8 weeks with a paid line ad in ASPET's member magazine *Molecular Interventions (MI)*. Recruitment and product advertising are accepted.

•*MI* is read by over 4,000 members
•Line ads, web postings, and email ads available
•Line ads only \$15 per line in *MI*•Online postings up within a couple days of order
•Email ads only \$250 per issue

•Online ad design is now available

CONTACT FASEB AdNet at 301-634-7156 or email adnet@faseb.org for ad estimate. View ASPET rate card and full media kit at www.faseb.org/adnet.





"IT DOESN'T REALLY REFLECT THE BUSINESS. IT JUST SHOWS WHEN HE TAKES HIS MOOD ELEVATORS."

# **ASPET Products Now AvailableOnline at:**

#### http://www.aspet.org/store/





# **a**spet **a**spet

#### **ASPET Stuffed Donkey:**

Cute and cuddly 9" stuffed donkey wearing an ASPET t-shirt. Members pay just \$15.00 plus shipping.

#### **ASPET T-Shirt:**

Choose from 2 styles, all sizes available. Just \$15.00 plus shipping for members.

#### **ASPET Hat:**

Beige hat with ASPET logo. Fits all sizes. Members pay \$12.00 plus shipping.

#### **ASPET Compendium:**

Special publication containing articles written for the Centennial celebration. Members pay \$25.00 plus shipping.

#### **ASPET Ornament:**

Holiday ornaments with the ASPET logo. Makes a great gift for colleagues! Members pay \$5.00 plus shippng.

#### **ASPET Wineglass:**

A commemorative wineglass celebrating ASPET's 100th Anniversary. Members pay \$5.00 plus shipping.

**ASPET Water Bottle:** Refresh yourself with an ASPET water bottle. Members pay \$10.00 plus shipping.









## **Order your ASPET Products Today!**

Above rates apply for ASPET members only. For large orders or any questions, contact Suzie Thompson, sthompson@aspet.org / 301-634-7916







April 24 – 28, 2010 Anaheim Convention Center Anaheim, California



2010°

- American Association of Anatomists (AAA)
- The American Physiological Society (APS)
- American Society for Biochemistry and Molecular Biology (ASBMB) American Society for Investigative Pathology (ASIP)
- American Society for Nutrition (ASN) 0
- American Society for Pharmacology and Experimental Therapeutics (ASPET)  $\mathbf{O}$
- S

# Abstract Deadline: Wednesday, November 4, 2009