

Stephanie Murphy, V.M.D., Ph.D., named ACLAM 2010 Comparative Medicine Scientist

Stephanie Murphy, V.M.D., Ph.D., an associate professor in the Department of Anesthesiology and Perioperative Medicine (APOM), has been named the American College of Laboratory Animal Medicine (ACLAM) Comparative Medicine Scientist for 2010. The award, which is ACLAM's highest award for scientific achievement for outstanding contributions, is given every one to three years to a scientist who has had a significant impact on the field of animal-based biomedical research through research publications, scientific reviews, lectures and collaboration with investigators.



The award will be presented to Dr. Murphy on May 3 at the ACLAM Forum Awards Dinner in Newport, R.I. Dr. Murphy is a diplomate of ACLAM and is a member of the organization's Mentoring Committee, which she previously chaired.

Dr. Murphy joined the department in 2003 and is the director of the APOM Core Animal Laboratories and Training. Her main research interest and the focus of her National Institute of Neurological Disease and Stroke (NINDS) R01 grant is to explore the role of gender and female sex steroids in perioperative stroke risk using a mouse model of anesthetic preconditioning and experimental stroke. She is also examining how male gender and testosterone act in an age-specific manner during experimental stroke in preconditioned brain. Dr. Murphy was recently awarded a pilot grant from the Portland Alcohol Research Center to explore how moderate alcohol exposure during brain development impacts male vs. female stroke outcomes as adults. Clinically, she is recognized for her expertise in animal stroke models, rodent surgery and anesthesia and breeding management of genetically engineered mouse colonies.

Dr. Murphy received her V.M.D. and Ph.D. from the University of Pennsylvania. After completing her postdoctoral fellowship in the Department of Comparative Medicine at The Johns Hopkins University School of Medicine, she accepted an appointment as assistant professor in the Department of Anesthesiology & Critical Care Medicine at The Johns Hopkins University School of Medicine.

ACLAM (www.aclam.org) advances the humane care and responsible use of laboratory animals through certification of veterinary specialists, professional development, education and research.