

# IPS <sup>The</sup> Iowa Physiological Society

## Chapter of The American Physiological Society

### Tentative Program - 14<sup>th</sup> Annual Meeting Parents Hall, Olmsted Center Drake University, Des Moines, IA

#### SATURDAY MAY 2, 2009

- 8:15 - 9:00 Breakfast, registration, poster set-up
- 9:00 – 9:05 Opening remarks and introductions
- 9:05 - 10:00 Speaker: Dr. Andrew Holmes, Section Chief, National Institute on Alcohol Abuse and Alcoholism, NIH (Sponsored by the American Physiological Society)  
*Title: "How research on mice helps us understand the genetic basis of depression and anxiety"*
- 10:00 - 10:45 Investigator presentations:  
Dr. Craig Wrenn, College of Pharmacy & Health Sciences, Drake University  
*Title: Organizational and Activational Effects of Genistein on Water Maze Performance*  
  
Dr. Alan Myers, College of Pharmacy & Health Sciences, Drake University  
*Title: Differential Regulation of Drug Metabolizing Enzymes Expression by Oxycodone*
- 10:45 - 11:30 Break and poster viewing
- 11:30 - 12:30 Speaker: Dr. Robert Shumaker, Research Director, Great Ape Trust, Des Moines, IA. (Sponsored by the Iowa Physiological Society)  
*Title: Understanding Orangutans, the Neglected Ape - Perspectives on Behavior, Cognition, and Conservation*
- 12:30 – 1:30 Lunch and poster viewing
- 1:30 - 2:30 Speaker: Dr. Andrew King, DVM, PhD, Associate Research Investigator, Integrative Pharmacology, Abbott Laboratories (sponsored by DSI)  
*Title: "Chronic Measurement of Arterial Pressure in Small Laboratory Animals"*
- 2:30 - 3:15 Investigator presentations:  
Dr. Joseph Weir, Physical Therapy/Exercise Physiology, Des Moines University  
*Title: Autonomic Responses to the Cold Face Test in Spinal Cord Injury*  
  
Eric Nau, Research Associate, Integrative Physiology, University of Iowa.  
*Title: Mechanisms for Tissue Repair using Bone Marrow-Derived Cells in Ischemic Murine Hind Limb*
- 3:15 - 4:00 Break with snack, poster viewing and award scoring
- 4:00 - 4:30 Special topic: Science education  
Dr. Gina Schatteman, AAAS Science & Technology Fellow, Office of Science Education, NIH  
*Title: "Scientists in Science Education: Why we should care about K-12 Education"*
- 4:30 - 4:45 Poster award presentations and closing remarks
- 4:45 – 5:00 IPS business meeting