

## **OFFSITE AALAS DISTRICT 8 2009 WORKSHOPS**

AALAS District 8 and ISIS Services are proud to offer a variety of progressive workshops to promote animal welfare, professional development, and quality science. A complimentary shuttle service will be available at the convention center to take attendees to and from the workshop location. Attendees will be expected to provide proof of workshop registration and a valid picture ID at the time of the event.

For the safety and comfort of participants, surgical scrub coverings will be required for all workshop events. You are encouraged to come in your own scrub attire or utilize the coverings and changing room available at ISIS Services. Please follow any and all guidelines regarding the wearing of proper personal protective equipment (PPE) during these workshops.

### **(WS-01) Hands-on Mouse Necropsy – Advanced**

Workshop Time: 08:00 to 10:10 A.M.

Shuttle Departure Time: 07:15 A.M. from convention center

Workshop Fee: \$90

Workshop Limit: 6 minimum; 12 maximum

This workshop will provide participants a quick and thorough necropsy of the mouse using a consistent method to guarantee maximum and ideal data collection. Instructors will demonstrate the finer points associated with mouse necropsy, tissue fixation and trimming for histological analysis. In addition to each participant performing his/her own mouse necropsy, pre-fixed tissues will be provided for instruction on trimming and ideal orientation in cassettes. Overhead projection of histological images of the various mouse organs will be used as aids to demonstrate proper orientation and fixation. The advanced mouse necropsy lab is an ideal course for research staff, veterinary and pathology technicians.

### **(WS-02) Humane Handling and Laboratory Techniques in Ferrets**

Workshop Time: 08:00 to 10:10 A.M.

Shuttle Departure Time: 07:15 A.M. from convention center

Workshop Fee: \$90

Workshop Limit: 6 minimum; 12 maximum

Could you stand to improve your knowledge and skill with ferrets? Let the experts guide and assist you with the latest techniques with this not-so-common laboratory species. Take the opportunity to introduce yourself to this intriguing animal or take advantage of improving/adding to your skill set. During this course participants will be able to handle, anesthetize, and perform routine blood collection and injections on ferrets. This workshop is suited for all backgrounds and experience levels.

### **(WS-03) Hands-on Vascular Perfusion of Rats - Advanced**

Workshop Time: 09:00 to 11:10 A.M.

Shuttle Departure Time: 08:15 A.M. from convention center

Workshop Fee: \$90

Workshop Limit: 6 minimum; 12 maximum

Proper tissue fixation is essential to many laboratory investigations. This vascular perfusion workshop will emphasize hands-on learning of effective anesthetization and tissue fixation of the rat model. The course will start with an overview of anesthetic regimens, perfusion rates and materials recommended for multiple species. Participants will have a hands-on opportunity to alternate and learn from knowledgeable instructors various techniques for effective anesthetization, preparation, and technique for vascular perfusion of rodents. Multiple stations will utilize formalin fixative and will require the use of the appropriate personal protective equipment, fume evacuation and waste management. This workshop is suited for all backgrounds and experience levels.

**(WS-04) Surgical Implantation of Osmotic Mini-pumps in Mice - Advanced**

Workshop Time: 09:00 to 11:10 A.M.

Shuttle Departure Time: 08:15 A.M. from convention center

Workshop Fee: \$90

Workshop Limit: 10 minimum; 15 maximum

Osmotic minipumps are used to continuously deliver a wide variety of agents over time. This workshop will give hands-on experience implanting osmotic minipumps into laboratory animals. Pump demonstrations will include subcutaneous and intraperitoneal implantations, intravenous cannulations, and tentatively ICV cannulations. Participants will learn the functionality of the pumps, benefits of infusion over injection, and surgical and cannulation techniques in rats and mice. This workshop is suited for all backgrounds and experience levels.