WETLAB DESCRIPTIONS

Lab # 1 - “Interventional Radiology”

Minimally invasive and 'least invasive' procedures continue to be developed in lieu of more invasive, open cavity procedures. One rapidly developing area of least invasive procedures includes interventional radiology procedures in which guidewires and catheters are used to gain access to various organs. Familiarity with various guidewires and catheters is necessary for safe and effective access to areas such as the kidney, liver, pancreas, intestine, heart and peripheral vessels. This hands-on workshop will provide basic knowledge of various guidewires and catheter types that can be used in these procedures. In addition, the workshop will include a discussion and demonstration of various devices used for interventional treatment and model development such as angioplasty balloons, intravascular stents and embolization coils. Space is limited and fluoroscopy will be used during this lab.

Venue – University of South Florida (Transportation provided)
Instructor – Dr. Michael Talcott, Washington University School of Medicine
Date – 9/28/07
Time - 7:30 – 12:00
Limit – 6 attendees
Fee - $350

Lab # 2 - “Hands-on Implantable Intra-Pleural Pressure and Bladder Pressure Telemetry Techniques for Small Laboratory Animals: Rats”

Attendees will implant pressure transmitters in standard laboratory models using novel surgical approaches that support chronic intra-pleural and chronic bladder pressure measurement. Live surgical demonstrations and discussions will review rodent telemetry surgical implantation techniques and the most recent research approaches for assessment of intra-pleural and bladder pressure. Emphasis will be on learning practical skills and methods from experienced instructors. Participants will learn surgical skills and details of telemetry catheter and transmitter body implantation in the laboratory rat. A working telemetry data acquisition and analysis equipment system setup and computerized collection of recovered animal data will be demonstrated. This small group workshop setting encourages and supports dialogue between instructors and participants.

Venue – University of South Florida (Transportation provided)
Instructors - Dan Huetteman and Heather Michelau, Data Sciences International
Date – 9/28/07
Time - 7:30 – 12:00
Limit – 12 attendees
Fee - $275

Lab # 3 - "Anesthetic Equipment - How to Set Up, Tear Down, Repair and Maintain Your Anesthesia Machines and Vital Signs Monitors”.

This hands-on workshop will provide the attendee the opportunity to learn how their equipment really works. Attendees will work with an anesthesia system Technical Coordinator from SurgiVet - Smiths Medical in a comprehensive examination of an anesthesia machine and a vital signs monitor.

Venue – Clearwater Hilton
Instructor – Dave Ishmael, SurgiVet - Smiths Medical
Date - 2 sessions on 9/29/07
Time – 8:00-11:00 or 1:00-4:00
Limit - 10 attendees per session
Fee - $200