



# CONFERENCE WET LABS

## Small Animal Ophthalmic Diagnostics and Techniques

Sunday, June 1, 2008 ■ 2:30—5:00 pm

Amy Rankin

This lab will include discussion and use of equipment for:

- Schirmer Tear Tests
- Neuro-ophthalmology
- Fluorescein Staining
- Nasolacrimal Duct Flushing
- Tonometry
- Direct/Indirect Ophthalmoscopy

## New Technologies in Wound Closure Hands-on Lab for Suturing

Monday, June 2, 2008 ■ 4:00—5:30 pm

Greg Brown

Suturing as an Implant or Class II and Class III Medical Device  
 What Surgeons Value in Suture Materials  
 Suture Classifications  
 Critical Wound Healing  
 Practice Your Suturing Skills!

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## Round Cell Tumors of Dogs and Cats: A Cytology Review

Monday, June 2, 2008

8:00 am lecture ■ 10:00 am Lab

Lisa Pohlman


Cytology preparations will be reviewed. Topics covered in discussion will include 1) slide preparation (how to maximize the likelihood of a diagnostic sample), 2) slide assessment and 3) interpretation of findings.

## Ultrasound of the Equine Abdomen

Tuesday, June 3, 2008 ■ 8:00 am

Elizabeth Davis

Participants in this lab will examine the normal horse to evaluate structures such as the liver, kidney, spleen and gastrointestinal tract. Examination will also include evaluation and measurement of wall thickness of the small intestine and large colon.

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# Molecular Diagnostics in Veterinary Medicine: What Practitioners Need to Know

Tuesday, June 3, 2008 ■ 8:00 am—5:00 pm

Richard Oberst

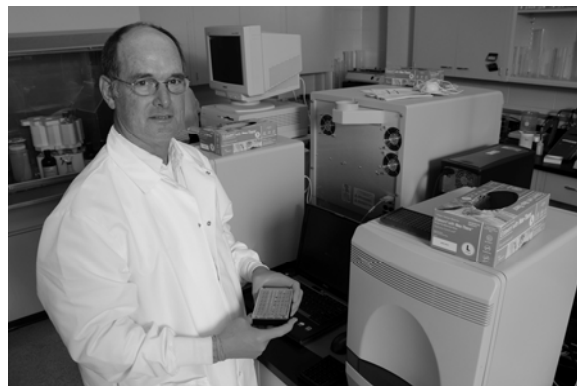
Join us at the Biosecurity Research Institute to learn about molecular diagnostics! Presentations, demonstrations and hands-on opportunities will focus on general concepts, practical applications and commercial products.

Learn how to implement the 6-step process for accurate molecular diagnostic results:



- 1) ask the right question
- 2) sample collection
- 3) sample preparation
- 4) amplification
- 5) detection
- 6) interpretation/results

Participants will focus on strategies for sampling and preparing the sample for nucleic acid recovery, focus on nucleic acid amplification by PCR and instrumentation, and use kits, reagents and equipment to see how the technologies are integrated into molecular diagnostic systems.



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