

**2011 Meeting of the AAVA
Cornell University College of Veterinary Medicine**

All lectures will be held in Lecture Hall III on the first floor of the Veterinary Research Tower
Continental breakfasts, breaks and lunches will be located in the Hagan Room

Saturday, August 6th

- Afternoon Local Outing (Ornithology Lab)
- 6:00-6:30 p.m. Tours of Cornell University Hospital for Animals
- 6:30-8:00 p.m. **Welcome Reception and Registration in the Atrium**

Sunday, August 7th

- 8:00-8:20 a.m. Continental Breakfast
- 8:20-8:40 a.m. Welcome – Dr. David Sims, AAVA President and Cornell Anatomists
- 8:40-9:00 a.m. Donald Smith – History of Veterinary Education
- 9:00-10:00 **Exotics/Comparative**
- Howard Evans
The pharyngeal teeth of the Goldfish and its relatives
- Hrvoje Smodlaka
Histology and infrared thermography of the skin, skin appendages and their role in heat dissipation in three pinniped species
- Ismael Concha
*Anatomical description of the lungs of Burmeister's porpoise (*Phocoena spinipinnis*)*
- Mohommad Alzghoul – *Arabian Oryx Trachea: A Quantitative and Morphometric Analysis* (presented as a poster in the Hagan room)
- 10:00-10:20 a.m. Break and Poster Viewing

10:20-12 noon

The Anatomical Learning Environment of the Future

Linda Mizer

A Firm Anatomical Foundation for a Fluid Veterinary Class Dynamic

Nong Inpanbutr

Wiki, An Approach to Promote Critical-Thinking & Team-Building Skills, and Sharing Different Dissection Styles in Teaching Canine Anatomy

Briedi Gillespie

Facing the Challenges of Increasing Class Size without Compromising Quality: Changes in the Gross Anatomy Curriculum at Ross University

Judy Klimek

Using a course message board to promote active learning and practical application of content in a veterinary anatomy course

Group Discussion

12:00-1:00 p.m.

Lunch

1:00-2:00 p.m.

Research Papers

Cornelia Farnum

Orientation of Primary Cilia in Articular Cartilage: Looking Back 30-Years to Find Answers

Baljit Singh

Angiostatin Inhibits Acute Lung Injury

Baljit Singh

Expression of TLR 9 in lung and role in barn air inflammation

Shankaramurthy Channabasappa

Expression of retinoid receptors in canine lung and effects of retinoic acid on canine neutrophil apoptosis

2:00-3:10 p.m.

Tours of the Gross Laboratory and Modular Resource Center

3:10-3:30 p.m.

Break

3:30-5:00 p.m.

Business Meeting (LH III)

6:15 p.m.

Banquet at the Museum of the Earth

Monday, August 8th

8:00-8:20 a.m. Continental Breakfast – Hagan Room

8:20-8:30 a.m. Welcome – Dr. Michael Kotlikoff, Austin O. Hooey Dean of Veterinary Medicine

8:30-10:15 a.m. **Visualizing Anatomy in 3-D**

Rebecca Williams
3D optical imaging of tissues

Mark Riccio
Life Sciences Research and Education using Non-Invasive 3D/4D Micro Computed Tomography (Micro CT)

Cheri Roberts
The Glass Dog

Christoph von Horst
User-Oriented Plastination

Peter Scrivani
Imaging Anatomy

Luis Campoy
Anatomy at Work: Locoregional Anesthesia

10:15-10:30 a.m. Break

10:30-12:15 p.m. **Advances in Animal Development**

Drew Noden
New Discoveries Related to Head and Heart Development

Huseyin Cagatay Yalcin
Hemodynamic Patterning of Normal and Abnormal Heart Development

Ian Welsh
The transcriptional and cellular basis of asymmetric organ morphogenesis

Cornelia Farnum
The Ups and Downs of Postnatal Bone Growth: Key Checkpoints within the Growth Plate for Modulating Rates of Elongation

Discussion – How is your college integrating embryology into the veterinary curriculum?

12:15-1:10 p.m. Lunch

1:10-1:50 p.m. Katherine M. Edmondson, Assistant Dean for Learning and Instruction
Outcomes Assessment, Competency, and Student Learning
Discussion

1:50-2:20 p.m. Tours of the Wet and Dry Laboratories, Library and Tutor Rooms

2:20-2:40 p.m. Break

2:40-3:50 p.m. **Evaluating Student Learning**

Paul Maza
Comparison of gross anatomy test scores using traditional specimens vs. QuickTime Virtual Reality animated specimens

Judy Klimek
Using group examinations to enhance learning in gross anatomy

Marnie FitzMaurice
Interactive in-class quizzes to address misconceptions and engage students in active learning

Discussion

~ 4:00 p.m. Depart from Cornell for Taughannock Falls State Park

Taughannock Falls Gorge Hike

Swimming and Barbeque at the Ithaca Yacht Club