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**Quotables:**

The most exciting phrase to hear in science, the one that heralds the most discoveries, is not "Eureka!" (I found it!) but "That's funny..."

~ Isaac Asimov

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**A special note from the Chair.** I would like to take this opportunity to acknowledge and personally thank the GRAPES organization for their hard work with the recent BBS Symposium. GRAPES was largely responsible for the organization of the Symposium this year from start to finish. This required a great deal of effort and dedication in addition to their full schedules in courses, clinics and in the laboratory. I think it is safe to say that the Symposium was a remarkable success with a wonderful turn out of students and faculty. Please join me in congratulating the graduate students, residents and postdocs from GRAPES for a job well done. I was particularly proud to hear the keynote speaker, Dr. Michael Welsh, comment to me what an outstanding group of trainees we have. Thanks for all of the effort!

— Dr. Mark Roberson

**Student Speakers**

- Ashley Woods—Ultrasonography and microRNA arrays: a unique tool set for investigating feto-placental defects in the BPH/5 mouse model of pre-eclampsia (PE).


- David Infanger—Localized knockdown of Nox4-NADPH oxidase in the paraventricular nucleus (PVN) normalizes sympathoexcitation and improves cardiac function following myocardial infarction.

- Yeunhee Kim—Production of donor-derived sperm after spermatogonial stem cell transplantation in the dog.

**Poster Session Winners**

- Kim Holloway—MUS81 Generates A Subset Of MLH1-MLH3 Independent Crossovers In Mammalian Meiosis

- Xia Xu—Lung Cancer induction by widespread overexpression of ribonucleotide reductase in transgenic mice.

- Stephanie Yazinski—ROLES FOR THE CHECKPOINT PROTEIN HUS1 IN TUMOR SUPPRESSION

- David Corney—Characterization of miR-34: a p53-regulated microRNA family

**Keynote Speaker**

Dr. Michael Welsh - Development of New Models to Probe Cystic Fibrosis
**Grants**

- The **Roberson lab** recently renewed an NIH grant entitled “Molecular analysis of GnRH action”.

- **Dr. Elizabeth Cherry** was awarded an NSF grant: BRIGE: Contribution of Purkinje fiber dynamics to ventricular fibrillation, for 8/15/08-7/31/10

- **Drs. Gerald Duhamel** and **Robert Weiss** were awarded a collaborative research program grant from the College of Veterinary Medicine for their project entitles “Mechanism of Helicobacter and Campylobacter Cytotoxicity in a Mouse Model of Defective DNA Repair”.

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**Notables**

**Dr. William Hansel**

Over 60 years of research and teaching by Dr. William Hansel has contributed to a better understanding of reproductive function of dairy cattle, especially the timing of the estrous cycle. His pioneering research has provided much of the present knowledge about the physiology of dairy cattle reproduction and led to the development of on-farm practices that have increased the profitability of U.S. dairies. At 90 years old, Hansel currently lives in Baton Rouge, La., where he continues to hold a professorship at the Pennington Biomedical Research Center at Louisiana State University. Prior to coming to LSU in 1983, Hansel spent nearly 40 years leading ground-breaking research in the field of dairy reproductive physiology at Cornell University. Understanding the regulation and function of the corpus luteum forming on the ovary after ovulation has been a major theme of Hansel’s research career. His discoveries have led to management recommendations regarding estrus detection, the timing of insemination in relation to estrus, and postpartum reproductive function. Hansel also led the way in the development of estrous cycle synchronization methods. He improved techniques and procedures in culturing bovine embryos that ultimately led to future advancements in biotechnology. Hansel was the recipient of numerous funds from competitive grants programs and has also been honored with many awards for his research.

Do you recognize this fellow? The above article appeared in the August edition of The Chronicle, the official newsletter of National Dairy Shrine.

Dr. Bhupinder Singh, clinical veterinarian in the Cornell Center for Animal Resources and Education (CARE), just received board certification in the American College of Laboratory Animal Medicine (ACLAM). Dr. Singh received his Master of Veterinary Science degree from Punjab Agricultural University in 1996, and his Educational Commission on Foreign Veterinary Graduates Certificate from Cornell in 2004. After a post-doctoral residency in Laboratory Animal Medicine at Yale, he joined CARE in July 2007. Well done, Bhupinder!
Publications


The Primary Cilium of Connective Tissue Cells: Imaging by Multiphoton Microscopy

Drs. Eve Donnelly, Rebecca Williams and Cornelia Farnum

The Anatomical Record 291:1062-1073, 2008

This is part of a special mini-issue of Anatomical Record with papers about the primary cilium from the 37th International Sun Valley Workshop on Skeletal Biology where Eve presented a poster. The cover image is from Eve Donnelly's postdoctoral work on primary cilia in tenocytes.

Notables (cont.)

Dr. Bob Weiss after his decisive victory over team "Better than Bob" composed of Ian Welsh (O'Brien lab), Steve Rodriguez (Lin lab), and Mitsu Yoshida (Lin lab) at the 2008 Cayuga Lake Triathlon.
Seminars

The Graduate Field of Molecular and Integrative Physiology
Animal Physiology & Anatomy (BioAP 7200)
will start Thursday, September 4th at 3:00pm in LH3 (VRT).

A schedule of speakers and topics can be viewed at:
http://www.vet.cornell.edu/biosci/seminars/physiology.htm

Animal Welfare (Canine Learning) BioAP 7150
1 credits
Fall 2008, Meeting Time TBA (organizational meeting Sept 3 in Vet College atrium at 5:30pm)

Lecture/Discussion Topics
Can dogs learn from humans?
Can dogs learn from one another?
What do dogs understand?
Are canine learning processes different from wolves, horses, cats?

Let the Learning Begin!
SEPTEMBER 16
DR. ARI MELNICK
Associate Professor
Division of Hematology and Oncology, Department of Medicine
Weill Medical College of Cornell University, New York, NY
http://www.med.cornell.edu
**Integrative epigenomics reveals the pathophysiology of acute leukemia**

Hosted by Dr. Paula Cohen, 253-4301, paula.cohen@cornell.edu
(Dr. Melnick’s CV can be obtained in Dr. Cohen’s office)

SEPTEMBER 23
DR. C. OWEN LOVEJOY
University Professor of Anthropology
Division of Biomedical Sciences and Department of Anthropology
Northeast Ohio Universities College of Medicine
Kent State University, Kent, Ohio
http://dept.kent.edu/anthropology/lovejoy.html
**The Natural History of Upright Walking: Evidence from the Human Fossil Record**

Hosted by Dr. Cornelia Farnum, 253-3543, cef2@cornell.edu
(Dr. Lovejoy’s CV can be obtained in Dr. Farnum’s office)

SEPTEMBER 30
DR. SÖNKE JOHNSEN
Associate Professor, Biology Department
Duke University, Durham, NC
http://www.biology.duke.edu/johnsenlab
**Hidden in Plain Sight: The physics and ecology of organismal transparency**

Hosted by Dr. Ellis Loew, 253-3484, erl1@cornell.edu
(Dr. Johnsen’s CV can be obtained in Dr. Loew’s office)