

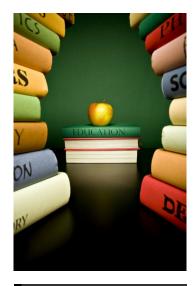
## Points of Interest

in Biomedical Sciences

Newsletter Date: July/August 2012

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#### Quotables:

The whole purpose of education is to turn mirrors into windows.

~Sydney J. Harris



On Saturday, May 5, 2012 the Davisson, Cohen and Weiss labs participated in the Zeppy 5K Run at the Cornell Plantations. The three labs decided to have a little friendly inter-lab competition between them. The Cohen lab was beaten fair and square and will plan to host a future Happy Hour for the three labs!



Congratulations to Amy Lyndaker who won the Best Oral Presentation Award at the Reproductive and Developmental Genomics Retreat for her presentation:

Metastatic testicular cancer induction in postnatal mouse germ cells



### **Gavin Hitchener**

I'm originally from a small town in Vermont. I completed my BS. in Animal Science at the University of Vermont. I went to veterinary school at Western University of Health Sciences in southern California, where I gained a strong interest in anatomic pathology. I would like to work with foreign animal diseases after completing this residency at Cornell. When I'm not at work I enjoy fishing and other outdoor activities. It's great to be back on the East coast and I'm very happy to be a member of the Cornell community.

## Meegan Larsen

I am a Canadian at heart, despite living several years of my life in New Hampshire and California. My veterinary training in both clinical medicine and anatomic pathology was done in Guelph, Ontario, Canada. I'm excited to join the department for a final year of residency training. I run and bike a lot and enjoy other outdoor activities - hiking, snow shoeing, cross-country skiing. I also like to cook. I hope to explore some of the outdoors in and around Ithaca with my husband and son during my year at Cornell.



### **Anabell Montiel-Del Valle**



I am from Mexico, I grew up in the Sonoran Desert and went to school and graduate from the Autonomous University of Baja California, near the border with California. Besides anatomic pathology I enjoy cooking, picnics, hiking, travel and movies. Even though I am far away from home I am very happy and excited of being part of the diagnostic team here at Cornell.

## Rebecca Ruby

I was born and raised in California, attended UC Davis for my undergraduate and master's degree. I then moved to New Zealand to go to vet school. I enjoy hiking, running, baking and pathology! I spent 6 months in Lexington, KY between vet school and coming to Cornell working as an equine internal medicine fellow.



## Jimmy Tran

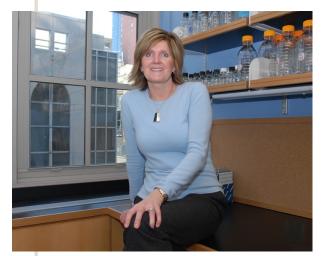


I am from Sydney Australia where I went to school and graduated from the University of Sydney in 2009 with a BVSc and BSci(vet). After graduating I worked at the state veterinary diagnostic laboratory as a trainee diagnostician for 2 years dealing primary with large animal cases. Wanting to pursue my interest in pathology I came to Cornell to do an anatomical pathology residency. Cornell felt ideal as it sees a large and varied caseload and I can be exposed to many diseases exotic to Australia. My other interests include travelling and photography.

### Welcome to our new Anatomic Pathology Residents!

#### CONGRATULATIONS!

Please join us in congratulating Dr. Robin Davisson on her recent appointment as an AD White



Professor. This outstanding honor is in recognition of Robin's research excellence and remarkable contributions to the Department, College and University. Congratulations Robin!

Dr. Robin Davisson was chosen as the 2012 Student Choice Speaker by the graduate students in the Department of Pharmacology and Experimental Therapeutics at LSU Health Sciences Center, New Orleans, L.A., for her seminar entitled:

"ER Stress, Oxidant Stress, and Hypertension: It's all in your Head"

on May 7.

Jenny Sones, graduate student in the Davisson Lab, was selected to give a special oral presentation (1 of 4 young investigators selected) for her abstract entitled:

"Asynchronous Peri-Implantation Events Characterize a Mouse Model of Preeclampsia, BPH/5"

at the Fetal Programming and Environmental Exposures: Implications for Prenatal Care and Pre-Term Birth Conference on June 12, 2012 at the New York Academy of Sciences in New York City.

Jenny was also awarded an American Heart Association 2-Year Postdoctoral Fellowship starting July 1, 2012 for her proposal:

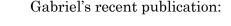
"Role of asynchronous embryo-uterine interactions during the peri-implantation period in a mouse model of preeclampsia".



Congratulations, Jenny!



Congratulations to Gabriel Balmus for passing his B-Exam on July 2nd!





Disease severity in a mouse model of ataxia telangiectasia is modulated by the DNA damage checkpoint gene Hus1.



was also featured on the cover of Human Molecular Genetics!



#### **PUBLICATIONS**

- Balmus, G., M. Zhu, S. Mukherjee, A. M. Lyndaker, K. R. Hume, J. Lee, M. L. Riccio, A. P. Reeves, N. B. Sutter, D. M. Noden, R. M. Peters and R. S. Weiss (2012). "Disease severity in a mouse model of ataxia telangiectasia is modulated by the DNA damage checkpoint gene Hus1." Human molecular genetics 21(15): 3408-3420.
- Beyenbach, K. W. (2012). "A dynamic paracellular pathway serves diuresis in mosquito Malpighian tubules." Annals of the New York Academy of Sciences 1258(1): 166-176.
- Capone, C., G. Faraco, C. Coleman, C. N. Young, V. M. Pickel, J. Anrather, R. L. Davisson and C. Iadecola (2012). "Endothelin 1-dependent neurovascular dysfunction in chronic intermittent hypoxia." <u>Hypertension</u> **60**(1): 106-113.
- Caserto, B. G. and K. A. Almes (2012). "Pathology in practice. Primary hepatic chondroblastic osterosarcoma." <u>Journal of the American Veterinary Medical Association</u> **240**(9): 1067-1069.
- Clark, P. A., J. L. Brown, S. Li, A. K. Woods, L. Han, J. L. Sones, R. L. Preston, T. L. Southard, R. L. Davisson and M. S. Roberson (2012). "Distal-less 3 haploinsufficiency results in elevated placental oxidative stress and altered fetal growth kinetics in the mouse." <u>Placenta</u>.
- Hicks, M. J., J. B. Rosenberg, B. P. De, O. E. Pagovich, C. N. Young, J. P. Qiu, S. M. Kaminsky, N. R. Hackett, S. Worgall, K. D. Janda, R. L. Davisson and R. G. Crystal (2012). "AAV-Directed Persistent Expression of a Gene Encoding Anti-Nicotine Antibody for Smoking Cessation." <u>Science translational medicine</u> 4(140): 140ra187.
- Horibata, S., S. A. Coonrod and B. D. Cherrington (2012). "Role for peptidylarginine deiminase enzymes in disease and female reproduction." The Journal of reproduction and development 58(3): 274-282.
- Meyers-Wallen, V. N. (2012). "Gonadal and sex differentiation abnormalities of dogs and cats." Sexual development: genetics, molecular biology, evolution, endocrinology, embryology, and pathology of sex determination and differentiation 6(1-3): 46-60.
- Risebro, C. A., L. K. Petchey, N. Smart, J. Gomes, J. Clark, J. M. Vieira, J. Yanni, H. Dobrzynski, S. Davidson, Z. Zuberi, A. Tinker, B. Shui, Y. I. Tallini, M. I. Kotlikoff, L. Miquerol, R. J. Schwartz and P. R. Riley (2012). "Epistatic Rescue of Nkx2.5 Adult Cardiac Conduction Disease Phenotypes by Prospero-Related Homeobox Protein 1 and HDAC3." <u>Circulation research</u> 111(2): e19-31.
- Stover, P. J. and R. S. Weiss (2012). "Sensitizing Cancer Cells: Is It Really All about 10?" Cancer Cell 22(1): 3-4.
- Wang, E. E., H. Li, S. Wang, A. Y. Chuang and H. H. Chuang (2011). "Induction of TRPVI desensitization by a biased receptor agonist." <u>Channels</u> 5(6): 464-467.

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The Points of Interest Newsletter is published bi-monthly by the Department of Biomedical Sciences of the College of Veterinary Medicine at Cornell University Administrative Staff in The College of Veterinary Medicine are invited to Administrative Networking Lunches (you bring your lunch - Beverage and Cookies provided). These luncheons are held once a month. Our next Administrative Networking Lunch will occur on September 11th in the Hagan Room.

#### DEPARTMENT OF BIOMEDICAL SCIENCES SEMINAR SERIES

#### WEDNESDAY, AUGUST 29, 2012 CANCER BIOLOGY SEMINAR

12:00PM – 1:00PM, MURRAY LECTURE HALL I, VETERINARY EDUCATION CENTER

#### DR. CHAND KHANNA

Senior Scientist

Center for Cancer Research - Pediatric Oncology National Cancer Institute Bethesda, MD "A Comparative Approach to Cancer Biology and Therapy"

#### TUESDAY, SEPTEMBER 4, 2012 CANCER BIOLOGY SEMINAR

4:00PM – 5:00PM, LECTURE HALL III, VETERINARY RESEARCH TOWER

#### DR. ALEA MILLS

Professor

Cold Spring Harbor Laboratory
Cold Spring Harbor, NY
"CHD5: Chromosome Engineering, Chromatin
Dynamics, and Cancer"

#### MONDAY, SEPTEMBER 10, 2012 CANCER BIOLOGY SEMINAR

4:00PM – 5:00PM, LECTURE HALL III, VETERINARY RESEARCH TOWER

#### DR. RALPH DEBERARDINIS

Assistant Professor

Sowell Family Scholar in Medical Research Children's Medical Center Research Institute University of Texas Southwestern Medical Center Dallas, TX

"Intermediary Metabolism and Cancer: Cell Biology and Translational Opportunities"

#### TUESDAY, SEPTEMBER 11, 2012 SPECIAL SEMINAR

#### DR. CYNTHIA LEIFER

# RECIPIENT OF THE 2012 PFIZER ANIMAL HEALTH AWARD FOR RESEARCH EXCELLENCE

Associate Professor

Microbiology and Immunology

Cornell University College of Veterinary Medicine Ithaca, NY

"Innate Immune Receptors: When a good thing goes bad."

Wine and cheese reception to follow outside Lecture Hall III

#### TUESDAY, SEPTEMBER 18, 2012

#### DR. ANDREW YEN

Professor

Department of Biomedical Sciences Cornell University College of Veterinary Medicine Ithaca, NY

"Seminar Title to be Announced"

#### FRIDAY, SEPTEMBER 28, 2012 CANCER BIOLOGY SEMINAR

12:00PM – 1:00PM, BOYCE THOMPSON AUDITORIUM

#### EGEDR. CHERYLLONDON

Associate Professor

The Thekla R. and Donald B. Shackelford
Professorship in Canine Medicine
Department of Veterinary Biosciences
Ohio State University - College of Veterinary

Medicine Columbus, OH

"Seminar Title to be Announced"