

POINTS OF INTEREST

DEPARTMENT OF BIOMEDICAL SCIENCES

Congratulations to our own Dr. Bob Weiss who, along with Bob Riter, executive director of the Cancer Resource Center, accepted a Town-Gown Award for his work connecting doctoral students working in Cancer research with cancer patients and support groups in the community.

<http://pawprint.cornell.edu/?q=articles/2013/12/town-gown-partnerships-celebrated-with-awards>



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Congratulations to Colin Young and Catharine Clark on the birth of their daughter Kellan Grace Young born on December 7, 2013 at 12:40am. Kellan weighed 6lbs. 9oz.

a baby girl!

Miguel Briño-Enriquez

The Cohen lab would like to introduce and welcome a new postdoctoral fellow: Miguel Briño-Enriquez. Miguel received his medical degree from Autonomous University of San Luis Potosi, Mexico, and his PhD from Autonomous University of Barcelona, Spain. His graduate research focused on the study of molecular and cytogenetic effects of endocrine disrupting chemicals on human fetal oocytes. During the last two years, he was working as a postdoctoral researcher at the Laboratory of Molecular Biology of Gametogenesis CIB-CSIC, Madrid, Spain. His postdoctoral studies focused on the role of small RNAs in gonadal development as well as the effects of endocrine disruptors on miRNA profile in mouse primordial germ cells. While at Cornell, Miguel will be working with Kim Holloway on her studies of NIMA-like kinase-1 in germ cell development. Welcome, Miguel!



Erica Sloma

I started in Dr. Andrew Miller's lab in January, and I'm happy to be back at Cornell after a year away. Previously I worked at The Baker Institute in Dr. Colin Parrish's lab. I look forward to applying my molecular biology experience to Dr. Miller's work on canine cancer as well as learning from his considerable experience with immunohistochemistry. I'm very excited about our current project phenotyping canine meningiomas and glial tumors. When I'm not working I like hanging out with my horses and my cats and enjoying the outdoors.

Alex Molesan

I graduated from Wagner College's Microbiology Graduate program in May and joined Dr. Katie Kelly's lab this past November. My background is based around molecular biology with a focus on microbial motility so I am excited to broaden my scientific horizon and begin working in the field of cardiology. Moving to Ithaca from Staten Island has been an eye opening experience in and of itself and the department of Biomedical Science has been warm and welcoming ever since my transition here.



REPRESENTIN' BIOMEDICAL SCIENCES



Dr. Robin Davisson served as Guest Editor for a special Forum Issue on "Emerging Concepts in Hypertension" in the journal *Antioxidants & Redox Signaling*. The Forum consisted of 6 review articles from world experts on the topic, along with Dr. Davisson's editorial published in the January, 2014 issue (*Antioxid. Redox Sig.* 20:69-73, 2014).

Dr. Robin Davisson has been elected as a Fellow of the American Association for the Advancement of Science (AAAS), announced in the November 29 issue of Science. The induction ceremony is February 15, 2014 in Chicago.

Cornell Chronicle Press Release November 25, 2013

<http://www.news.cornell.edu/stories/2013/11/eight-faculty-named-aaas-fellows>

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We're on the Web!
<http://www.vet.cornell.edu/biosci/>



BIOMEDICAL SCIENCES DEPARTMENTAL SEMINAR SERIES

THURSDAY, FEBRUARY 27

Special Seminar - Note: Change in Day/Time/Place
11:00am-12:00pm VEC Lecture Hall I

Dr. Andrew White

Postdoctoral Fellow
Molecular, Cell, and Developmental Biology
University of California - Los Angeles
Los Angeles, CA

"Epidermal Stem Cells and the Genesis of Squamous Cell Carcinoma"

MONDAY, MARCH 3

Special Seminar - Note: Change in Day/Time/Place
11:00am-12:00pm VEC Lecture Hall II

Dr. Jacqueline Barlow

Postdoctoral Fellow
Laboratory of Genome Integrity
National Cancer Institute, NIH
Bethesda, MD

"A Novel Class of Early Replicating Fragile Sites Contribute to Genome Instability in B Cell Lymphoma"



TUESDAY, MARCH 4

Dr. Ewelina Bolcun-Filas

Research Scientist
Department of Biomedical Sciences
College of Veterinary Medicine, Cornell University
Ithaca, NY
"Genetic Quality Control in Gametogenesis"

TUESDAY, MARCH 11

Dr. Georgios Karras

Postdoctoral Fellow
Whitehead Institute for Biomedical Research
Cambridge, MA
"Chaperoning Evolvability from Yeast to Cancer Cells"

GRANTS

R-01 NIH/NIGMS

"Comprehensive Characterization of Canine Genomic Structural Diversity".

National Geographic Society

"Tracking the Descendants of Ancient Pacific Island Dogs".

- both from the Boyko laboratory

PUBLICATIONS

- Auton, A., Y. Rui Li, J. Kidd, K. Oliveira, J. Nadel, J.K. Holloway, J.J. Hayward, P.E. Cohen, J.M. Greally, J. Wang, C.D. Bustamante, and A.R. Boyko, *Genetic recombination is targeted towards gene promoter regions in dogs*. PLoS genetics, 2013. **9**(12): p. e1003984.
<http://www.ncbi.nlm.nih.gov/pubmed/24348265>
- Freedman, A.H., I. Gronau, R.M. Schweizer, D. Ortega-Del Vecchyo, E. Han, P.M. Silva, M. Galaverni, Z. Fan, P. Marx, B. Lorente-Galdos, H. Beale, O. Ramirez, F. Hormozdiari, C. Alkan, C. Vila, K. Squire, E. Geffen, J. Kusak, A.R. Boyko, H.G. Parker, C. Lee, V. Tadigotla, A. Siepel, C.D. Bustamante, T.T. Harkins, S.F. Nelson, E.A. Ostrander, T. Marques-Bonet, R.K. Wayne, and J. Novembre, *Genome sequencing highlights the dynamic early history of dogs*. PLoS genetics, 2014. **10**(1): p. e1004016.
<http://www.ncbi.nlm.nih.gov/pubmed/24453982>