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NEW HIRES

Jennifer Nicolini, Research Specialist – English Lab
Lian Li, Lead Research Specialist – Bassell Lab
Pearl Ryder, MD/Ph.D., Grad Prog. – Faundez Lab
Avanti Gokhale, Postdoc – Faundez Lab
Jiaping Gu, Postdoctoral Fellow – Zheng Lab
Eric Vitriol, Postdoctoral Fellow – Zheng Lab
Emily Grossniklaus, Emory Honor Thesis – Faundez Lab
Lea Alford, Postdoctoral Scholar – Sale Lab
Rasagnya Viswanadha, Grad Student in BCDB from Toronto Canada – Sale Lab

AWARDS and RECOGNITIONS

- Dr. Ping Chen was promoted to Associate Professor
- Dr. Gary Bassell was promoted to Professor
- Dr. Maureen Wirschell is an Invited Speaker at the Gordon Research Conference on Cilia and Mucociliary Interactions, Il Ciocco Italy Feb. 2009.
- Dr. Shuangding Li won the best poster award from the SDB SE regional meeting to attend the annual SDB meeting in San Francisco (July 2009).

FELLOWSHIPS:

- Esther Yim received the “William and Enid Rosen Summer Student Fellowship” from the National Fragile X Foundation” (June-August 2009). Esther is an Emory undergraduate doing honors thesis research with Dr. Christina Gross in Gary Bassell’s lab.
- Sharon Swanger received an NIH NRSA predoctoral fellowship “Role of CPEB in dendritic mRNA transport and translation”. Sharon is a Ph.D. Candidate in the graduate neuroscience program, doing her thesis in Gary Bassell’s lab.
- Avanti Gokhale was awarded NIH First Postdoctoral Fellowship at Emory to work with Victor Faundez.
- Kristy Welshhans, Ph.D., a Postdoctoral Fellow in Gary Bassell’s lab, received an NIH NRSA postdoctoral fellowship “ZBP-mediated transport and local translation of β-actin mRNA in growth cones”.
- Jennifer Larimore, was awarded a Postdoctoral First Fellowship, in Victor Faundez’s lab.
- Candice Elam was awarded an NIH NRSA to study "Regulation of ciliary motility by an axonemal PP2A phosphatase." 2009.
- Candice Elam 2009-Present. Undergraduate Curriculum Development and Teaching Fellowship, sponsored by the Emory College Center for Science Education Howard Hughes Medical Institute grant.
- Lea Alford in Win Sale’s lab, is a NIH First Awardee and received her Ph.D. from Boston College working with David Burgess.
NEW FUNDING:

- Gary Bassell, NARSAD 9/15/09–9/14/11, “CPEB mediated translational regulation at synapses”.
- David Dunlap, Human Frontier Science Program (in collaboration with groups in Adelaide, Australia and Pittsburgh) 8/1/09–7/31/12, “Quantitative analysis of the DNA loop-domain model/long range regulation”.
- Wilfried Rossoll, Ph.D. received an Emory University Research Council (URC) grant “The role of the RNA binding protein TDP-43 in motor neurons”.
- Gary Bassell NIH R01 MH086405 Role: PI 12/01/04-11/30/13 “Imaging FMRP Regulation and Function”.
- Gary Bassell and Yue Feng (multi-PI) NIH RO1 HD061344 08/01/09-07/31/11 FMRP mediated translation in neuronal development (supported by ARRA).
- Gary Bassell NIH R21 DA027080 Role: PI 06/01/09-09/30/11 “Identification of localized miRNAs for neuronal development and plasticity” (supported by ARRA).
- Gary Bassell, NIH R21 (ARRA) 06/01-09/30/11, “Identification of localized miRNAs for neuronal development and plasticity”.
- Gary Bassell, Muscular Dystrophy Association 1/1/09–12/31/11, “Axonal mRNA regulation by HNRNPQ1 and SMN”.
- Subhabrata Sanyal, Neuroscience Initiative Seed Grant 2/1/09–1/31/10, “Restless Legs Syndrome in flies: Understanding the role of BTBD9 in Drosophila” Neuroscience Initiative Seed Grant.
- Arthur English, Subcontract from GaTech, NIH R01 7/17/09–6/30/11 (ARRA) “Bioengineered scaffolds for peripheral nerve regeneration”.
- Andrew Kowalczyk, NIH R01 9/18/09–8/31/11 (ARRA), “Cadherin regulation in dermal endothelial cells”.
- Victor Faundez, NIH R01 9/1/09–8/31/13, “Mechanisms of endosome trafficking in neurons”.

The following ARRA (Stimulus) funded supplements to previously funded projects have been awarded by NIH:

- Gary Bassell  Student supplement and research supplement
- Arthur English  Student supplement
- Winfield Sale  Research supplement
- John Scott  Student supplement and equipment supplement
- Erica Werner  Career development supplement
- James Zheng  Research supplement

THESIS DEFENSES

Adam Raymond in the Shur lab, defended his thesis (December 2008) entitled “Novel tissue-intrinsic functions of SED1/MGG-E8 in the male epididymis” in partial fulfillment of the requirements for the degree Doctor of Philosophy.

Nathan Mortimer in the Moberg lab, defended his thesis (February 2009) entitled “Drosophila archipelago regulates oxygen homeostasis via novel roles in tracheogenesis and the hypoxic response” in partial fulfillment of the requirements for the degree Doctor of Philosophy.

Emma Delva in the Kowalczyk lab, defended her thesis (March 2009) entitled “Determining the Cellular Mechanism Involved in Pemphigus Vulgaris-Induced Desmoglein 3 Internalization and Desmosomal Disassembly” in partial fulfillment of the requirements for the degree of Doctor of Philosophy.

Bi Mo, Working with Dr. Wilfried Rossoll in the Bassell lab, defended his B.S. thesis entitled “A screen for novel interacting partners of TAR DNA Binding Protein 43 (TDP-4)” and graduated at Emory with highest honors (May 2009). Bi is now in a combined MD/MPH program at Marshall University in West Virginia.


Robert Lyng in the Shur lab, defended his thesis (August 2009) entitled “Mouse Oviduct Specific Glycoprotein (OGP) is an Egg-Associated AP3-Independent Sperm Adhesion Ligand” in partial fulfillment of the requirements for the degree of Doctor of Philosophy.
Dan Pont working with Dr. Christina Gross in the Bassell lab, defended his M.S. Thesis entitled “Translational Regulation in a Fragile X Mouse Model” (August 2009). Dan is now a first year medical student at University of Texas-Galveston.

Avanti Gokhale in the Sale lab defended her thesis (September 2009) entitled “Regulation of ciliary dynein by the axonemal protein kinase CK1” in partial fulfillment of the requirements for the degree of Doctor of Philosophy.
**PUBLICATIONS**

**Bassell Lab**


**Chen Lab**


**Faundez Lab**


- Guang-dan, Salazar, G.; Zlatic, S.; Michele M. Doucette, Craig J. Heilman, Babar Fiza, Allan I. Levey,


**Sale Lab**


**Sanyal Lab**


- Genomic mapping and expression patterns of C380, OK6 and D42 enhancer trap lines in the larval nervous system of Drosophila. MOD: Gene Expression Patterns (in press).

**Shur Lab**


**CELEBRITY PHOTO ALBUM**

**New Arrivals:**

Congrats to Ken and Karolina Moberg! Annika Jordan Moberg Born Sept. 26th: 7lbs, 15ozs.

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Yangfang Rui’s daughter Caroline
Born Nov. 24th, 2008; 7.6lbs.

**Smiling Faces:**
Parties & Receptions:

Mr. & Mrs. Michael Kelly: Married, July 24th in NY

Barry Shur  
Barry and Judy Shur  
Carolyn Eason, Harish Joshi, Avanti Gokhale
EVENTS

HIGHLIGHTS
October 02, 2009 David Katz - Chalk Talk
November 12, 2009 Carolyn Beam (Moberg lab) - Dissertation

B & G SCHEDULE
October 12, 2009 David Dunlap
November 09, 2009 Arthur English
December 14, 2009 Victor Faundez

SEMINAR SCHEDULE
October 01, 2009 Bettina Winckler, University of Virginia
(Host: Barry Shur)
December 03, 2009 Thierry Galli, Institut Jacques Monod, Paris
(Host: Victor Faundez)

HOLIDAY SCHEDULE
Thursday 11/26/09, Friday 11/27/2009: Thanksgiving
Thursday 12/24/09, Friday 12/25/2009: Christmas
Thursday 12/31/09, Friday 1/01/2010: New Year’s

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