Graduate School News

Caroline Paisie - Dissertation Defense

"Mechanisms of mutation in cells and tissues of the constitutive Fhit knockout mouse" - See her dissertation defense booklet here:
July 7th
BRT 130 10 AM

**Graduate School Deadlines**

**July 17** - Completion of Master’s and Doctoral defense exams. Report on Final Exams must be completed by the respective exam committee
**July 24** - Submission of final approved thesis or dissertation. Report on Final Document completed by respective committee
**August 9** - Summer Commencement
**August 24** - Summer end of semester deadline. Students who complete degree require deadline graduate in Autumn Semester (December 20) without having to enroll in autumn
**August 28** - Last day to register for Autumn 2015 classes

**BSGP 7400**

IBGP 7400 - Selected topics in microbial pathogenesis in the Autumn semester. It will be paper based class meeting on Friday afternoons. The class will cover several aspects of including bacteriology and virology. This class is repeatable up to a maximum 4 credit hours.

**Upcoming Events**

**Dunkatonia**

Please see attached flyers for Dunkatonia!
Proceeds support Pelotonia and Ending Cancer!
There will be ~30 faculty to Splash!

**July 8**, Wednesday, Biomedical Research Tower courtyard.
Come dunk your favorite researchers and colleagues!

There will also be:
Crepes,
Snow ice,
Bath and Body Works Pelotonia products (see the flyer) Pelotonia themed t-shirts!

**Other Information**

**IUPUI Postdoc Position**

The Department of Biology at Indiana University-Purdue University at Indianapolis (IUPUI) applicants for the inaugural cohort of Postdoctoral Research and Teaching (PRT) Fellows within the School of Science combines a traditional postdoctoral research experience with training in teaching. In collaboration with our campus’ nationally renowned Center for Teaching and Learning (http://ctl.iupui.edu/), fellows will have the opportunity to develop a teaching philosophy and new course curriculum while receiving feedback on their pedagogical development. Our goal is to provide fellows with the skills and experiences necessary for competitive applications to faculty positions at both research and teaching institutions. Positions are open in multiple labs within the Biology department. To learn more about potential mentors please visit http://prt.biology.iupui.edu/. Successful candidates should hold a Ph.D. in Life Sciences and have good communication skills and a published body...
Interested candidates should submit a letter of application indicating their research and teaching interests, CV and contact information for three references to studybio@iupui.edu. IUPUI is an EEO/AA employer, M/F/D.

**NIDA T32 Postdoc**

Pharmacology NIDA T-32 postdoctoral training program in Interdisciplinary Training in Drug Abuse. The earliest start date is July 1, 2015.

**Eligibility:**
Postdoctoral fellows who are U.S. citizens or permanent residents with suitable research interests. Candidates should have PhD degree in neuroscience, neurology, pharmacology, psychology or related field and a strong interest in drug addiction research. Recent PhD recipients are eligible. Members from under-represented minority groups or persons with a disability are encouraged to apply.

**Period of appointment:**
A postdoctoral trainee is guaranteed two years of support (with an additional year based on need and availability) to ensure that sufficient time is available for significant research training and development.

**Apply:**
Online at [https://wehealny.taleo.net/careersection/2/moresearch.ftl](https://wehealny.taleo.net/careersection/2/moresearch.ftl) and search for job #1779922. Please submit by June 22, 2015 your application as a single PDF file that includes:
1. Curriculum vitae
2. Statement of research interests
3. Thesis title and advisor

**PLOS ONE: PLOS Early Career Travel Award Program**

PLOS is pleased to announce the Early Career Travel Award Program. To recognize the efforts of early career researchers and support opportunities for them to present their research findings and participate in the scientific dialogue, PLOS will provide up to TEN Travel Awards of $500 each towards attending a scientific conference where work has been accepted for presentation. This is a great opportunity for any of the past or current students working in your lab that co-authored a PLOS paper and we encourage you to share this information with them.

Eligible researchers will be...

- Presenting at a conference taking place between August 1 - December 31, 2015,
- An author on an article published in any PLOS journal by the application date, AND
- Currently part of a graduate program or have received a graduate degree within the last five years as of the application deadline

The application deadline for the travel award is June 30, 2015. For more information and to apply please visit: [www.plos.org/travelawards](http://www.plos.org/travelawards)

If you have any questions please let us know and we would be happy to assist.

**Funded Postdoc Fellowship: Neuromuscular Disease (ALS & DMD)**

**Principal Investigator:**
Paul R. August, PhD  ([Paul.August@SANOFI.com](mailto:Paul.August@SANOFI.com))
Description:
The postdoctoral fellow will progress a research discovery project to differentiate human iPSCs (inducible pluripotent stem cells) and fibroblasts into spinal motor neurons and skeletal muscle that recapitulate the pathology of the ALS disease phenotype. The scientific objective of the fellowship is to develop and utilize these pathophysiologically relevant cellular models of motor neuron disease to support the identification of drug targets and tool compounds that may demonstrate therapeutic utility. These targets and compounds will be evaluated for their ability to modulate ALS in animal models. The post-doctoral fellow will optimize methods to generate skeletal muscle from human iPSCs and innervate the differentiated myotubes with motor neurons to develop innovative contractility models.

The fellowship is part of a research grant from the Department of Defense to advance the identification of therapeutic approaches for ALS in patients. The post-doctoral fellow at Sanofi will have a close interaction with academia in a preclinical industry setting during the term of the fellowship. The interdisciplinary training will facilitate the development of researchers with a translational medicine mindset and deep expertise in "disease in a dish" drug discovery models. It is expected that several publications will result from this work.

Requirements:
Applicants should hold a Ph.D. or equivalent, with expertise in relevant areas of cellular biology, isolation, propagation, and differentiation of stem cells for in vivo pharmacology assays is critical. Experience with high content imaging, small molecule pharmacology studies and muscle/neuron cell culture is desirable. The candidate should have experience with animal models of disease and performing some animal pharmacology studies. It is expected that the candidate will have a record of excellence in research and collaborative potential. Strong written and verbal skills are essential. The candidate should be authorized to work in the United States of America.

Start Date:
October 2015

Please submit your interest and application at the following sites:
https://sanofi.taleo.net/careersection/internshipus/moresearch.ftl?lang=en
Job Number - 39063