CMB E-Newsletter 01.18.18

Make sure to check out the Graduate School’s professional development event calendar, which has a comprehensive list of all professional development events around campus for grad students and postdocs. You can find the schedule at: http://grad.wisc.edu/events

*New Updates: Postdoc and TA Learning Community Opportunities!

CMB Spring Travel Award - Due TUESDAY, JAN. 23!
All current CMB students who will present a poster or talk at a scientific conference between January 1 and July 31, 2018 (and who were not awarded during the spring or fall 2017 competitions) are eligible for a CMB travel award of up to $500. For more information about required application materials, etc., please see the December 14 email from the CMB Program. The due date for travel award applications is January 23.

Register for Spring 2018
Spring registration is open, so please remember to register 990 research credits. Non-dissertators should register for 8-15 credits, and dissertators should register for 3 credits.

New CMB Student Labs
Congratulations to the following CMB students who have chosen lab homes!
Christiana Binkley: Robert Landick Lab
Stephanie Geller: Megan McClean Lab
Tyler Gibson: Melissa Harrison Lab
Morgan Giese: Anna Huttenlocher Lab
Zena Jensvold: Peter Lewis Lab
Justin Mabin: Heidi Dvinge Lab
Zachary Morrow: Fotis Asimakopoulos Lab
Stefan Pietrzak: Rupa Sridharan Lab
Hans Smith: John-Demian (JD) Sauer Lab
Learning Community for Graduate TAs - Spring 2018

The Delta Program has developed a multidisciplinary learning community for TAs that will run as a 10-week seminar. The seminar offers just-in-time content for TAs to continue building their toolbox for teaching effectively, as well as for allowing for open space to address current teaching challenges. This seminar is designed to require minimal time investment, with only ~15 min (or less) of prep/work for each one-hour meeting. Exploring Practices in the Classroom (EPIC): A Learning Community for TAs will run on Thursdays from 9-10am in 117 WISCIENCE, 445 Henry Mall. It is a 1-credit course (optional). To register, click [here](#). Questions can be directed to seminar facilitator, Jessica Maher ([jessica.maher@wisc.edu](mailto:jessica.maher@wisc.edu)).

14th Annual Signal Transduction Research Training Symposium - Monday, April 23

Announcing the 14th Annual Signal Transduction Research Training Symposium hosted by the Molecular and Cellular Pharmacology (MCP) Graduate Training Program! This event will take place Monday, April 23, 2018 from 8:00am to 5:00pm in the Discovery Building, H.F. DeLuca Forum. The Karl Beyer Lecture Keynote Speaker will be Dr. Tom Rapoport, Harvard Medical School and HHMI: Title TBA (12:00pm-1:00pm). Submit your abstract by **Friday, February 23** for consideration for oral and poster presentations! Monetary awards will be given to the three best posters and best oral presentation! All interested graduate students, post-docs, and scientists are encouraged to submit an abstract for the poster presentation. Talks will be selected from submitted abstracts. The event will also feature a career panel, poster session, selected talks, light breakfast, lunch, and refreshments for all registered attendees. For questions about the event, please contact Kristin Cooper, MCP Program Coordinator: [kgcooper@wisc.edu](mailto:kgcooper@wisc.edu).

Biochem 551 Teaching Opportunity for Graduate Student

There is an opening for a graduate student to help teach Biochem 551 in the Spring 2018 semester. This is a volunteer opportunity for graduate students interested in gaining some teaching experience. This sample syllabus provides details about the course itself. Duties include being in charge of the four lab sections which entails attending one lab per week, demonstrating techniques, answering questions, and grading the lab reports and assignments. The time commitment is one afternoon lab session (M,T,W, or R) from 12:20pm to 4:00pm. Interested candidates are encouraged to contact instructor, Dr. Lynne Prost, as soon as possible. Dr. Prost’s email is [lprost@wisc.edu](mailto:lprost@wisc.edu).

*Postdoc Opportunity - Lipinski Lab, UW-Madison*

The Lipinski Lab is in search of a motivated postdoctoral fellow to study the role of Hedgehog signaling in craniofacial morphogenesis and defects. The project integrates clinically-relevant mouse models, cutting edge micro physiological approaches, and advanced imaging modalities. The applicant should have a PhD and a strong background in developmental biology. Preference will be given to candidates with experience with mouse embryo manipulation and bioinformatics. Anticipated start date is June 1, 2018. More about the research and mission of the Lipinski lab can be found [here](#). Please email a CV, statement of research interests and contact information for at least three references to: Rob Lipinski at [rlipinski@wisc.edu](mailto:rlipinski@wisc.edu).

*Postdoc Opportunity - Yao Lab, NIEHS/NIH*

A postdoctoral position on Ovarian Biology is available in Dr. Humphrey Hung-Chang Yao’s lab at NIEHS/NIH in Research Triangle Park, North Carolina, USA. The candidate will utilize conditional
The candidate will utilize conditional transgenic and knockout mouse models, single cell RNA-sequencing techniques, tissue recombination, real-time imaging, and genomic tools to study genetic and epigenetic control of cell fate determination and folliculogenesis in fetal and adult ovary. The earliest starting date for this position is October 1, 2018.

Qualified candidates should be self-driven and highly motivated individuals with an established track record of success, including first-author publications. The selected individual must have experience with studies in ovarian biology, genetically modified mice, molecular biology techniques, bioinformatics skills, and proven writing and presentation skills. For prompt consideration, please email the following items to Dr. Humphrey Yao (humphrey.yao@nih.gov):

- One-page cover letter describing areas of research interests and career goals
- CV with bibliography
- PDF of recent publications or manuscripts ready for submission
- Contact information for 3 references

Neuroscience Training Program 675 - Summer 2018 Course

A BTCI Summer course on Molecular Approaches to Neuroscience: Gene Expression and Cell Analysis will run June 18-22, 2018. The course is listed as NTP 675 and will be held at the BTC Institute (Promega Corporation campus in Madison/Fitchburg). Topics include RNA isolation, PCR technologies, drug discovery molecular cloning, monitoring cell health and understanding mechanisms of cell death, design of CRISPR-Cas9 assays, using tags for studying proteins, epigenetic, and protein analysis techniques. Also, this course will provide topics on professional development and career exploration in industry. It is worth taking if you are interested in pursuing a career in industry! For more information and to register, click here. Registration deadline is May 18, 2018. Questions can be sent to Dr. Amy Prevost at amy.prevost@btci.org.

Delta and CIRTL Courses Available for Spring 2018

The Delta Program and the Center for the Integration of Research, Teaching and Learning (CIRTL) Network are offering the following courses and seminars this spring to help graduate students and postdocs improve their teaching and mentoring skills. All courses are designed to introduce participants to the foundations of teaching and learning.

Local Courses:
- Exploring How Students Learn with Writing Across the Curriculum
- Teaching in Science and Engineering: The College Classroom
- Research Mentor Training Seminar
- Improv to Improve Science Communication and Teaching
- Exploring Practices in the Classroom (EPIC)
- Questions about this course can be directed to the seminar facilitator, Jessica Maher (jessica.maher@wisc.edu).

Online Courses:
- Diversity in the College Classroom
- The College Classroom
- Research Mentor Training
- CIRTL Reads Journal Club (short course)
- Engaging Students in the Teaching of Statistics (short course)