CMB E-Newsletter 09.15.17

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

MHD Training Grant Journal Club - Tuesday, September 19
The next Microbes in Health & Disease Training Grant Journal Club will be Tuesday, September 19 at 4pm in room 2511 MSB. J. Muse Davis, Pediatrics at UW-Madison, will host, Integration of Metabolomics and Transcriptomics Reveals a Complex Diet of Mycobacterium tuberculosis during Early Macrophage Infection (Zimmerman et al., 2017). For additional information, contact Allison Bauer at ambauer6@wisc.edu. Looking ahead: CMB graduate student, Will Olson, will be hosting a journal club on Tuesday, October 3 at 4pm in 2511 MSB.

September Professional Development Opportunities for Graduate Students and Instructors
The UW-Madison Writing Center will be hosting numerous professional development events for UW graduate students and faculty. Students will have the opportunity to learn more “On the Job Market,” “Improving Your Graduate Work,” and have the opportunity for individual instruction. Please register for all workshops by clicking “workshops” at writing.wisc.edu.

Grad School Professional Development Event - Thursday, September 28
The Graduate School Office of Professional Development will be sponsoring “Grad School After Coursework: Tips for a Successful Transition” on Thursday, September 28 from 3-4:30pm. Learn practical strategies from faculty panelists for focusing on your writing, managing your time to stay on track, and developing a supportive mentorship environment as you transition from coursework to beginning independent research and writing. Register here: http://go.wisc.edu/zmo69l.

Next Generation Sequencing Workshops, 2017 Fall Session
The Bioinformatics Resource Core (BRC) at the UW Biotechnology Center (UWBC) is offering a series of workshops for students, researchers, scientists, and PIs who are interested in learning Next-Generation Sequencing (NGS) data analysis skills with open-source software on a Linux platform. (Overview). (There is a fee associated with each workshop). Workshops are heavily hands-on and carried on the large BRC Linux computer. The Fall 2017 workshops are limited - Max: 10-14 participants (2 minimum) depending on the workshop. Reserve your spot by clicking on the desired workshop within the Google Calendar presented Agenda (list format) or linked on the Biotech Center Overview web page as monthly format. Click on the orange REGISTER button within the Google calendar date(s) of your choice. Important Note: it is necessary
**GUTS Transitions Program Looking for Panelists**

The Transitions Program for the Greater University Tutoring Service (GUTS) holds informational panel sessions for undergraduate students to get their questions answered by current graduate and professional students. It also allows the students to hear about first-hand experiences of graduate student life. The panel-style seminars assist undergraduate students in understanding the graduate and professional school application process and helps students to make more informed decisions. GUTS is looking for graduate and professional students to be panelists at these seminars. They are only an hour long and will be located on the UW-Madison campus. Dates for the seminars will be announced once availability is received from the panelists. If you are interested, please click the following link to complete the brief registration: [https://goo.gl/forms/ObvUzk8ONFdzRk1p1](https://goo.gl/forms/ObvUzk8ONFdzRk1p1).

**WISCIENCE Graduate Student & Postdoc Book Club**

Join us this fall to discuss the book *Make it Stick: The Science of Successful Learning* by Brown et al. We will meet Tuesdays from 4-5pm in room 117 WISCIENCE (445 Henry Mall). The book contains 8 chapters, so meetings will be 8 times throughout the semester. The first meeting will be Tuesday, September 19th at 4pm. Please purchase a copy of the book and read Chapter 1 in preparation for the first meeting. If you have any questions about the book club before the first meeting, you can email Anna Kowalkowski at akowalkowski@wisc.edu.

**STEM Professionals Opportunity at the Wisconsin Science Festival**

As part of this year’s Wisconsin Science Festival on November 3rd (6-9pm) we are developing an event celebrating the impact of radio waves and invention across the last 100 years. We are partnering with Wisconsin Public Television and Wisconsin Public Radio to highlight the origins of public broadcast radio here on campus over 100 years ago. Our esteemed panelists and presenters will be primarily female, and we are looking to echo that presence throughout the event to include women’s science groups who want to represent their science. Necessary training and information will be provided in advance. There are 2 broad volunteer roles:

1. Volunteers who are engineers, scientists, or STEM professionals who will help facilitate stations and volunteers roles that we will provide. The volunteers will be given a badge to wear during the event to help facilitate opportunities to interact with the audience and make connections to represent the individual/lab’s research.

2. If your research/lab is a good match for the topic and you have an existing outreach station for the event, we would like to look for ways to include it in the evening program from 6-8pm.

If you are interested, please connect with Sam Mulrooney ([SMulrooney@warf.org](mailto:SMulrooney@warf.org)) at the Discovery Building on campus, and she can help you to take the next steps.

**Dr. J. Abiodun Elegbede Cancer Research Award Applications Now OPEN**

McArdle Laboratory for Cancer Research is now accepting applications for the Dr. J. Abiodun Alegbede Cancer Research Award ($1,500 travel award). To be eligible for the award, applicants must be enrolled undergraduate or graduate students at the University of Wisconsin-Madison and must be traveling to present cancer-related research (e.g., paper, poster) at a conference (domestically or internationally) between 01/01/2018-12/31/2018. To apply, complete the [online application form](mailto:jmschroeder2@wisc.edu). Applicants are required to upload a preliminary draft (PDF) of a cancer research-focused abstract of his/her work that will be presented with the online materials. PIs/Mentors should email a letter of recommendation (PDF) directly to [jmschroeder2@wisc.edu](mailto:jmschroeder2@wisc.edu). Complete application materials must be received by Friday, September 29.

If you have any questions, please contact Jenny Schroeder at [jmschroeder2@wisc.edu](mailto:jmschroeder2@wisc.edu).

**NSF Graduate Research Fellowship Program Workshop Series**

The Graduate School is running a series of workshops designed to help UW-Madison senior undergraduates and graduate students in the early stages of their graduate studies prepare a competitive application for the NSF Graduate Research Fellowship Program. To register for the following workshops, visit the Graduate School website: [https://grad.wisc.edu/studentfunding/workshops/](https://grad.wisc.edu/studentfunding/workshops/).

- **NSF GRFP Faculty Reviewers Panel**: Wednesday, September 27 from 4:30-6:30pm in Union South, Northwoods.
This panel will feature faculty members who have served as reviewers for the NSF Graduate Research Fellowship Program competition. They will share insights about the review process and tips on how to make your application more successful.

**UW SMPH Cardiovascular Research Center Seminar - Tuesday, September 19**
The SMPH Cardiovascular Research Center kicks off the 2017-2018 year by welcoming you to attend a Cardiovascular Research Conference Seminar presented by Dr. H. Peter Larsson (Professor, Physiology and Biophysics, University of Miami) on Tuesday, September 19 in 8571 WIMR II at 4pm. Dr. Larsson will present “Polyunsaturated Fatty Acids as Possible Long QT Syndrome Treatment.” Dr. Larsson’s lab aims to understand the molecular mechanisms that open and close voltage-gated ion channels. Since mutations exist in such channels in patients with diseases such as epilepsy, irregular heart rhythms, and periodic paralysis, understanding the structure and function of channels could lead to treatments for several disorders. They also study how transporters function. (Link: Larsson Lab)

**MMI Seminar: Dr. Lawrenz, PhD, University of Louisville - Friday, September 22**
The UW Department of Medical Microbiology and Immunology will host its next seminar on Friday, September 22 at 12pm in Room 1520 MSB (1550 Linden Drive). Dr. Matthew Lawrenz, PhD and Associate Professor at University of Louisville will present “Life on the Inside: Targeting the Host to Understand Yersinia Pestis Intracellular Survival.” For more information, contact the host, Jon Lenz at lenz4@wisc.edu.

**2nd Annual Epigenetics group Mini-symposium - Thursday, October 5**
The fast-approaching second annual Wisconsin Epigenetics Group Mini-symposium will occur on Thursday, October 5. This year, we will feature research talks from our UW-Madison colleagues in the morning, resource-focused session following lunch, and an afternoon poster session with concurrent social. The event will be held at the Waisman Center and will run from 9am-5pm. Lunch will be provided, and refreshments will be served at the poster session in the afternoon. Participation is an important means of showing your commitment to this campus initiative. Postdocs and/or graduate students from each lab should plan on presenting 1-2 posters. Please RSVP no later than September 18, 2017.

**Biology Outreach Club Kick-Off Meeting - Thursday, September 28**
The Biology Outreach Club’s goal is to encourage graduate students to participate in science outreach by partnering with groups hosting events both within UW and in the surrounding Madison area. If you are interested in participating in outreach events in the coming year, we invite you to attend the Annual Kick-Off Meeting on September 28th at 5pm in WIMR 5001A. Pizza will be served!

**Earn a Graduate Certificate in Business, Environment & Social Responsibility**
The Business, Environment & Social Responsibility (BESR) certificate is a 12-credit certificate that is housed within the Wisconsin School of Business. It is open to students in any graduate degree program at UW-Madison. Further information and enrollment are online at http://bus.wisc.edu/degrees-programs/certificates/graduate/sustainability. You can also contact Professor Ann Terlaak at ann.terlaak@wisc.edu.