CMB E-Newsletter 10.06.17

CMB Program
Fri 10/6/2017 4:06 PM
To: CMB Students <cmbstudents@bocklabs.wisc.edu>; CMB Faculty <cmbfaculty@bocklabs.wisc.edu>

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

St. Jude Children’s Research Hospital National Graduate Student Symposium & Future Fellow Research Conference
St. Jude Children’s Research Hospital is currently seeking nominations of students to be considered for either the 17th annual National Graduate Student Symposium (NGSS) or the 4th annual Future Fellow Research Conference (FFRC). These exceptional academic and professional development opportunities for PhD students will be held March 26-30 and June 5-7, 2018, respectively on the St. Jude campus in Memphis, TN.

The NGSS and FFRC are all-expenses-paid symposia to which top PhD students from around the country are invited to participate. To be eligible, students must be U.S. citizens or permanent residents, with an estimated graduation between March 2018 and July 2019. These symposia are not advertised; thus, students can apply only if they are nominated by a factually advisor. To nominate students for both events, please visit stjude.org/ngss. You may nominate multiple students, but nominations must be received by October 26, 2017. Invitations to apply will be sent to nominated students at the beginning of November, and completed applications must be received by 12pm Central Time on November 27, 2017. Those selected will be notified by the end of January, 2018.
**Insight Data Fellows Programs - Application Deadline: Monday, Oct 23**

Insight is now accepting applications for the January 2018 fellowships in Data Science, Health Data Science, Data Engineering, and Artificial Intelligence. Insight Data Fellows Programs are tuition-free fellowships for graduating students, PhDs and postdocs looking to transition to careers in data science, data engineering, and artificial intelligence. They are 7 week, full-time training fellowships.

**Data Science**
- For PhDs & Postdocs (graduating by May 2018)
- Locations: Silicon Valley, NYC, Boston, Seattle & Remote
- Apply: [http://insightdatascience.com](http://insightdatascience.com)

**Health Data Science**
- For PhDs, Postdocs & MDs (graduating by May 2018)
- Locations: Silicon Valley & Boston
- Apply: [http://insighthealthdata.com](http://insighthealthdata.com)

**Data Engineering**
- For Bachelors, Masters or PhDs (graduating by May 2018) & professional engineers
- Locations: Silicon Valley & NYC
- Apply: [http://insightdataengineering.com](http://insightdataengineering.com)

**Artificial Intelligence**
- For Bachelors, Masters or PhDs (graduating by May 2018) & professional engineers
- Locations: Silicon Valley & NYC
- Apply: [http://insightdata.ai](http://insightdata.ai)

Email Insight at info@insightdatascience.com to address any questions.

**WI Energy & Sustainability Challenge: Prizes for Student Solutions**

The Wisconsin Energy and Sustainability Challenge is calling on students to submit their novel ideas for creating a more sustainable planet. More than $10,000 in prizes will be awarded on February 23 to students with the most innovative solutions in environmental sustainability and clean energy technology. Any student, any field, any solution is welcome - entries will be judged on originality, feasibility, and environmental/societal impact. Students are encouraged to work in teams to develop their solution in any number of topics related to sustainability - clean energy, food, water, transportation, place-based issues, etc. Solutions can be in the form of new technologies, business plans, or social initiatives. For full details, visit: [http://energy.wisc.edu/wesc](http://energy.wisc.edu/wesc). Submission deadline is February 2, 2018 at 8am. To register your interest in the competition, visit: [http://go.wisc.edu/4g417c](http://go.wisc.edu/4g417c). For any questions about the competition, contact Scott Williams, Research and Education Coordinator at the Wisconsin Energy Institute, at spwilliams@wisc.edu.

**Divisional Block Competition/University Fellowship Competition**

One of the first competitions from the Graduate School’s Office of Fellowship.
And Funding (OFFR) is coming up! The Graduate Student Support Competition (GSSC), formerly the Divisional Block or University competition has a new application as a result of multiple brown bag meetings with program staff and reflects some of the feedback received during those sessions. Aside from more streamlined questions, other new aspects of the GSSC include:

1. One application for all 4 divisions and programs
2. The application will be run through FluidReview and will not be completed as a Word document.
3. The Traditional Fellowship competition will no longer be an option; programs that relied on this competition method for fellowship funding will need to complete the GSSC application.
4. AOF recruitment & Graduate Student Support Allocation (GSSA) support funds will no longer be automatically allocated but instead need to be requested in the GSSC application.
5. Timing: Expect to receive the GSSC application in early October, to be due early November.

Questions can be directed toward Cassandra Rademaekers at grad.wisc.edu/studentfunding.

**Luce Scholars Program - Deadline: Monday, Oct 16**

The Luce Scholars Program provides a year’s internship in an Asian country related to the scholar’s interests. The program is designed to provide an extended period of exposure to an Asian country for highly qualified young Americans who lack extensive knowledge of Asian affairs and who would not gain this knowledge through their normal career trajectories. Any professional field will be considered except Asian Affairs/Asian Studies. Graduating seniors, recent alumni, graduate students, and junior faculty are encouraged to apply. To be eligible, a nominee must be a U.S. citizen, under age 30 at the beginning of the program, hold at least a B.A. Applicants should have little or no experience in the country of the internship. UW-Madison alumni do not need to be on campus to apply, but must apply through the university. More details on the campus requirements and the application process are available at: [http://iris.wisc.edu/funding/students/luce-scholars-program/](http://iris.wisc.edu/funding/students/luce-scholars-program/). Please note that the applications must be submitted through the institutional nomination; the Henry Luce Foundation does not accept direct applications. The UW-Madison campus deadline is 4pm on Monday, October 16.

**Professional Development for Graduate Students, October Events**

1. Successful Interviewing for Non-Academic Positions - Tuesday, Oct 10
   
   This event will take place from 4-5:30pm. Career advisor and Consultant Kristina Vack will help you prepare for professional interviews outside of academia, review a structure for crafting interview responses that illustrate your experience, and discuss effective nonverbal communication. Register [here](http://iris.wisc.edu/funding/students/luce-scholars-program/).

2. Versatile PhD: Ask Me Anything (AMA) - Wednesday-Friday, Oct 11-13
   
   This will be an online event. Join Peter Fiske, Geochemistry and Materials Science PhD and an executive with experience founding startups and
commercializing new technologies. He wrote the science careers classic, “Put Your Science to WORK!” and regularly speaks to early-career scientists at universities across the country. Ask him anything! Sign up here to get notified when participation begins online.

**Urology Research Center Guest Speaker Seminar - Wednesday, Oct 11**
The George M. O’Brien Urology Research Center Monthly Guest Speaker Seminar presents Charles J. Bieberich, PhD (Professor of Biological Sciences and The Bearman Foundation Chair in Entrepreneurship at University of Maryland, Baltimore County). Dr. Bieberich will speak on “Pelvic Pain, Proliferation, and PIN: Consequences of Chronic Prostatic Inflammation in a Mouse Model.” The seminar will take place from Noon-1pm in WIMR 7001A on Wednesday, October 11. Lunch will be provided. If you would like to meet with the speaker, please contact Shana Peterson, Peterson@urology.wisc.edu, Dr. Dale Bjorling, bjorling@wisc.edu, or Dr. William Ricke, rickew@urology.wisc.edu.

**Introduction to Unconscious Bias in Academic Medicine Session - Thursday, Oct 12**
This course is an introduction to the concept of unconscious bias that combines fundamental psychological approaches with classical diversity approaches. The session will be led by Brian E. Gittens, EdD, SPHR, SHRM-SCP, Associate Dean, Human Resources, Equity and Inclusion. To register, click here. Choose one session from four date options. Questions: contact Lisa Tiedemann, latiedemann@wisc.edu.

**MCP Weekly Seminar Series: Dr. Martin Schwartz - Monday, Oct 16**
Please join MCP for the weekly seminar series as we welcome Dr. Martin Schwartz (Yale University) for a seminar on Monday, October 16 from 12-1pm in HSLC 1325. Anyone is welcome to attend. Dr. Schwartz is a Robert W. Berliner Professor of Medicine (Cardiology) and Professor of Biomedical Engineering and of Cell Biology at the Yale University Cardiovascular Research Center (YCVRC). His laboratory studies intern signaling and mechanotransduction in vascular biology, with emphasis on topics that are relevant to human disease. They use a variety of biophysical and cell biological tools as well as animal models in these studies. If you are a student/postdoc and would like to join a small group for lunch after the talk please email Kristin Cooper (kgcooper@wisc.edu) with your interest and any dietary restrictions by Tuesday, Oct. 10 at 5pm.

**ISS Career Development Workshop - Monday, Oct 16**
International Student Services invites you to a career development workshop - 3 Steps to our Job in the USA - which will be hosted on Monday, October 16 from 5-6:30pm in Masley Media Room, Red Gym (1st floor). Career coach Steven Steinfeld will be presenting on how international students can gain work experience in the USA.
**SMPH Cardiovascular Research Center Seminar - Tuesday, Oct 24**
The SMPH Cardiovascular Research Center welcomes you to attend a seminar presented by Dr. TingTing Hong (Associate Professor, Cedars-Sinai Medical Center) on Tuesday, October 24 in 8571 WIMR II at 4:00pm. Dr. Hong will present “Dynamic T-tubule microdomains in normal and failing hearts, from mouse to human.” Dr. Hong’s research focuses on cardiac membrane organization and function, with particular interests in T-tubule microdomain function and regulation. If you are interested in visiting with Dr. Hong for a 1:1 meeting prior to her seminar, please contact Christine Tydrich at Christine.tydrich@wisc.edu.

**Technical Services Scientist Position Opening with Promega**
Job Description: Learn and provide technical support (verbal and written) to customers (both internal and external) on Promega’s products, related applications, and document information into database.
Mandatory Qualifications: BS/MS/PhD degree in molecular biology, cell biology, protein chemistry, or related area; Minimum 3 years lab experience and proven knowledge and understanding of core applications of molecular biology, cell biology, and/or protein biochemistry; ability to discuss fundamentals, principles and technical theory of experimental design, techniques and results in a clear and concise manner; excellent communication and listening skills; customer service skills with a dedication to customer support; technical competency with the ability to stay current in technical knowledge to troubleshoot technical questions from customers and provide information back to the customer in a helpful, courteous, positive, and professional manner; ability to work independently with moderate supervision as well as proven team participation skills. Interested candidates should contact Natascha Buter at buternatascha@gmail.com.

**Register Now for the NIH Webinar Hosted by UW ICTR**
For the 2017-2018 academic year, UW ICTR will once again host a web-based course from the NIH Clinical Center, Introduction of the Principles of Clinical Research (IPPCR). The IPPCR course will train individuals in how to effectively conduct clinical research. The course focuses on a spectrum of clinical research and the research process by highlighting epidemiological methods, study design, protocol preparation, patient monitoring, quality assurance, and Food and Drug Administration issues.
NIH will award a certificate to those who successfully complete the course and final exam. Participants watch the recorded lectures online at their own pace. Course materials will be available from September 2017 through June 15, 2018. The final exam will be posted on the student website on February 5, 2018 and will be available until June 30.
Individuals interested in earning the certificate must register with NIH. Please choose UW Madison, ICTR from the drop down menu under the Organization section on the registration page. Individuals who only want to review various topics without earning the certificate can do so by clicking on the 2016-2017 video archive link. There is no need to register with NIH. For more information
about the webinar, please contact Peggy Hatfield (pmhatfie@wisc.edu). Details about topics and course objectives can be found at the NIH Clinical Center online.

**Fall 2017 Microbiota Analysis Hands-on Workshops**

In cooperation with Microbial Science, the Bioinformatics Resource Core (BRC) - UW Biotechnology Center (UWBC) - is happy to announce the microbiota analysis hands-on workshops for Fall 2017:
- Microbiota: Processing in mothur (Part I - 11/03)
- Microbiota: Analysis within R (Part II - 11/17)

Registration: Participants must register for each workshop separately on the individual web pages or displayed at the top of the Overview page. Click on the orange Restor button within the Google calendar date(s) of your choice.

**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 to register separately for each workshop.