CMB E-Newsletter 10.20.17

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](http://grad.wisc.edu/events)

**Insight Data Fellows Programs - DUE SOON: 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.

**St. Jude Children’s Research Hospital National Graduate Student Symposium & Future Fellow Research Conference - NOMINATIONS DUE SOON**

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.

Help Teach BMC 504: Human Biochemistry Lab, Spring 2018!
The Integrated Program in Biochemistry (IPiB) is looking for one graduate student or postdoc volunteer to help teach Biomolecular Chemistry (BMC) 504, “Human Biochemistry Lab,” in Spring 2018. Course details and teaching responsibilities are as follows:

- **Biomolecular Chemistry 504: Human Biochemistry Lab (Spring 2018)**
- **Instructors:** Deane Mosher, Angela Kita, Matthew Merrins
- **Enrollment:** 40

Course Description: Lab and conferences on basic principles of biological chemistry with emphasis on general methods and techniques.

Meets: TR 8:50-11:50am

Duties, Expectations, and Goals: GAs/Postdocs will help assist students in the lab, provide feedback during discussions, check lab books, and prepare and grade quizzes. GAs/Postdocs will have the option to give a lecture during the summer.

No. of GAs: 2 (Dana Dahhan and TBD)

If you are interested in this opportunity, please contact Kate Ryan at cryan7@wisc.edu or the instructor(s) of the class. You may also contact Dana Dahhan at dahhan@wisc.edu to learn more about the class from firsthand experience.

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. Submission deadline is February 2, 2018 at 8am. To register your interest in the competition, visit: http://go.wisc.edu/4g417o. 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.
1. Research or Me-Search? A Conversation for Emerging Scholars - Wednesday, Nov 1
This event will take place from 12-1:30pm. How to reconcile the promises and pitfalls associated with studying populations in which one identifies? This session allows graduate students from across UW-Madison to discuss their research interests and address questions and feedback from their peers. For more information, click here.

2. Getting Through Graduate School, with PhD Comics’ Jorge Cham - Wednesday, Nov 1
You see his comic every week at the top of GradConnections Weekly. Now hear from Jorge Cham in person on topics related to academic life, dealing with stress and expectations, and finding your motivation in research. Register here.

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 calendar linked on the individual web pages or displayed at the top of the Overview page. Click on the orange Rester button within the Google calendar date(s) of your choice.