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To: CMB Grad Students cmbstudents@bocklabs.wisc.edu, CMB Faculty cmbfaculty@bocklabs.wisc.edu

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CMB E-Newsletter 3.10.17

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>.

WARF Ambassador Program Coffee & Donuts – TODAY

Friday, March 10 from 3-4pm, the WARF Ambassador Program will be hosting Coffee & Donuts with the Biosciences Community in the School of Pharmacy Commons Powers/Hamacher (Room 2215). Learn about the WARF Discovery Challenge and compete to win a \$50 Amazon gift card during the WARF-themed icebreaker!

The Insight Data Fellowship Program – Applications Now Open, Deadlines Approaching!

The Insight Data Fellows Programs are tuition-free professional Fellowships for students and postdocs looking to transition to careers in data science, health data science, data engineering, or artificial intelligence. Applications are now open for Summer Fellowships Programs (for students graduating this Summer).

- 7 week, full-time, post-graduate training Fellowship leading to full-time industry employment
- Mentorship from leading industry data scientists, data engineers, and AI experts
- Join an active community of Insight alumni
- Self-directed, project-based learning with support from Insight throughout the

whole process

- Tuition-free with need-based scholarships available to help cover living costs

Insight awards four distinct Fellowships: [Data Engineering](#) (deadline 3/29) [Data Science](#) (deadline 3/20), [Health Data Science](#) (deadline 3/20), and [Artificial Intelligence](#) (deadline 3/22). Email info@insightdatascience.com with any questions.

BOPs Application Now Open

The Biosciences Opportunities Preview (BOPs) weekend for prospective graduate students introduces highly qualified prospective graduate students to bioscience graduate programs offered at UW-Madison and the breadth of research opportunities available on campus. The application is free and all expenses are covered by UW-Madison. Please share this opportunity with anyone who might be interested. For eligibility information and application information, please see our website: <http://www.biopreview.wisc.edu>. The BOPs weekend will be held September 21-24, 2017. **Applications are due July 31, 2017.** Contact biopreview@mailplus.wisc.edu for more information.

Delta Program Info Session – Tuesday, March 14

Please join this informal drop-in session to learn how the Delta Program can help you build your skills in teaching, communication, outreach, and mentoring. The info session will be an opportunity to meet with staff members, grad students and postdocs who have participated in Delta courses and programming. The session is designed to help you map your professional goals onto Delta's offerings. The [Delta Program in Research, Teaching and Learning](#) promotes the development of a future national faculty in the natural and social sciences, engineering, and mathematics that is committed to implementing and advancing effective teaching practices for diverse student audiences. Refreshments will be provided! The event will be held Tuesday, March 14 from 8:30-10:30am at 445 Henry Mall, Room 302.

Dr. Nelson, PhD, SMPH Cardiovascular Research Center Seminar – Tuesday, March 14

The SMPH Cardiovascular Research Center welcomes you to attend a seminar presented by Dr. Mark T. Nelson, PhD (University of Vermont) on Tuesday, March 14 at 4:30pm in Room 1335 HSLC. Dr. Nelson will present “*Capillaries as decoders of the neural rhythm of the brain: Translating thought into blood flow.*” The overall goal of research in his lab is to understand the control of smooth muscle and endothelial cell

function by ion channels and calcium signaling, with an emphasis on the cerebral circulation. If you are interested in visiting with Dr. Nelson for a 1:1 meeting prior to his seminar, please contact Christine Tydrich at Christine.tydrich@wisc.edu.

8th Annual Perlman Symposium on Antibiotic Discovery and Development

The Perlman Symposium on Antibiotic Discovery and Development is held annually in memory of David Perlman, PhD, a Madison native and microbial biochemist who made several discoveries linked to antibiotics and vitamin B-12 and later served as the Dean of the UW-Madison School of Pharmacy ('68-'75). This year's symposium will be held from 8am – 4pm, Friday March 31 on 1st Floor Microbial Sciences Building and host four talks from experts involved in antibiotic discovery and/or development. Three of the presentations will take place in the morning, and one will follow a hosted lunch for registered participants. A poster session of relevant work based on the symposium's theme will be held in the afternoon; and, awards will be issued to the top three posters. This event will conclude with a reception late in the afternoon where refreshments will be provided. There is no fee to register for this event; however, participant registration online is required to submit abstracts, select a lunch option, request a hardcopy of the symposium program booklet to be made available the day of the event, among other options. **The deadline to register is Sunday, March 31.** The online registration can be found here:

<http://perlman.medmicro.wisc.edu/registration.php>. If you are interested in presenting a poster, please submit your poster during the registration process. The deadline to submit an abstract is **Sunday, March 19**. Questions regarding registration of abstract submission should be directed to Allison Bauer via e-mail at ambauer6@wisc.edu or by calling (608) 890-2101.

3rd Annual Paul Bertics Memorial Lecture – Monday, March 20

The 3rd Annual Paul Bertics Memorial Lecture (Co-Sponsors: Department of Bimolecular & Molecular and Cellular Pharmacology Graduate Program) will be taking place on Monday, March 10 at 1:00pm in Ebling Auditorium. Pietro De Camilli, MD, HHMI Investigator, Professor and Chair of Neuroscience (Yale University School of Medicine) will be presenting the lecture entitled, "Contact sites between organelles in the control of lipid transport and membrane identity." For more information, contact Dr. Jon Audhya, Department of Bimolecular Chemistry and Director of MCP Graduate Program at audhya@wisc.edu.

Preparing for Careers in Science Policy Workshop – Tuesday, March 28

Dr. Yaihara Fortis, Science Alliance Director from the New York Academy of Science will be leading an interactive event where you will learn all about science policy careers and how to prepare to enter this field. The 2-part workshop will last 2.5 hours, including dinner and networking with the speaker! It will take place on Tuesday, March 28 in MSB 1420 from 4-6:30pm. Please register to save your space and get your pizza! <http://tinyurl.com/SciPolCareers>

Interview Prep Workshop – Wednesday, March 29

The CMB, IPiB, and NTP Programs have organized an informational workshop/seminar on Wednesday, March 29, 4-6pm at 1360 Genetics/Biotech Building. Danielle Bashirulla, founder of D Bash Solutions, a consulting/recruiting company in the biotech industry, will join us to share some information on different career paths in the biological sciences as well as tips on preparing a CV/resume and cover letter and on preparing for interviews. Please feel free to bring drafts of your CV/resume and/or cover letter if you'd like. While drafts will not be reviewed on a one-on-one basis, you may find it helpful to make changes during the workshop. *Pizza will be provided at the event.* This event was created in preparation for the April 13 Mock Interview Event (details below). Please register here by Tuesday, March 21st: <http://go.wisc.edu/4gc664>.

Developing Your Personal Website – Thursday, March 30

10:00am-12:00pm. Building a personal website to showcase your skills and accomplishments can help you get ahead of the digital curve, whether you're seeking a job in academia or beyond. This workshop, a collaboration between the Graduate School, DesignLab, and STS, will equip you to leverage your creativity to present your best digital identity.

Register here: <http://go.wisc.edu/f7v4eo>.

Mock Interview Event – Thursday, April 13

We have teamed up with professionals from various non-academic careers to provide graduate students with the unique opportunity to practice their interview skills in a mock job interview with someone from their career of interest. This event will take place in two sessions: Thursday, April 13 from 10am-12pm and 1:30-4:30pm in Room 7225, Medical Sciences Center. Each mock interview will last 25 minutes. In addition to the mock interview, you will receive feedback on your job application materials and your interview during this time. To participate, read the mock job postings [here](#) and

choose ONE job posting of interest. [Sign up](#) for a mock interview time for your job posting of choice. Spots are reserved on a first-come, first-served basis. Submit your resume and cover letter to Gulpreet Kaur (gkaur3@wisc.edu) by **Sunday, April 10** with the title: “Mock Interview – [job posting of your choice].” Please make sure to include the mock job position’s name on the title. For any questions and more information regarding this event, contact Gulpreet Kaur at gkaur3@wisc.edu.

Postdoc Position on the Molecular Regulation of Iron Metabolism

Postdoctoral research fellow is sought for studies on the post-transcriptional regulation of iron metabolism and erythropoiesis by the IRP1-HIF-2 α axis and how its dysregulation contributes to erythrocytosis and related diseases (Cell Metab. 17:282).

The Eisenstein lab focuses on how the iron- and oxygen regulated RNA binding protein iron regulatory protein 1 (IRP1) coordinates the expression of genes controlling the uptake and metabolic fate of iron with those involved in the stress erythropoietic response. A central focus is how IRP1 links alterations in cellular iron and oxygen status to changes in the translational of the mRNA encoding the transcription factor HIF-2 α and the ensuing transcriptional output it dictates. Goals of our studies include defining the cell autonomous roles of IRP1 in influencing erythropoiesis as well as to define new paradigms through which integrated control of HIF-2 α synthesis in physiological and pathophysiological scenarios influence human health. To apply:

Send a cover letter, complete CV and list of 3 references to: Rick Eisenstein PhD, UW-Madison, Prof. of Nutritional Sciences, 1415 Linden Drive, Madison, WI 53706.

(Eisenstein@nutrisci.wisc.edu).