



Please send submissions to Steve Lundback, lundback@msu.edu, 212 Biochemistry (Mailbox on 2nd Floor)

Seminar Calendar

MONDAY, JANUARY 29

[PRL Seminar](#)

Matias Zurbriggen, University of Düsseldorf

"Plant and mammalian synthetic biology approach for the control and understanding of cellular processes"

4:00 PM, Room 101 Biochemistry

TUESDAY, JANUARY 30

[BMB-PRI Faculty Candidate Seminar](#)

Peter Lundquist, Noble Research Institute

"New Horizons in Chloroplast Research: The Plastoglobule in Metabolism and Stress Response"

9:00 AM, Room 1415 BPS

[MMG Seminar](#)

Eric Skaar, Vanderbilt University

"The intersection of nutrition and infection at the host-pathogen interface"

11:00 AM, Room 101 Biochemistry

WEDNESDAY, JANUARY 31

[3M Seminar](#)

No Seminar this week

THURSDAY, FEBRUARY 1

[BMB Colloquium](#)

Gerald Hart, John Hopkins University

"Nutrient Regulation of Transcription & Signaling by O-GlcNAc"

11:00 AM, Room 101 Biochemistry

[EEBB Seminar](#)

Nancy Emery, University of Colorado - Boulder

"Adaptation and specialization in variable environments"

3:30 PM, Room 1420 BPS

FRIDAY, FEBRUARY 2

[SATE Seminar](#)

Eugene Koonin, National Center for Biotechnology Information

"Understanding Evolution in the Postgenomic Era: Are There Tectonic Shifts?"

11:30 AM, Room 1400 BPS

Announcements

Checkout the [Grad/Postdoc News](#) page on the BMB website for the latest events and opportunities.

[ComSciCon 2018 National Workshop](#)

The 6th annual ComSciCon National Workshop, happening June 14th-16th, 2018 in Boston, MA. At ComSciCon's National Workshop, participants build communication skills that scientists and other technical professionals need to express ideas to their peers, experts in other fields, and the general public. Application deadline is March 1st.

[Zoetis Internship Program for Undergraduate Students](#)

Zoetis of Kalamazoo, Michigan is offering a 13-week internship program for undergraduate students. Work in various areas of veterinary medicine research are available.

[North American Mass Spectrometry Summer School](#)

August 6-9 2018, Madison, Wisconsin. In this four-day course, students will experience an engaging and inspiring program covering the latest in the application of mass spectrometry to omic analyses in plants and animals. Tutorial lectures range from experimental design, sample preparation, and quantification to the basics of high performance mass analyzers and data analysis. Also planned are several hands-on workshops. Limited space available. Apply now through April 1, 2018.

[Spring 2018 Mid-Career Conversation](#)

The Academic Advancement Network and Academic Human Resources will host a conversation with administrators on mid-career post-tenure faculty, focused on issues and challenges faced during this time and how MSU administrators can provide support to overcome them. This event will be held on March 28th from 9:00 am to 10:30 am at the MSU Main Library. Register by March 19th.

[STEM Teaching Essentials Spring 2018 Lunchtime Workshops](#)

These workshops are focused on helping new MSU STEM faculty get a running start for classroom instruction. Spring 2018 workshops will introduce participants to a variety of instructional approaches designed to help students achieve learning outcomes.

[Invitation to the 9th Annual Midwest Graduate Research Symposium at The University of Toledo](#)

The University of Toledo Graduate Student Association (GSA) cordially invites students from Michigan State University to the 9th Annual Midwest Graduate Research Symposium (MGRS). Each year we are excited to provide this opportunity to talented graduate students across the country and are looking forward to April 7th, 2018. Free Registration deadline is March 10.

[2018 NIDA Summer Research Internship Program](#)

The National Institute on Drug Abuse (NIDA) invites undergraduate students interested in pursuing a career in substance abuse research to submit an application for the 2018 NIDA Summer Research Internship Program. Application deadline is February 12, 2018.

Job Postings

See the BMB website for a full listing of [employment opportunities](#).

[Research Associate Positions, Brandizzi Lab, Plant Research Laboratory at MSU](#)

The positions focus on the study of the biology of endomembranes in plants. The project will employ molecular and biological approaches to define the function of newly identified membrane proteins in the shaping of the endoplasmic reticulum and in the traffic of cargo in relation to the cytoskeleton in *Arabidopsis thaliana*.

[Two faculty Positions, Australian National University, Canberra](#)

The Division of Plant Sciences at the ANU in Canberra, Australia, has just advertised two faculty positions in plant science - one Photosynthesis/Plant Energy Biology/Water relations or any aspect of Chloroplast Biology and the other in Plant – Microbe Interactions. Applications close Feb. 12.

[Assistant/Associate Professor in Molecular and Cellular Biology, University of Alberta](#)

Candidates with a demonstrated publication record and research expertise in prokaryotic and/or eukaryotic systems and a strong interest in undergraduate education are encouraged to apply. We are interested in applications from excellent candidates who study any aspect of molecular and cellular biology using diverse experimental approaches. Closing date is February 28, 2018.

[Postdoctoral Position in the Leslie Lab at Emory University](#)

The Leslie lab in the Department of Human Genetics at Emory University School of Medicine, in Atlanta, Georgia, is looking for a postdoctoral fellow to join our team. Our lab is focused on understanding the etiology of craniofacial anomalies.

[Postdoctoral Position in Epigenetics and siRNA Function, Wayne State University](#)

Postdoctoral positions to explore X chromosome recognition during *Drosophila* dosage compensation are available at Wayne State University in Detroit, MI.

Recent Publications

For most publications from BMB labs during the past year, see [Recent Publications](#) on the BMB website.

Wood RJ, Ormsby AR, Radwan M, Cox D, Sharma A, Vöpel T, Ebbinghaus S, Oliveberg M, Reid GE, Dickson A, Hatters DM. “A biosensor-based framework to measure latent proteostasis capacity.” *Nat Commun.* (2018) Jan 18;9(1):287. doi: [10.1038/s41467-017-02562-5](https://doi.org/10.1038/s41467-017-02562-5)

Gurchiek JK, Bao H, Domínguez-Martín MA, McGovern SE, Marquardt CE, Roscioli JD, Ghosh S, Kerfeld CA, Beck WF. “Fluorescence and Excited State Conformational Dynamics of the Orange Carotenoid Protein.” *J Phys Chem B.* (2018) Jan 18;. doi: [10.1021/acs.jpccb.7b09435](https://doi.org/10.1021/acs.jpccb.7b09435)

Howe GA. “Plant hormones: Metabolic end run to jasmonate.” *Nat Chem Biol.* (2018) Jan 16;14(2):109-110. doi: [10.1038/nchembio.2553](https://doi.org/10.1038/nchembio.2553)