



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

Seminar Calendar

MONDAY, FEBRUARY 12

[PRL Seminar](#)

Jean-Michel Ané, University of Wisconsin-Madison
"Plant-Microbe interactions and symbioses"
4:10 PM, Room 101 Biochemistry

TUESDAY, FEBRUARY 13

[BMB-PRI Faculty Candidate Seminar](#)

Danhua Jiang, Gregor Mendel Institute, Vienna
"Vernalization and epigenetic inheritance: how plants remember winter to flower"
9:00 AM, Room 1415 BPS

[MMG Seminar](#)

Danielle Garsin, University of Texas Health Science Center
"Interkingdom Interactions of Enterococcus faecalis"
11:00 AM, Room 101 Biochemistry

WEDNESDAY, FEBRUARY 14

[BMB Cryo-EM Faculty Candidate Seminar](#)

S. Saif Hasan, Purdue University
"Neutralization of Enveloped Viruses: Structure Dictates Success"
9:00 AM, Room 1425 BPS

[PharmTox Seminar](#)

Costantino Iadecola, Weill Cornell Medicine
"Adaptive immunity dysregulation in stroke and dementia: the gut takes center stage"
12:00 PM, Room 448 Life Science Building

THURSDAY, FEBRUARY 15

[BMB Colloquium](#)

José Antonio Enriquez Dominguez, Spanish National Center for Cardiovascular Research
"mtDNA Variability Shapes Organismal Metabolism"
11:00 AM, Room 101 Biochemistry

[EEBB Seminar](#)

Mark A. McPeck, Dartmouth University
"Past climate change and the assembly of communities we study today"
3:30 PM, Room 1420 BPS

FRIDAY, FEBRUARY 16

[SATE Seminar](#)

Aaditya Rangan, New York University
"Applications of Numerical Analysis and Scientific Computing to the Biological Sciences"
11:30 AM, Room 1400 BPS

Noteworthy News

The following BMB undergraduate students recently received scholarships:

- **Michael Rankin** – Dr. Leroy Augenstein Memorial Scholarship
- **Colin McCormack** – Dallas J Chapin Endowed Scholarship
- **Jemison Yewah** - Ronald E Goldsberry Family MSU Black Alumni Natural Science Scholarship
- **Raghav Jain** - Nelson-MacLellan Endowed Memorial Scholarship
- **David Errer** - Arnold D & Helen E Suomi Endowed Scholarship

SPARTANS WILL.

Announcements

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

BMB Town Hall Meeting

On Tuesday, February 20th at 4:00 PM, BMB will host a Town Hall meeting in Room 208, Biochemistry. Issues associated with the recent Nassar affair will be discussed. The discussion will be moderated by a group of BMB faculty and staff members.

[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.

[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.

[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.

[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.

Job Postings

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

[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.

Recent Publications

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

Kim SJ, Zemelis-Durfee S, Jensen JK, Wilkerson CG, Keegstra K, Brandizzi F. “In the grass species *Brachypodium distachyon*, the production of mixed linkage (1,3;1,4)-B-glucan (MLG) occurs in the Golgi apparatus.” *Plant J.* (2018) Jan 27. doi: [10.1111/tpj.13830](https://doi.org/10.1111/tpj.13830)

Wei J, Zheng Y, Feng H, Qu H, Fan X, Yamaji N, Feng Ma J, Xu G, Takahashi H. “OsNRT2.4 encodes a dual-affinity nitrate transporter and functions in nitrate-regulated root growth and nitrate distribution in rice.” *J Exp Bot.* (2018) Jan 29. doi: [10.1093/jxb/erx486](https://doi.org/10.1093/jxb/erx486)

Raschka S, Scott AM, Liu N, Gunturu S, Huertas M, Li W, Kuhn LA. “Enabling the hypothesis-driven prioritization of ligand candidates in big databases: Screenlamp and its application to GPCR inhibitor discovery for invasive species control.” *J Comput Aided Mol Des.* (2018) Jan 30. doi: [10.1007/s10822-018-0100-7](https://doi.org/10.1007/s10822-018-0100-7)