



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

Seminar Calendar

MONDAY, FEBRUARY 5

[PRL Seminar](#)

No seminar this week

TUESDAY, FEBRUARY 6

[BMB-PRI Faculty Candidate Seminar](#)

Adam Steinbrenner, University of California, San Diego

"Immune recognition of herbivore-associated cues by plant membrane receptors"

9:00 AM, Room 1415 BPS

[MMG Seminar](#)

Jim Imlay, University of Illinois

"Molecular explanations for the toxicity of oxygen"

11:00 AM, Room 101 Biochemistry

WEDNESDAY, FEBRUARY 7

[3M Seminar](#)

Paula Roszczenko-Jasinska, Martinez-Gomez lab

"Knocking on Bacteria's Door: Insight Into Uptake of Lanthinides by Methylophs"

4:00 PM, Room 1455-A BPS (iCER)

THURSDAY, FEBRUARY 8

[William W. Wells Endowed Lectureship](#)

John (Jack) Johnson, The Scripps Research Institute

"Biophysical Studies of an RNA Virus Particle and its Maturation: Insights into an Elegantly Programmed Nano-machine"

11:00 AM, Room 101 Biochemistry

[EEBB Seminar](#)

Scott Butterfield, The Nature Conservancy, San Francisco Bay Area

"Careers Outside of Academia"

3:30 PM, Room 1420 BPS

FRIDAY, FEBRUARY 9

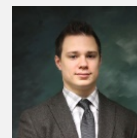
[SATE Seminar](#)

Simon Kuhn, University of Leuven

"Electrification of Chemical Industry: Novel Photochemical Reactors for the Synthesis of Fine Chemicals and Pharmaceuticals "

11:30 AM, Room 1400 BPS

Noteworthy News



Brendyn Smith, an Honors College junior majoring in biochemistry and molecular biology, has been nominated by MSU to receive a Barry M. Goldwater Scholarship. The Goldwater Scholarship was established by Congress in 1986 and is awarded annually to about 300 sophomores and juniors pursuing careers in science, mathematics, and engineering. See [MSU Today](#) and the [Goldwater Scholarship](#) for more information.

SPARTANS WILL.

Announcements

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

MSU Dialogues: Crossing Racial and Other Social Divides

Patricia Gurin is the Nancy Cantor Distinguished University Professor and the Arthur Thurnau Professor, Emerita, at the University of Michigan. Her research interests include the role of social identities in individual and collective behavior, political mobilization of groups traditionally underrepresented in U.S. politics, and the educational and social implications of diversity in both higher education and the broader society.

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.

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](#).

[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.

Recent Publications

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

Pak D, Du N, Kim Y, Sun Y, Burton ZF. “Rooted tRNAomes and evolution of the genetic code.” *Transcription*. (2018) Jan 26;1-31. doi: [10.1080/21541264.2018.1429837](https://doi.org/10.1080/21541264.2018.1429837)