



## Seminar Calendar

### MONDAY, FEBRUARY 25

#### [Molecular Plant Science Seminar](#)

Jose Pruneda-Paz, University of California-Davis

*"Identifying novel mechanisms that regulate circadian clock and defense responses in Arabidopsis"*

4:10 PM, Room 101 Biochemistry

### TUESDAY, FEBRUARY 26

#### [The Exchange](#)

Science Policy – feedback from our Washington, D.C. visit

8:00 AM, Room 208

#### [MMG Seminar](#)

Kelly Rice, University of Florida

*"Bacterial Nitric Oxide Synthase Effects on Staphylococcus aureus Metabolism and Stress Resistance"*

4:10 PM, Room 1415 BPS

### WEDNESDAY, FEBRUARY 27

#### [\(3M\) Interest Group](#)

Nathan Good & Paula Roszczenko-Jasinska, Martinez-Gomez Lab

Paula: *"Transport of lanthanides by methylotrophs"*

Nathan: *"Metabolic impacts of La-dependent alcohol dehydrogenases in Methylobacterium extorquens AM1"*

4:00 PM, Room 14555-A BPS (iCER)

### THURSDAY, FEBRUARY 28

#### [BMB Colloquium](#)

Terje Dokland, University of Alabama at Birmingham

*"Bacteriophages and the mobilization of Staphylococcus aureus pathogenicity islands—the pirates of the Caudovirales"*

11:00 AM, Room 101 Biochemistry

#### [EEBB Seminar](#)

Craig Miller, University of California, Berkeley

*"Fishing for the genetic basis of vertebrate evolution, development, and regeneration"*

3:30 PM, Room 1420 BPS

### FRIDAY, MARCH 1

#### [Science at the Edge](#)

Danny Hatters, University of Melbourne

*"Proteostasis Imbalance in Health and Neurodegeneration"*

11:30 AM, Room 1400 BPS

## Noteworthy News



BMB graduate students Robert Fidis, Brandon Rohnke, Aiko Turmo and Kayla Johnson were joined by BMB professor David Arnosti on a trip to Capitol Hill. The students met with congressional representatives from Michigan to advocate for science funding. The trip was sponsored by the American Society of Biochemistry and Molecular Biology. Find out more about the trip [here](#).

**SPARTANS WILL.**

## Announcements

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

### [Graduate Student Workshops and Events](#)

#### [NatSci College Climate Survey](#)

Students, faculty and staff will receive an invitation by email to participate in a survey administered by the College of Natural Science. The purpose of the survey is to assess diversity and inclusion in NatSci. A report will be made available this summer. Please participate!

#### [Volunteers Needed for Fascination of Plants Day](#)

The third edition of Fascination of Plants Day at Michigan State University (FoPD@MSU) will be held on Saturday, May 18th from 11 am to 4 pm. This year's event will take place in collaboration with both the MSU Broad Museum and the East Lansing Arts Festival. We seek enthusiastic plant scientists (undergrads, grad students, post-docs and faculty) to help us share our fascination of plants and participate in multiple capacities.

#### [Graduate Student Support Group](#)

A graduate student support group is meeting each Friday from 9-10 AM at Olin Health Center. Sessions are led by group leaders, and topics revolve around the challenges faced by graduate students.

#### [Evolution and Core Processes in Gene Expression](#)

An ASBMB Special Symposia Series will be taking place at MSU May 9 - 12, 2019. The focus is on connections between gene expression and evolution, bringing in new aspects of plant genomics and computational evolution. We have recruited an exciting lineup of internationally prominent speakers for this year's meeting. We look forward to highlighting trends in evolution and gene expression, including applications in computational and experimental evolution and plant sciences.

## Recent Publications

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

Zuo Z, Weraduwege SM, Lantz AT, Sanchez LM, Weise SE, Wang J, Childs K, Sharkey TD. "Isoprene Acts as a Signaling Molecule in Gene Networks Important for Stress Responses and Plant Growth." *Plant Physiol.* (2019) Feb 13. doi: [10.1104/pp.18.01391](https://doi.org/10.1104/pp.18.01391)

Quinn RA, Adem S, Mills RH, Comstock W, DeRight Goldasich L, Humphrey G, Aksenov AA, Melnik AV, da Silva R, Ackermann G, Bandeira N, Gonzalez DJ, Conrad D, O'Donoghue AJ, Knight R, Dorrestein PC. "Neutrophilic proteolysis in the cystic fibrosis lung correlates with a pathogenic microbiome." *Microbiome.* (2019) Feb 13;7(1):23. doi: [10.1186/s40168-019-0636-3](https://doi.org/10.1186/s40168-019-0636-3)