



## Seminar Calendar

### MONDAY, MARCH 25

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

Christine Queitsch, University of Washington

*"Exploring the complex relationships between chromatin accessibility, sequence variation, and gene expression with new technology"*

4:10 PM, Room 101 Biochemistry

### TUESDAY, MARCH 26

#### [The Exchange](#)

Journal Club

8:00 AM, Room 208 Biochemistry

#### [MMG Seminar](#)

Marina Kalyuzhnaya, San Diego State University

*"Coping with Gaia's Breath: Does Biology Matter?"*

4:10 PM, Room 1415 BPS

### WEDNESDAY, MARCH 27

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

Phillip Delekta, Hammer Lab

*"The role of metabolic flexibility in host fatty acid tolerance of *Staphylococcus aureus*"*

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

### THURSDAY, MARCH 28

#### [BMB Colloquium](#)

Rui Zhao, University of Colorado — Denver

*"Structure and function of spliceosome"*

11:00 AM, Room 101 Biochemistry

#### [EEBB Seminar](#)

Diego Salazar, Florida International University

*"Plant Chemical Diversity: Exploring a Different Dimension of Biological Complexity Across Multiple Scales"*

3:30 PM, Room 1420 BPS

### FRIDAY, MARCH 29

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

JohnJoe McFadden, University of Surrey, United Kingdom

*"Life on the Edge: The Coming of Age of Quantum Biology"*

11:30 AM, Room 1400 BPS

## Noteworthy News

Several MSU graduate (Dan Lybrand/BMB/Last lab, Amanda Koenig/GEN/MPS/Hoffmann-Benning lab) and undergraduate (Chase Lindeboom/BMB/Benning lab, Briaunna Murray/NEU/ Hoffmann-Benning lab) students attended the Midwest ASPB meeting at West Virginia University last weekend and all gave outstanding poster and oral presentations. Chase Lindeboom received 2nd place for undergraduate oral presentations, Briaunna Murray 2nd place for her undergraduate poster presentation, and Amanda Koenig 3rd place for oral graduate student presentation. Congratulations to those students for their accomplishments!



Part of the MSU group at MWASPB v.l.: Christoph Benning, Zhiyan (Rock) Du, Chase Lindeboom, Briaunna Murray, Susanne Hoffmann-Benning, Amanda Koenig

**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](#)

#### [It's On Us to Support Survivors: A Workshop for Graduate Students at MSU](#)

COGS will host a workshop where presenters will discuss how to be supportive to an individual who is a survivor of sexual assault or relationship violence. The workshop takes place at Erickson Hall, Room 128, on Friday April 5th. Registration required.

#### [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.

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

We are delighted to invite you to the ASBMB Special Symposium on Evolution and Core Processes in Gene expression, to be held here at MSU May 9 - 12, 2019. We have a great group of distinguished speakers, including Mike Eisen from UC Berkeley (developmental gene expression in the embryo), Greg Wray from Duke (evo/devo), Audrey Gasch from UW Madison (gene networks), Chris Rushlow from NYU (pioneer transcription factors), and Phil Benfey from Duke (root gene networks). Early registration rates before March 14th, ASBMB members receive a discount!

## Recent Publications

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

Li J, Weraduwage SM, Peiser AL, Tietz S, Weise SE, Strand DD, Froehlich JE, Kramer DM, Hu J, Sharkey TD. "A Cytosolic Bypass and G6P Shunt in Plants Lacking Peroxisomal Hydroxypyruvate Reductase." *Plant Physiol.* (2019) Mar 18;. doi: [10.1104/pp.19.00256](https://doi.org/10.1104/pp.19.00256)

McClain AM, Sharkey TD. "Triose phosphate utilization and beyond: from photosynthesis to end product synthesis." *J Exp Bot.* (2019) Mar 13;. doi: [10.1093/jxb/erz058](https://doi.org/10.1093/jxb/erz058)

Santos-Merino M, Singh AK, Ducat DC. "New Applications of Synthetic Biology Tools for Cyanobacterial Metabolic Engineering." *Front Bioeng Biotechnol.* (2019) Feb 27;7:33. doi: [10.3389/fbioe.2019.00033](https://doi.org/10.3389/fbioe.2019.00033)