



Please send submissions to Steve Lundback, [lundback@msu.edu](mailto:lundback@msu.edu), 212 Biochemistry (Mailbox on 2<sup>nd</sup> Floor)

## Seminar Calendar

### MONDAY, FEBRUARY 18

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

Michael Phillips, University of Toronto

*"Isotopic labeling studies in plant terpenoid metabolism"*

4:10 PM, Room 101 Biochemistry

### TUESDAY, FEBRUARY 19

#### [The Exchange](#)

Journal Club – Prof. Monica Dus, University of Michigan

8:00 AM, Room 208

#### [MMG Seminar](#)

Beth Moore, University of Michigan

*"Innate and Adaptive Host Defense Post-Stem Cell Transplant"*

4:10 PM, Room 1415 BPS

### WEDNESDAY, FEBRUARY 20

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

No seminar

### THURSDAY, FEBRUARY 21

#### [BMB Colloquium](#)

Monica Dus, University of Michigan

*"Reshaping of Feeding Behavior by a High Sugar Diet"*

11:00 AM, Room 101 Biochemistry

#### [EEBB Seminar](#)

Mariah Meek, Department Integrative Biology, MSU

*"Unnatural selection and genetic drift: Fish population genomics in human dominated ecosystems"*

3:30 PM, Room 1420 BPS

### FRIDAY, FEBRUARY 22

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

Michael Gooseff, University of Colorado

*"Arctic Oases - Rivers and their Icings Promote Habitats and Hotspots Year Round"*

11:30 AM, Room 1400 BPS

## Noteworthy News



Sophia Lunt was awarded the 2019 [METAvivor Early Career Investigator Award](#), a 1-year award that provides \$50,000 to early career applicants. METAvivor funds research that specifically addresses the mechanistic understanding, diagnosis, and/or treatment of metastatic breast cancer with the goal of eradicating death due to this disease by relegating it to a chronic manageable disease. The Lunt lab will investigate targeting sialic acid metabolism to stop metastatic breast cancer.

**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](#)

#### [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.

#### [Annual Series of "Thriving at Michigan State University" Workshops](#)

This year, the Academic Advancement Network in collaboration with Academic Human Resources will host their annual series of "Thriving at Michigan State University" workshops to provide faculty and academic specialists with important information and strategies on how to be successful in their careers at our institution. Content will be tailored for each appointment type's specific needs. Workshops will be held in January and February of 2019.

#### [Proteos Technician / Summer Internship Positions](#)

Proteos (Kalamazoo, MI) has an immediate opening for a [technician](#) and several [summer internship](#) positions available. Proteos provides recombinant protein expression and purification services.

## Recent Publications

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

Pei J, Zheng Z, Merz KM. "Random Forest Refinement of the KECSA2 Knowledge-based Scoring Function for Protein Decoy Detection." *J Chem Inf Model.* (2019) Feb 6. doi: [10.1021/acs.jcim.8b00734](https://doi.org/10.1021/acs.jcim.8b00734)

Kirberger SE, Ycas PD, Johnson JA, Chen C, Ciccone MF, Woo RWL, Urick AK, Zahid H, Shi K, Aihara H, McAllister SD, Kashani-Sabet M, Shi J, Dickson A, Dos Santos CO, Pomerantz WCK. "Selectivity, ligand deconstruction, and cellular activity analysis of a BPTF bromodomain inhibitor." *Org Biomol Chem.* (2019) Feb 1. doi: [10.1039/c8ob02599a](https://doi.org/10.1039/c8ob02599a)

Hausinger RP. "New metal cofactors and recent metallocofactor insights." *Curr Opin Struct Biol.* (2019) Jan 31;59:1-8. doi: [10.1016/j.sbi.2018.12.008](https://doi.org/10.1016/j.sbi.2018.12.008)

Parent K, Underwood S, Matz R. "A Three-Dimensional Approach to Connecting Biology and Chemistry." *Scientia Global.* (2019) Jan 30. doi: [10.26320/SCIENTIA310](https://doi.org/10.26320/SCIENTIA310)