



Please send submissions to Jeff Mason, masonje6@msu.edu

Seminar Calendar

MONDAY, FEBRUARY 1

[Molecular Plant Science Seminars](#)

Noah Whiteman, University of California-Berkeley

“My model organism eats your model organism: Evolution of a *Drosophila* that attacks *Arabidopsis*”

4:00 PM [Zoom link](#) (Passcode: 941910)

TUESDAY, FEBRUARY 2

The Exchange – (Science discussion for BMB graduate students)

8:00 AM

Email David (arnosti@msu.edu) for the Zoom link and password

[Microbiology & Molecular Genetics Seminars](#)

Michaela TerAvest, MSU “Sustainable Biotechnologies with Electric Bacteria”

3:10 PM [Zoom link](#).

Email Ashley (shadeash@msu.edu) or Gemma (reguera@msu.edu) for the password

WEDNESDAY, FEBRUARY 3

Metabolism, Membranes and Metalloenzymology Interest Group

Ben Orlando, MSU

“Molecular Glue and Domain Motions in the Sodium-Potassium-Chloride Cotransporter”

4:00 PM Email Teri (compeaut@msu.edu) for the Zoom link

THURSDAY, FEBRUARY 4

[BMB Seminar Series](#)

Chanhong Kim, Shanghai Center for Plant Stress Biology

“From singlet oxygen signaling to chloroplast protein import pathways: An unforeseen adventure”

9:00 AM ***Please note the start time for this week only***

Email Ashley (clarkas@msu.edu) for the Zoom link

[EEB Seminar Series](#)

Seema Sheth, North Carolina State University

“Does the evolution of thermal tolerance shape patterns of rarity, invasion, and population responses to climate change?”

3:30 PM Email Barbara (eeb@msu.edu) for the Zoom link

Announcements

Noteworthy News



Please join me in congratulating Kevin Haudek and Carol Wilkins for receiving 2021 BMB Teaching Awards. These exceptional faculty were nominated because their teaching and scholarship contributions within the department were outstanding and the department wanted to recognize and appreciate them.

SPARTANS WILL.

[Women in Research Month](#) (February 11 to March 8) A series of events will be organized by the MSU Office of the Vice President of Research and Innovation to celebrate the Women in research of our community. February 11-13 - Screening of the documentary "Picture a Scientist". Register [here](#) by February 6.

Slavery to Freedom: February lecture series. The Dr. William G. Anderson Lecture Series, Slavery to Freedom, which focuses on the history and legacy of African Americans in the United States will be held virtually on [February 4](#), [February 11](#), & [February 25](#). All activities are free of charge. Click on the links for registration information.

Click [here](#) to learn more about MSU's new VERITIES (Virtue-based Education for Responsibility and Integrity To Increase Excellence in STEM), an NSF-funded project designed to help STEM and related research communities see professional ethics as constitutive of their professional identity and central to their practice. It is not a set of new protocols, but rather a dialogue-based, workshop approach to fulfilling the Responsible Conduct of Research (RCR) requirements already in place.

The Precision Medicine Task Group of the Metabolomics Society in partnership with Metabolomics Association of North America (MANA) is organizing a virtual workshop on Single Cell Metabolomics, to be held on Friday February 26, 2021 10:00 am - 13.00 pm EST. All participants are welcome to register for free by emailing Lisa Howerton (lisa.howerton@duke.edu).

A synthetic biology postdoctoral position is open in [Andrew Hanson's](#) group at University of Florida. The Hanson group is applying synthetic biology approaches to engineering plant and microbial metabolism. Their research aims for utility to agriculture and the bioeconomy. Please send a letter of application, a detailed CV, and names and email addresses of three referees to adha@ufl.edu.

Dr. Li's research group at the School of Plant and Environmental Sciences, Virginia Tech, is looking for a postdoctoral associate to work on single cell regulatory network analysis in plant roots. The appropriate candidate should have a strong interest in plant genomics, network analysis, sequence analysis and machine learning. Click [here](#) to apply or to learn more about the position.

Recent Publications

Dutagaci B, Nawrocki G, Goodluck J, Ashkarran AA, Hoogstraten CG, Lapidus LJ, Feig M. "Charge-driven condensation of RNA and proteins suggests broad role of phase separation in cytoplasmic environments." *Elife*. January 2021. Online ahead of print.

"Kinetic analysis of the intracellular processing of siRNAs by confocal microscopy"
Vocelle D, Chesniak OM, Smith MR, Chan C, Walton SP. *Microscopy*. Volume 69. December 2020.

Burrows CJ, ..., Merz KM, ..., Laskin J. "Confronting Racism in Chemistry Journals." *ACS Biomater Sci Eng*. July 2020.

Moyne O, ..., Quinn RA, ..., Gouëllec AL. "Metabotypes of *Pseudomonas aeruginosa* Correlate with Antibiotic Resistance, Virulence and Clinical Outcome in Cystic Fibrosis Chronic Infections." *Metabolites*. Volume 11. January 2021.