



## Seminar Calendar

### Monday, April 11

#### [Microbiology & Molecular Genetics Work in Progress Seminars](#)

Shramana Chatterjee (Hausinger lab) "Characterization of a [4Fe-4S]-dependent LarE for nickel-pincer nucleotide cofactor synthesis in *Thermotoga maritima*"

Rose Kithan (Sundin lab) "Interplay Between Innate Immunity and the Microbiome in Apple Fruit"

Noon

[Zoom link](#). Email Rob ([abramov5@msu.edu](mailto:abramov5@msu.edu)) for the password

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

Kenichi Tsuda, Huazhong Agriculture University

"Plant interactions with pathogenic and commensal bacteria"

4:00 PM

[Zoom link](#) (Passcode: 862930)

### Tuesday, April 12

**The Exchange** – (Science discussion for BMB graduate students)

"Journal Club: Stephanie Hicks, Johns Hopkins - biostatistics"

8:00 AM

Email David ([arnosti@msu.edu](mailto:arnosti@msu.edu)) for the Zoom link and password

#### [PRL Tuesday Noon Seminars](#)

Daipayan Sarkar, MSU (Vermaas Lab) "Large scale molecular dynamics simulation of photosynthetic metabolites across bacterial micro-compartments"

Noon

[Zoom link](#) (passcode prl2021)

#### [Microbiology & Molecular Genetics Seminars](#)

Joseph Zackular, University of Pennsylvania "Pathogen-microbiota cooperation during *Clostridioides difficile* infection"

3:10 PM

[Zoom link](#)

Email [MMG.Seminars@campusad.msu.edu](mailto:MMG.Seminars@campusad.msu.edu) for the password

### Wednesday, April 13

**Metabolism, Membranes and Metalloenzymology Interest Group**

Hyojin (Kelly) Kim

"Post-translational targeting of tail-anchored proteins to the ER membrane"

## Noteworthy News



Please join me in congratulating the following BMB award winners.

BMB Teaching Award: Sophia Lunt

Jack Throck Watson Award: Aiko Turmo

BMB Outstanding Graduate Award:  
Kayla Johnson

BMB Graduate Research Award:  
Mohammad Aljazi

Byerrum Fellowships: Garret Miller &  
Fabio Gomez-Cano BMB

Outstanding Postdoc: Yann-Ru Lou

Suelter Endowment: Maria Santos-Merino

Scientific Staff Awards: Tony Schillmiller,  
Sundhar Subramanian and Maria  
Magallanes-Lundback

BMB Staff Award: Mary Villarreal

**SPARTANS WILL.**

4:00 PM

Email Teri (compeaut@msu.edu) for the Zoom link

### **Thursday, April 14**

#### **BMB Seminar Series**

Stephanie Hicks, Johns Hopkins Bloomberg School of Public Health

“Scalable statistical methods and software for single-cell data science”

11:00 AM

[Zoom link](#) (Passcode: 698925)

#### **EEB Seminar Series**

Elizabeth Heath-Heckman, MSU

“It isn’t just what you say, but how you say it: Context dependent signaling between partners in the squid-vibrio symbiosis”

3:30 PM

Email Barbara (eeb@msu.edu) for the Zoom link

## **Announcements**

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Postdocs interested in attending the NPA Annual Conference, the largest national conference and networking event dedicated to the postdoctoral community for free (\$449 value), should contact Aaron (reiflera@msu.edu). The virtual event is set for April 28 - 29. Conference attendees - postdoctoral scholars, administrators, faculty, and representatives from disciplinary societies, industry, and corporations - are provided with the opportunity to network and enhance their professional development and leadership skills.

Are you interested in sharing your love of science or volunteer hours? Please consider volunteering for the Michigan Science Olympiad State Tournament held [HERE](#) on MSU’s campus, all day Saturday, April 30th. Science Olympiad is a middle and high school program where students study all different fields of science and compete at the regional, state, and national level. You can read more about it [here](#) or [here](#). The link to sign up is [here](#) and questions can be directed to ([msuolymp@gmail.com](mailto:msuolymp@gmail.com)).

The Brandizzi lab has one additional undergraduate research position open starting immediately for assistance with Arabidopsis thaliana research. The position involves making media in sterile conditions, sterilizing Arabidopsis seeds, growing, and screening plants, cloning, growing Ecoli and Agrobacterium cultures, as well as general lab maintenance. Questions should be sent to (burkartg@msu.edu).

Dr. Shachar-Hill and Joshua Kaste will be running a four-day workshop on metabolic modeling May 9 - 12. This four-day workshop will present an introduction to the quantitative analysis of metabolism, with an emphasis on plants. The theory, experimental methods, and literature of a range of approaches to understanding the functioning of metabolic networks will be covered in lectures. Hands-on experience to give participants a feel for the operation of metabolic pathways and networks will be gained in computer lab sessions. Participants can attend the lectures only or both the lectures and the hands-on sessions. For details, click [here](#). For questions, contact ([kastejos@msu.edu](mailto:kastejos@msu.edu)).

The MSU Genetics & Genome Sciences (GGS) Program is hosting their annual mini-symposium entitled “Precision Genomics: Beating Big Data Bottlenecks”. This symposium hopes to inspire with discussion on how the latest technology is being used to generate and integrate data sources for improved genomics research in humans, animals and plants. The symposium will be held on Tuesday, May 10th from 8-5 in the