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) 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) 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 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 Schilmler, Sundhar Subramanian and Maria Magallanes-Lundback
- **BMB Staff Award**: Mary Villarreal

**SPARTANS WILL.**
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**

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).

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).

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...
Molecular Plant Sciences Building. There is no charge for the symposium, and lunch will be provided. Program and registration information is available at [here](#).

The School of Journalism is again offering an online summer graduate science communication class. It is run as an asynchronous special topics class, JRN 892 Sec 730-Online section. Topic: Science Communication. This class teaches students to explain science and research to public audiences. Students learn to find the story in their work and to write succinctly, engagingly and with focus. It even teaches you to turn an academic study into a TikTok. Some basic video storytelling skills are covered.

The University of Houston has a job opening for a lab maintenance supervisor for their Mass spectrometry core facility. Email Venkatesh with questions ([vbalan@central.uh.edu](mailto:vbalan@central.uh.edu)).

The University of Illinois at Urbana/Champaign is looking to fill an opening for the position of Director of Metabolomics. Email Peter ([pmyau@illinois.edu](mailto:pmyau@illinois.edu)) with questions.

### Recent Publications


