



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

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Seminar Calendar

MONDAY, APRIL 26

[Plant Resilience Institute Seminar](#)

Michael Udvardi, Chief Scientific Officer, Noble Research Institute
“Functional genomics of symbiotic nitrogen fixation in legumes”

1:00

Email Robin Buell (buell@msu.edu) for the Zoom link

[Molecular Plant Science Seminars](#)

Craig Pikaard, Indiana University Bloomington
“Gene silencing by RNA-directed DNA methylation”

4:00 PM

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

TUESDAY, APRIL 27

The Exchange – (Science discussion for BMB graduate students)
“Scientific Verities, Part II - Curiosity”

8:00 AM

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

WEDNESDAY, APRIL 28

Metabolism, Membranes and Metalloenzymology Interest Group

Kody Duhl (TerAvest lab)
“Restructuring the electron transport chain for adaptable growth in *Shewanella oneidensis* MR-1”

4:00 PM

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

THURSDAY, APRIL 29

[BMB Seminar Series](#)

Julie St. Pierre, University of Ottawa
“Metabolic dependencies in cancer progression”

11:00 AM

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

Announcements

Check out MSU's COVID-19 [website](#) for the latest information / news / updates.

Noteworthy News



Congratulations to BMB undergraduate students Trevor Dalrymple, Benjamin West, Liz Christensen and Kate Adams-Bone, who received UURAF (University Undergraduate Research and Arts Forum) first place awards.

UURAF provides MSU undergraduate students with an opportunity to showcase their scholarship and creative activity.

Held each spring, UURAF brings together an intellectual community of highly motivated students to share their work with faculty, staff, peers, and external audiences.

SPARTANS WILL.

MSU is offering a virtual lunch and learn “Rethinking Syllabi for remote and In-person Classes” Wednesday, April 28, 2021 - 12:00pm to 1:00pm. Syllabi are considered the recipe for success for students. Therefore, it is important to be aware about using clear and inclusive syllabus language to help students of all backgrounds succeed, as well as to communicate expectations and a culture of care. [Register here](#).

The [Hariri](#) lab at Wayne State University is searching for a post-bac technician to study organelle communication and metabolism in yeast and mammalian tissue cultures. You will learn genetic manipulation, cell culture, imaging techniques, and image analysis. This position is ideal for recent graduates looking for research experience before applying to graduate or professional schools. Apply [here](#) using posting # 045405. Email [Hanna](#) with questions.

The Kellogg Biological Station will be hosting three Eminent Ecologists this summer. [Dr. Francesca Cotrufo](#) and [Dr. Keith Paustian](#) (Colorado State University, June 7-11), and [Dr. Taylor Ricketts](#) (University of Vermont & Gund Institute for Environment, June 28-July 2). Everyone is welcome to participate. See their [website](#) for more details.

The Biophysical Society is presenting "Biomolecular Modeling in the Age of Machine Learning" May 21 from 8 am - 2 pm EST, featuring presentations from leaders in the field in molecular simulations, as well as a poster session and a social hour. The [registration](#) is free and open for everyone.

The 2021 BMB Responsible Conduct of Research training will be held via Zoom on April 30th at 2 pm. This training is required of all faculty, grad students, postdocs and research staff. Email [Ashley](#) with questions or for the Zoom link and password.

Recent Publications

Yin X, Busch FA, Struik PC, Sharkey TD. “Review-Evolution of a biochemical model of steady-state photosynthesis.” *Plant Cell Environ.* Volume 44. April 2021.

Montgomery BM. “My most memorable mentors? Plants.” *Nature.* Volume 592. April 2021.

Gupta R, Leimanis ML, Adams M, Bachmann AS, Uhl KL, Bupp CP, Hartog NL, Kort EJ, Olivero R, Comstock SS, Sanfilippo DJ, Lunt SY, Prokop JW, Rajasekaran S. “Balancing Precision vs. Cohort Transcriptomic Analysis of Acute and Recovery Phase of Viral Bronchiolitis.” *Am J Physiol Lung Cell Mol Physiol.* Volume 320. April 2021.