



Please send submissions to Jeff Mason, [masonje6@msu.edu](mailto:masonje6@msu.edu)

## Seminar Calendar

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### MONDAY, MARCH 15

#### [Plant Resilience Institute Seminar](#)

Erika Edwards, Yale University

“The distinct yet occasionally interconnecting evolutionary trajectories of C4 and CAM photosynthesis in plants”

1:00 Email Robin Buell ([buell@msu.edu](mailto:buell@msu.edu)) for the Zoom link

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

Silke Robatzek, Ludwig-Maximilians-Universität München

“Plant immunity and bacterial infection”

12:00 NOON \*\*Please note the time change for this week only\*\* [Zoom link](#) (Passcode: 941910)

### TUESDAY, MARCH 16

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

“VERITIES Project: a new concept of scientific virtues training”

8:00 AM Email David ([arnosti@msu.edu](mailto:arnosti@msu.edu)) for the Zoom link and password

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

Evan Angelos, MSU (Brandizzi Lab) – “The UPR regulator IRE1, promotes balanced organ growth by restricting TOR-dependent control of cellular differentiation in Arabidopsis”

Noon [Zoom link](#) (passcode 941910)

### WEDNESDAY, MARCH 17

#### **Metabolism, Membranes and Metalloenzymology Interest Group**

Mihiravi Gunasekara (Hong lab)

“Is the lipid bilayer a good solvent for the denatured state of membrane proteins”

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

### THURSDAY, MARCH 18

#### [BMB Seminar Series](#)

iGEM seminar - The whole team (Kate Adams-Boone, Emma Boismier, Shelby Santos, Tyler Criss, Emma Rico, Alexander Szura, and Kalynn Bird) will present a recap of the 2020 project and pitch some ideas for 2021.

11:00 AM Email Ashley ([clarkas@msu.edu](mailto:clarkas@msu.edu)) for the Zoom link

### FRIDAY, MARCH 19

#### [Plant Biology Seminar Series](#)

Frank Telewski, MSU

“A Wind in the Willows: Thigmomorphogenetic Response in Woody Plants”

3:30 PM

Email Chasidy ([perezch2@msu.edu](mailto:perezch2@msu.edu)) for the Zoom link

## Announcements

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Applications are being accepted for the Pamela J Fraker Undergraduate Scholarship, which is given to undergraduates who have attained at least sophomore status (and will be a student during the Fall 2021 semester), carry a 3.0 or higher GPA, and have a demonstrated financial need. Scholarships can be given to both BMB majors as well as non-BMB majors who are conducting research in a BMB lab. Applications will be accepted until Friday, March 19th, at 5pm and can be found [here](#). Questions should be directed to Mary Villarreal ([villar30@msu.edu](mailto:villar30@msu.edu)).

BIPOC STEM graduate student looking for an opportunity to build a community should join the BMB DEI committee Zoom on Friday, March 19th at 7 PM for a Movie Night. Register [here](#).

The 2021 Responsible Conduct of Research training will be held via zoom on April 30th at 2 pm. Please keep in mind that this training is required of all BMB Faculty, grad students, postdocs and research staff. Zoom Link [here](#). Email Ashley ([clarkas@msu.edu](mailto:clarkas@msu.edu)) for the password.

Chen Zhang's (former MSU PhD student) group at Biomarin is looking for a highly motivated team member with protein purification and or AAV vector purification experience to be a key contributor in Manufacturing Science and Technology (MSAT) Purification and Analytical group. Incumbent will be responsible for improving process understanding and supporting manufacturing investigations of AAV-based gene therapy drug products. BS, MS and PhDs can all apply [here](#).

The Plant Resilience Institute is interviewing candidates for their open PRI Postdoctoral Fellows positions. Monday March 16th, 2021 @ 2 pm. Po-An Lin, Pennsylvania State University "Drought-Plant-Insect Interactions: Anti-herbivore defenses and insect-induced drought responses." Monday March 22nd, 2021 @ 1pm. Daniel Anstett, University of British Columbia "Evolution of plant resilience across latitudinal gradients in an era of climate change." Wednesday March 24th, 2021 @ 4pm Stephanie Schmiege, Columbia University "Carbon conundrums: Plant respiration in a changing climate." Email David Lowry ([dlowry@msu.edu](mailto:dlowry@msu.edu)) for the Zoom link and password.

Neil Bowlby ([bowlby@msu.edu](mailto:bowlby@msu.edu)) is offering repair services in room 15A BCH. Some of the services include repair/refurbish most lab equipment, brush replacement on RC5 centrifuges, custom fabrication of lab apparatus, refill/recharge black HP printer toner, pipet calibration/repair. Also, he has several items of refurbished lab equipment, including microcentrifuges, benchtop shaking platforms, and spectrophotometers, with more to come. Learn more [here](#).

## Recent Publications

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Brose J, Lau KH, Dang TTT, Hamilton JP, Martins LdV, Hamberger B, Hamberger B, Jiang J, O'Connor SE, Buell CR. "The *Mitragyna speciosa* (Kratom) Genome: A resource for data-mining potent pharmaceuticals that impact human health." *G3*. Volume 11. March 2021.

Williams TM, Bleau J, Allen ML, Seamans GS, Cannon B, Fontaine N, Halane M, Koopman R, Makunga NP, Moroenyane I, Soto T, Montgomery BL, [Black Botanists Week Committee]. "Growing a Community: The Inaugural #Blackbotanistsweek Recap and Looking Forward." *Taxon*. Volume 70. February 2021.