



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

## Seminar Calendar

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### MONDAY, NOVEMBER 9

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

Sreejata Bandopadhyay (Shade lab) “Resuscitation and assembly of the rhizosphere microbiome in response to plant stress”

Noon

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

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

Lars Østergaard, John Innes Centre

“Heart-breaking stories from the shepherd’s purse; on the basis of fruit shape diversity”

4:00 PM

[Zoom link](#) (Passcode: 941910)

### TUESDAY, NOVEMBER 10

#### [The Exchange](#) – (Science discussion for BMB graduate students)

“Deal with the stress; practical tips and resources”

8:00 AM

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

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

Sarathi Weraduwege, MSU (Sharkey Lab) – “Source of  $^{12}\text{C}$  in Calvin Benson cycle intermediates and isoprene emitted from plant leaves fed with  $^{13}\text{CO}_2$ ”

Noon

[Zoom link](#) (passcode 941910)

### THURSDAY, NOVEMBER 12

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

Yan Bao, MSU

“A family of  $\alpha/\beta$  hydrolases contribute to tocopherol homeostasis in Arabidopsis”

11:00 AM

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

### FRIDAY, NOVEMBER 13

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

Rachael Germain, University of British Columbia

3:30 PM

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

## Announcements

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## Noteworthy News



Would you like to recognize your undergrad, grad student or postdoc in this section? Please send me ([masonje6@msu.edu](mailto:masonje6@msu.edu)) their name and a short description of their accomplishment(s). I love to feature what the next generation of young scientists are doing. If they have a recent publication, award, fellowship, or anything else worth recognizing, please let me know about it.

**SPARTANS WILL.**

Responsible Conduct of Research, Scholarship and Creative Activity (RCRSCA): Workshop Series:

This workshop series is intended to support the efforts of departments and graduate programs in fostering responsible research/scholarly practices. The expectation is that student/trainee research/scholarship will be of higher quality, and that students/trainees will be better able to avoid and respond to situations involving irresponsible research/scholarly practices and behaviors. [Click here to learn more and register.](#)

Archive of Resource Materials from the Virtual Graduate Welcome & Resource Fair 2020:

Whether or not you were able to make it to the virtual orientation event, they have kept the event page active so that you are able to access the breadth of resources uploaded there, including [video introductions](#) to people, groups and organizations; and [presentations and resources](#) from the Dean & Director-led workshops that took place.

Visit: [grad.msu.edu/ResourceFair2020](http://grad.msu.edu/ResourceFair2020)

Peter Lundquist is hiring a talented post-doc to lead a multi-year study of biochemical and physiological adaptations of maize. This project desires to understand how application of managed variables impact maize physiology to promote stress tolerance and to identify opportunities to improve applications for better growth under environmental challenges. The incumbent will be responsible for analyses of prenyl-lipids and phenolic compounds, performing RNA-seq experiments, collecting photosynthetic measurements, and other physiological measurements from field-grown and greenhouse-grown maize.

Apply at [careers.msu.edu](http://careers.msu.edu) under job ID: 675450

## Recent Publications

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McCracken J, Casey TM, Hausinger RP. "1H-HYSCORE Reveals Structural Details at the Fe(II) Active Site of Taurine:2-Oxoglutarate Dioxygenase." *Applied Magnetic Resonance*. Volume 51. October 2020.

Edwards M, Johnson MDL, Fernandez RW, Montgomery BL, Adelaja A, Akingbade T. Mentoring to Foster a Diverse Future. *Cell*. Volume 183. October 2020.

Ogrodzinski MP, Teoh ST, Lunt SY. "Targeting subtype-specific metabolic preferences in nucleotide biosynthesis inhibits tumor growth in a breast cancer model." *Cancer Res*. Volume 80. November 2020. Online ahead of print.

Montgomery BL. "Lessons from Microbes: What Can We Learn about Equity from Unculturable Bacteria?" *mSphere*. October 2020.

Nath A, Oak A, Chen KY, Li I, Splichal RC, Portis J, Foster S, Walton SP, Chan C. "Palmitate-induced IRE1-XBP1-ZEB signaling represses desmoplakin expression and promotes cancer cell migration." *Mol Cancer Res*. October 2020. Online ahead of print.

Li P, Merz KM. "Parameterization of a Dioxygen Binding Metal Site Using the MCPB.py Program." *Structural Genomics*. October 2020.

Jiang N, Dillon FM, Silva A, Gomez-Cano L, Grotewold E. "Rhamnose in plants - from biosynthesis to diverse functions." *Plant Science*. Volume 302. January 2021. Online ahead of print.