



Seminar Calendar

MONDAY, SEPTEMBER 28

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

Jonathan Kaletka (Hardy lab) “The Role of Extracellular Vesicles during *Listeria monocytogenes* Placental Infection”

Justin Lee (Hardy lab) “*Listeria monocytogenes* Infection During Pregnancy Alters Gene Expression in the Fetal Mouse Brain”

Noon

Email Rob (abramov5@msu.edu) for the Zoom link and password

[Molecular Plant Science Seminars](#)

Yinong Yang – Penn State

“Improving CRISPR/Cas genome editing for precision breeding and disease management”

4:00

Zoom Meeting Link: msu.zoom.us/j/95996313892

TUESDAY, SEPTEMBER 29

[The Exchange](#) – BMB graduate students and students working in BMB laboratories are invited to a discussion of science and the conduct of science.

“Journal Club on Dr. Kim Seed (UC Berkeley)”

8:00 AM

[PRL Tuesday Noon Seminars](#)

Mauricio Tejera (Walker lab)

“Drought effects on source-sink balance”

Noon

Zoom Meeting Link: msu.zoom.us/j/96867611746

[Resilience Institute Seminar](#)

Anna O’Brien from the University of Toronto

“Plant-microbiome interactions under stress: ecological and evolutionary consequences”

1:00

Email Acer VanWallaendael (vanwaax07@gmail.com) for the Zoom link

THURSDAY, OCTOBER 1

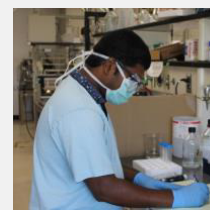
[BMB Seminar Series](#)

Kim Seed, UC Berkeley

“Battling phages: how epidemic *Vibrio cholerae* defends against viral attack”

11:00 AM

Noteworthy News



BMB appreciates their postdoctoral scholars!

Postdocs play a key role in the success of research and discovery at MSU and BMB wants to express their appreciation for the tremendous work and contributions they make to the department.

“BMB thanks all the postdocs and research associates for their great contributions to advancing research,” said Erich Grotewold, chair of the Department of BMB...

[Click here](#) for the full story

SPARTANS WILL.

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

FRIDAY, OCTOBER 2

[Plant Biology Seminar Series](#)

Robin Buell and Berkley Walker – MSU Department of Plant Biology

3:30 PM

Email Chasidy (perezch2@msu.edu) for the Zoom link

Announcements

It is with great sadness that we report the death of Caitlyn (VanGelderens) Herr, a BMB graduate student who worked in the Hausinger laboratory. Bob notes she was a gifted researcher and a source of joy in the group; she will be missed greatly. An [obituary](#) provides a site for sending expressions of sympathy to the family, suggestions for contributions, and information about a funeral service. The department will be sending a sympathy card including notes from students, staff, and faculty (please email them to David Arnosti arnosti@msu.edu).

[Registration](#) (free) is now open for the [Michigan Regional Postdoc Symposium](#), that takes place online Wednesday-Friday, October 7th-9th, 2020. Activities include posters, research talks and career development workshops. This year's speaker is Shannon Burton, PhD, MSU Ombudsperson, speaking on the "Art of Negotiations".

MSU Monthly Postdoc Orientations occur on the 3rd Tuesday of the month and are presented by the OPA director, Dr. Aaron Reifler. These sessions will be helpful for new and established postdocs.

Registration link [here](#).

Questions? Email Dr. Reifler: reiflera@msu.edu (you can also schedule time to meet/chat with Dr. Reifler [here](#))

Recent Publications

Dong S, Subramanian S, Parent KN, Chen M. "Promotion of CTL epitope presentation by a nanoparticle with environment-responsive stability and phagolysosomal escape capacity." *J Control Release*. Volume 328. September 2020. Online ahead of print.

Meier M, Liu Y, Lay-Pruitt KS, Takahashi H, von Wirén N. "Auxin-mediated root branching is determined by the form of available nitrogen." *Nature Plants*. Volume 6. September 2020.

Guo R, Cang Z, Yao J, Kim M, Deans E, Wei G, Kang S-G, Hong, H. "Structural cavities are critical to balancing stability and activity of a membrane-integral enzyme." *Proceedings of the National Academy of Sciences of the United States of America*. Volume 117. September 2020.

Das S, Edison AS, Merz KM. "Metabolite Structure Assignment Using in Silico NMR Techniques." *Analytical Chemistry*. Volume 92. August 2020.

Mukerjee S, Gonzalez-Reymundez A, Lunt SY, Vazquez AI. "DNA Methylation and Gene Expression with Clinical Covariates Explain Variation in Aggressiveness and Survival of Pancreatic Cancer Patients." *Cancer Investigation*. Volume 38. September 2020.