



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

Seminar Calendar

MONDAY, DECEMBER 7

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

Matt Swiatnicki (Andrechek lab) “PTPRH mutations in Non-small cell Lung Cancer”

John Williams (Abramovitch lab) “Concentrated Citrate Kills *M. smegmatis*”

Noon

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

[Molecular Plant Science Seminars](#)

Kende Award Seminar

The award recognizes the best doctoral dissertation in the plant sciences at MSU from the previous two years.

4:00 PM

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

TUESDAY, DECEMBER 8

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

“The Internship Experience”

8:00 AM

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

[Plant Resilience Institute Seminar](#)

Kevin Begcy, University of Florida

“The heat is on: Maize pollen development under heat stress”

1:00

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

Announcements

Voting is open until December 11th (reminder-only undergraduate / graduate students and postdocs may vote- but anyone can look at the designs) for the department design contest. We got some great entries and may use several different designs for future uses. The first design you are voting for is on a nice jacket or polo type dress shirt. This apparel could be used in business casual situation (if we ever have them again) like going to work or conferences. Click [here](#) to vote. Click [here](#) to see high resolution versions of each submission.

Noteworthy News



Please join me in congratulating Michael Feig who received the 2020 NatSci Outstanding Faculty Award and David Arnosti who received the 2020 NatSci Graduate Academic Advisor Award.

The awards were based on nominations from across the college and evaluated by the NatSci Faculty Advisory Committee and the Center for Integrative Studies in General Science staff.

SPARTANS WILL.

Don't miss the "De-Stress Mindfully" Virtual Lunch and Learn Session on Wednesday, December 9 from 12:00 to 1:00pm to share your best relaxation and De-stress techniques as well as to learn a few of their own. You can stay for as long or as little as you want. Come breathe, connect, pause, and relax. [Register here](#).

BMB's Spring Seminar Series is now posted [here](#).

Undergrads, do you know about [NatSci Connect](#)? It's an MSU developed professional networking and mentorship platform that provides direct opportunities for you to connect with MSU alumni to support your own career advancement and development. This is a great service if you have questions about anything from choosing a graduate school, working in biochemistry jobs in industry, or just want to grow your network. And if you're an MSU alum reading this, you should sign up and help pay it forward to current undergrads.

Applications are being accepted until Friday January 21st for the L'Oréal USA For Women in Science fellowship program, that honors female scientists at a critical stage in their careers with grants of \$60,000 each. Applications and more information can be found [here](#).

The Michigan Department of Health and Human Services has an opening for a GCMS or/and LCMS scientist. Applications and more information can be found [here](#).

Fox Seeds Inc. is looking for a full-time permanent plant breeder to develop proprietary commercial asparagus varieties and to develop and manage their tissue culture laboratory. Email the Executive Director (bernie@foxseeds.com) for more information.

The New York Times wants to hear from scientists whose work has been upended — positively or negatively — by the pandemic. MSU faculty members involved in research are encouraged to fill out the online form. [Read more](#)

Recent Publications

González de Cózar JM, Carretero-Junquera M, Ciesielski GL, Miettinen SM, Varjosalo M, Kaguni LS, Dufour E, Jacobs HT. "A second hybrid-binding domain modulates the activity of *Drosophila* ribonuclease H1." *Journal of Biochemistry*. Volume 168. November 2020.

Lapidus LJ. "The road less traveled in protein folding: evidence for multiple pathways (Review)" *Current Opinion in Structural Biology*. Volume 66. February 2021.

Jung J, Kobayashi C, Kasahara K, Tan C, Kuroda A, Minami K, Ishiduki S, Nishiki T, Inoue H, Ishikawa Y, Feig M, Sugita Y. "New parallel computing algorithm of molecular dynamics for extremely huge scale biological systems." *J Comput Chem*. Volume 41. November 2020.

Dixon T, Uyar A, Ferguson-Miller S, Dickson A. "Membrane-mediated ligand unbinding of the PK-11195 ligand from TSPO." *Biophys J*. Volume 119. November 2020.