



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

## Seminar Calendar

### MONDAY, OCTOBER 26

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

Jose Rodrigues (Manning lab) “Phylogenomic analysis of *C. jejuni* isolated from gastroenteritis cases in Michigan”

John Lee (Dufour lab) “The tug-of-war between motility and attachment: phenotypic diversity in *Vibrio cholerae*”

Noon

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

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

Jennifer Nemhauser, University of Washington

“Imaging the next green revolution”

4:00

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

### TUESDAY, OCTOBER 27

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

“Responsible Conduct of Research: Retraction Watch!”

8:00 AM

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

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

Linda Danhof & Melissa Borrusch- Learn about the "Plant and Algae Transformation Support Facility" plus other assistance they provide

Noon

[Zoom link](#) (passcode 941910)

### THURSDAY, OCTOBER 29

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

Alex Dickson, MSU

“Thinking fast and slow: Insight into slow biomolecular events from short timescale simulations”

11:00 AM

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

## Noteworthy News



### Last reminder-

Biochemistry undergraduate students are encouraged to visit website <https://bmb.natsci.msu.edu/about/awards/> for details and application forms for various award opportunities offered through the department.

We have four self-nominated awards this year in addition to one faculty-nominated award.

The deadline for submission is Friday, October 30th at 5pm. After that time the online applications will close.

Please contact Kristin Parent ([kparent@msu.edu](mailto:kparent@msu.edu)) or Mary Villarreal ([villar30@msu.edu](mailto:villar30@msu.edu)) if you have questions.

**SPARTANS WILL.**

## Announcements

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The [Shapiro \(shapir86@msu.edu\)](mailto:shapir86@msu.edu) and [Gilad \(gilad@mail.msu.edu\)](mailto:gilad@mail.msu.edu) laboratories here at MSU have an immediate opening for a shared postdoctoral fellow focused on molecular biology for new biomedical imaging applications. The applicant should have expertise in modern cloning techniques, including the use of viral vectors, tissue culture of mammalian cells, and preferably with some familiarity with CRISPR/Cas9 methods and synthetic biology.

For more information, email the PIs, or [apply here](#). Job # 670942.

The new Mass Spectrometry Imaging Facility at the University of Texas at Austin seeks a postdoctoral fellow to work with facility collaborators and clients for the design and execution of mass spectrometry imaging projects with a focus on cancer research applications. A major focus of the position will be the development and integration of UV photodissociation with MS-imaging.

Interested candidates can contact Erin Seeley ([erin.seeley@utexas.edu](mailto:erin.seeley@utexas.edu)).

Faculty, remember to let Erich know if you plan to apply for a DFI or SPG [Internal Funding Opportunities](#)—both require matching by units, and should be discussed beforehand.

The BMB Student Emergency Fund is still accepting donations.

This fund was set up to provide funding to any undergraduate student in BMB (NatSci and Lyman Briggs) who has unforeseen short-term needs because of the COVID-19 pandemic. Funding will be distributed based on availability and student's need.

For more information and to make a donation [click here](#).

## Recent Publications

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Zhao W, Korobskiy D, Chandrasekharan S, Merz KM, Chacko G. “Converging Interests: Chemoinformatics, History, and Bibliometrics.” *J. Chem. Inf. Model.* Volume 60. October 2020.

Lybrand DB, Anthony TM, Jones AD, Last RL. “An Integrated Analytical Approach Reveals Trichome Acylsugar Metabolite Diversity in the Wild Tomato *Solanum pennellii*.” *Metabolites.* Volume 10. Oct 2020.

Mancuso CA, Canfield JL, Singla D, Krishnan A. “A flexible, interpretable, and accurate approach for imputing the expression of unmeasured genes.” *Nucleic Acids Res.* Volume 48. October 2020. Online ahead of print.

Subramanian S, Parent KN, Doore, SM. “Ecology, Structure, and Evolution of Shigella Phages.” *Annual Review of Virology.* Volume 7, 2020.

Yu X, Bao Y. “Phylogenetics of Molecular Regulators Contributing to Plant Stress Tolerance.” *Diversity.* Volume 12. October 2020.