



Seminar Calendar

Monday, February 7

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

Hinako Terauchi (Mansfield lab) “Inferring the metabolomic relationship within the gut microbiome related to the development of eczema in infancy in Isle of Wight cohort”

Emmanuel Kokarakis (Ducat lab) “Use of quorum sensing modules for stabilization and cross communication of light driven microbial consortia”

Noon

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

[Molecular Plant Science Seminars](#)

Walter Gassmann, University of Missouri

“The plant innate immune system: where to begin and where to end?”

4:00 PM [Zoom link](#) (Passcode: 862930)

Tuesday, February 8

The Exchange – (Science discussion for BMB graduate students)

“Careers in industry, part II – Kulkarni, Acharya, Wei, and Burczak”

8:00 AM

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

[PRL Tuesday Noon Seminars](#)

Tom Herlache, MSU (??? Lab) “PRL RCR Seminar”

Noon [Zoom link](#) (passcode 420205)

[Microbiology & Molecular Genetics Seminars](#)

Phil Delekta “So, You Want to Teach a Large Enrollment Course? An MMG 301 Story”

3:10 PM

[Zoom link](#) Email MMG.Seminars@campusad.msu.edu for the password

Thursday, February 10

[BMB Seminar Series](#)

Kadeem Gilbert, MSU

“Plant-Regulated Micro-Ecosystems: Pitchers and Leaves”

11:00 AM

[Zoom link](#) (Passcode: 698925)

Noteworthy News



Join me in congratulating BMB's Dan Jones, who has been awarded an American Association for the Advancement of Science (AAAS) Fellowship. AAAS is the world's largest general scientific society and being elected as a AAAS Fellow is among science's top distinctions.

Jones was named a fellow in biological sciences for distinguished contributions to the field of biological applications of analytical chemistry, particularly the use of mass spectrometry to study biochemistry, plant and microbial biology.

Read more [here](#).

SPARTANS WILL.

[EEB Seminar Series](#)

Holly Jones, University, Northern Illinois University
“Restoration and repair of earth's damaged ecosystems”
3:30 PM Email Barbara (eeb@msu.edu) for the Zoom link

Announcements

BMB is accepting applications for five faculty-nominated graduate level awards, two staff and two postdoctoral awards. Applications are due Friday, February 25th at 5:00. Email Kristin (kparent@msu.edu) for more details and read more [here](#).

The 24th [UURAF](#) will take place on April 8, 2022, in-person at the Breslin Center and virtually on Symposium by ForagerOne. Poster, oral, performance, film, exhibit, and demonstration presentations will all be on display. Registration is open until February 10. Students can [register here](#). Abstracts/proposals do not need to be complete at the time of registration. Students can view this [step-by-step registration guide](#) if they need assistance in registering.

“Building Your Research Impact Identity and Vision Workshop” will be held February 8th from 1 to 2:30 pm. Researchers are more effective in achieving their intended societal impacts when they take the time to consciously construct their impact identities. Learn more and register [here](#).

The College of Osteopathic Medicine kicks off the 22nd annual Dr. William G. Anderson Lecture Series, Slavery to Freedom "An American Odyssey," this February. Series Website and Registration [here](#).

The ASBMB Women in Biochemistry and Molecular Biology Committee and Minority Affairs Committee will host a free unconscious bias webinar led by Darin Latimore on February 17 from 2:30–4 pm. Click [here](#) for more information.

Due to the temporary reduction in CATA service frequency on campus, complimentary parking at pay-by-plate and metered pay stations has been extended through March 13. Read more [here](#).

Astellas Gene Therapies in South San Francisco, CA is hiring an intern for this summer to join their purification / process science group. The intern would work on interesting protein & virus purification projects. Interested undergrads should apply soon. The posting can be found [here](#). Questions should be directed to Kannan (kraghunathan@audentestx.com).

The Echinacea Project seeks undergraduate students and graduates to conduct fieldwork in Minnesota prairies. They investigate ecology and evolution in fragmented prairie habitat focusing on a model organism, the purple coneflower. This summer, they will investigate the effects of spring fires on summer flowering, pollination, and plant reproduction; you can read more about their work with fire in [Popular Science](#) or watch [this video](#). See [their website](#) for more information. Email Stuart (echinaceaproject@gmail.com) with questions.

[Simplot Plant Sciences](#) in Boise, ID is looking for BS, MS and PhD graduates interested in a career in agricultural biotechnology to join their Molecular Team. They are a group of scientists working on the genetic improvement of crops, including potato and strawberry, using an array of technologies (e.g. gene editing and breeding). They are particularly interested in individuals with practical experience with

homologous recombination, use of plant viruses, or a background in plant promoter elements. Email Jeff (jeffrey.Habig@simplot.com) for more details.

Recent Publications

Cholico GN, Nault R, Zacharewski TR. “Genome-Wide ChIPseq Analysis of AhR, COUP-TF, and HNF4 Enrichment in TCDD-Treated Mouse Liver.” *International Journal of Molecular Sciences*. February 2022.

Wieloch T, Sharkey TD, Werner RA, Schleucher J. “Intramolecular carbon isotope signals reflect metabolite allocation in plants.” *J Exp Bot*. January 2022.

Mills RH, [...] Quinn RA, [...] Gonzalez DJ. “Multi-omics analyses of the ulcerative colitis gut microbiome link *Bacteroides vulgatus* proteases with disease severity.” *Nat Microbiol*. January 2022.

Gao Y, Duque-Wilckens N, Aljazi MB, Moeser AJ, Mias GI, Robison A, Zhang Y, He J. “Impaired KDM2B-mediated PRC1 recruitment to chromatin causes defective neural stem cell self-renewal and ASD/ID-like behaviors.” *iScience*. February 2022.