DEPARTMENT OF

Biochemistry & Molecular Biology

BMB WEEKLY Vol. 55, No. 10 March 14 – 18

COLLEGE OF NATURAL SCIENCE | BMB.MSU.EDU

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

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Seminar Calendar

Monday, March 14

Microbiology & Molecular Genetics Work in Progress Seminars

Alexandra Gates (Lebeis lab) "Microbial and host factors influencing plant root microbiome assembly"

Kevin Santiago-Morales (Lebeis lab) "Elucidating impacts of phosphate-driven root phenotypes during bacterial colonization of plants"

Noon

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

Molecular Plant Science Seminars

Peter N. Ciesielski, National Renewable Energy Laboratory "Elucidating the molecular origins of mechanical properties of biomass through molecular and coarse-grained dynamics simulations of lignocellulose assemblies" 4:00 PM Zoom link (Passcode: 862930)

Tuesday, March 15

The Exchange – (Science discussion for BMB graduate students) "Journal Club: Tuli Mukhopadhyay, Indiana University - viral assembly"

8:00 AM Email David (arnosti@msu.edu) for the Zoom link and password

Noteworthy News



Susanne Hoffmann-Benning is the recipient of a 2022 International Award.

ISP will honor the winners on Wednesday, March 23 at 3:30 p.m. EDT during a virtual International Awards Ceremony.

A website dedicated to highlighting the recipients' work and impact on MSU's international engagement will also debut that day at isp.msu.edu/iac.

SPARTANS WILL.

PRL Tuesday Noon Seminars

Stephanie Schmiege, MSU (Sharkey Lab) "Respiration in the light varies with irradiance: new insights from carbon isotope studies"

Noon Zoom link (passcode prl2021)

Microbiology & Molecular Genetics Seminars

Kendra Pyle, MSU "Beyond the Gender Binary: It's about Respect and Dignity" 3:10 PM

Zoom link Email MMG.Seminars@campusad.msu.edu for the password

Wednesday, March 16

Metabolism, Membranes and Metalloenzymology Interest Group

Paige Kies (Hammer lab)

"A host-pathogen nutritional relationship: Staphylococcus aureus exploitation of the gamma-glutamyl cycle to meet the sulfur requirement"

4:00 PM

Email Teri (compeaut@msu.edu) for the Zoom link

Thursday, March 17

BMB Seminar Series

Tuli Mukhopadhyay, University Indiana University

"Virus assembly: Making, breaking, and designing virus particles"

11:00 AM Both in person (BCH101) and Zoom

Zoom link (Passcode: 698925)

EEB Seminar Series

María Natalia Umaña, University Michigan

"Tropical forests: Studying biodiversity hotspots through the lens of functional traits"

3:30 PM

Email Barbara (eeb@msu.edu) for the Zoom link

Announcements

Due to additional scheduled maintenance, the EBS Portal and HR/Payroll system will be unavailable from 7 p.m. Saturday to 8 a.m. Sunday. Read more.

Graduate students may be interested in "Handling Conflict using Compassionate Communication: Introduction to Compassionate Communication" Friday, March 23 from 6 - 7 pm. Leaders need to know how to navigate complex situations with integrity and empathy. In this intro session participants will explore Compassionate Communication, an approach created by psychologist and mediator Marshall Rosenberg 50 years ago and used in more than 60 countries. Learn more and register here.

The 19th annual Plant Science Graduate Student Research Symposium is now accepting abstracts for oral and poster presentations. The symposium will take place Friday April 8th in the MPS Atrium. Abstract proposals are open to all graduate students studying in plant-related fields. Attendees and presenters can register <u>here</u>. Additional information can be found <u>here</u>.

AgBioResearch (ABR) is announcing a fellowship program intended to introduce faculty to the type of work that ABR supports and provide insights into administrative careers. During the fellowship, fellows will be paired with a mentor from the ABR leadership team and expected to conduct a project designed with that mentor to help them gain insights into research administration. Fellows will also be expected to attend regular meeting with the ABR leadership team and will be encouraged to apply for additional leadership training as part of the experience. Email (infanted@msu.edu) with questions.

Fibertec (only 8 miles from MSU) has a paid undergraduate internship opportunity this summer. Fibertec's environmental laboratory specializes in analyzing soil, water, and air samples for the presence of contaminants. No experience necessary - just a passion for science. Attend an information session by **Zoom** (passcode: fibertec) on Wednesday, March 23rd at 7:00 pm or click here for more information.