



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

***Because of the Thanksgiving holiday, this publication covers November 23-December 4**

Seminar Calendar

MONDAY, NOVEMBER 23

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

Russell Fling (Zacharewski lab) “2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD) elicited dysbiosis of the gut microbiota and contribution to the development of non-alcoholic fatty liver disease”

Joshua Lensmire (Hammer lab) “Elucidating the mechanisms Staphylococcus aureus employs to acquire nutrient sulfur”

Noon

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

[Molecular Plant Science Seminars](#)

Elsbeth Walker, University of Massachusetts Amherst

“Long distance signaling of iron status in plants”

4:00 PM

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

TUESDAY, NOVEMBER 24

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

“Diversity experiences: how colorblind is science?”

8:00 AM

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

THURSDAY, NOVEMBER 26

Happy Thanksgiving

MONDAY, NOVEMBER 30

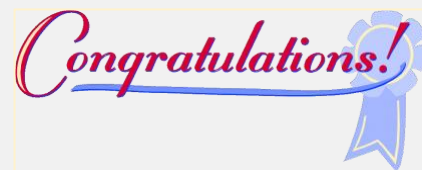
[Microbiology & Molecular Genetics Work in Progress Seminars](#)

Cole McCutcheon (Petroff lab) “Group B Streptococcus Membrane Vesicles: Does composition and production correlate with disease status?”

Noon

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

Noteworthy News



Please join me in congratulating the following BMB undergraduate award winners.

Anderson Awardee: Carlos Ferran-Heredia (Amy Ralston’s lab):

Billman Awardee: Maura Barret (Lee Kroos’ lab)

Moore-Billman Awardee: Kalynn Bird (David Arnosti’s lab)

Undergraduate Research Fellowship, TWO winners: Carson Polakowski (Sussane Hoffman-Benning’s lab) & Maddy Niblock (David Arnosti’s lab)

Outstanding Awardee: Yash Manne (Christoph Benning’s lab)

SPARTANS WILL.

[Molecular Plant Science Seminars](#)

Kathryn Bushley, University of Minnesota

“Mining the genomes of nematode parasitic fungi for biological control”

4:00 PM

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

TUESDAY, DECEMBER 1

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

“Journal Club on Dianne Newman (CalTech)”

8:00 AM

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

[PRL Tuesday Noon Seminars](#)

Yang Xu, (Benning Lab) – “Probing possible links between a predicted rhomboid-like protease 10 and galactolipids biosynthesis in Arabidopsis”

Noon

[Zoom link](#) (passcode 941910)

WEDNESDAY, DECEMBER 2

Metabolism, Membranes, and Metalloenzymology Interest Group “3M Club”

Elise Rivett (Hegg lab)

“The biosynthetic pathway of heme a: a critical cofactor in heme-copper oxidases”

4:00 PM

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

THURSDAY, DECEMBER 3

[BMB Seminar Series](#)

Dianne Newman, CalTech

“A colorful solution to 'breathing' through a biofilm

11:00 AM

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

[EEB Seminar Series](#)

Lissy Coley, University of Utah

“Is the high diversity in tropical forests driven by the interactions of plants and their pests”

3:30 PM

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

Announcements

BMB is conducting a contest to see who can design a department logo that will be used online, in print and on different promotional pieces. Only undergraduate / graduate students and postdocs are eligible to participate. All images must be original and cannot include copyrighted material. Designs should be uploaded [here](#) by December 4th. The winner will be given a jacket (\$75 value) that displays the design.

BMB is once again sponsoring children for the holidays through the Giving Tree with the help of Child and Family Charities of Lansing. Be on the lookout for an email from Ashley about this important initiative.

The National Academy of Sciences workshop proceedings “The Effects of Racism and Bias on Black People Pursuing Careers in Science, Engineering, and Medicine” is now available for purchase or to read freely online [here](#).

The NSF has a Career-Life Balance initiative to “help attract, retain, and advance graduate students, postdoctoral researchers, and other researchers in STEM fields.” The NSF released a Dear Colleague Letter to “draw attention to the opportunity for supplemental funding to help researchers, who are confronted with a short-term increase in dependent care responsibilities, ensure that the research activities supported by an NSF award can continue.” This could help people who may be struggling with COVID-related issues of childcare plus trying to keep their research moving forward. Additional information can be found [here](#).

Postdocs should visit the MSU Resources [webpage](#) on a regular basis for a wealth of information.

MSU WorkLife Office will host a Work and Wellness Connect Zoom Mondays from 12 noon -1:00 pm we. The goal of this group is for faculty, staff and postdocs to connect, combat isolation, share resources, and create community with others at MSU. [Work and Wellness Connect Zoom link](#): (password: connect)

They are also starting a family affinity group in January. If you are interested in joining the group, please indicate your interest in this survey. [Family Affinity Group Interest Form](#).

Recent Publications

Aksenov AA, [...] Quinn RA, [...] Veselkov K. “Auto-deconvolution and molecular networking of gas chromatography-mass spectrometry data.” *Nat Biotechnol*. Volume 38. November 2020.

Nayfach S, [...] Kerfeld S, [...] IMG/M Data Consortium. “A genomic catalog of Earth’s microbiomes.” *Nat Biotechnol*. Volume 38. November 2020

Parry G, [...] Last RL, [...] The Multinational Arabidopsis Steering Committee. “Current status of the multinational Arabidopsis community.” *Plant Direct*. Volume 4. July 2020.