



Seminar Calendar

Wednesday, December 15

Metabolism, Membranes and Metalloenzymology Interest Group

Mengxia Sun (Hu lab)

“Non-natural galactosyl lysophospholipids as selective substrate and non-ATP-competitive inhibitor of phosphatidylinositol phosphate kinases”

4:00 PM

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

Announcements

Joydeep Rakshit (committee members Chan, Kuo, He, Robinson and Gallo) will be presenting his Preliminary Exam titled “Investigating the role of H3K9ac in palmitate associated neuroinflammation” Thursday, December 16, 2021 at 3:00 pm. Email Jessica (jesslaw@msu.edu) for the Zoom link and password.

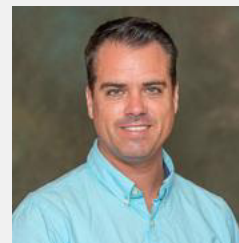
GWIS (Graduate Women in Science) Mid-Michigan is hosting a "Buzz about Beeswax" event in collaboration with Ralya House Beeswax Essentials. Join them for this one-of-a-kind candle-making workshop where you will roll and pour our own candles and even learn the science behind the process Thursday, December 16th at 6:00 at The Barrn (1867 Lake Lansing Rd. Haslett, Michigan 48840). The cost for this event is \$5 per person. This fee includes materials for 4 rolled sheet candles and 4 tea lights; hot cocoa, tea, and cider will also be provided for all attendees. Everyone is welcome. Register [here](#). Questions can be addressed to midmichigan@gwis.org.

ASPB is now accepting applications for the Women's Young Investigator Travel Awards to attend Plant Biology 2022, which is scheduled to be held this year in Portland, Oregon from July 9-13 and online. The goal of the program is to increase attendance of early-career female investigators at the annual meeting; women plant scientists who are within the first five years of their appointment to faculty-level positions at research- or teaching-intensive institutions, government research positions, or corporate research scientist positions are invited to apply, as are experienced postdocs. Learn more [here](#).

MSU HR has provided additional information about the university's plans for an extended year-end break from Dec. 24 through Jan. 3. [Faculty and academic staff](#) and [support staff](#) can find information specific to their roles on the MSU HR website. [Read more](#)

Doctoral students: The Edward A. Bouchet Graduate Award is intended to support graduate students in the natural sciences and mathematics in recognition of academic achievements, research goals, contributions to a

Noteworthy News



Rob Quinn's new research on the groundbreaking Cystic Fibrosis drug Trikafta made the local news.

Check out the story [here](#).

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diverse educational community, and a record of overcoming obstacles whose progress in their chosen scientific discipline enhances educational diversity at MSU as may be evidenced by personal history and experience, research goals, and/or promotion of understanding among persons of different backgrounds and ideas, or by having demonstrated significant academic achievement in spite of barriers such as economic, social, and/or educational disadvantage. Preference for the fellowship will be given to students studying microbes or microbial disease. Read more about the award and how to apply [here](#).

Broader Impacts Workshop Series Kickoff: Broader Impacts Basics January 24 from 9:00 - 10:00 a.m. | Zoom. If you are a newcomer to broader impacts or need a refresher on what they are all about, this introductory workshop covers the basics of broader impacts, including what broader impacts of research are, why they matter, and the six essential elements of a successful broader impacts plan. Participants will also learn about key resources and consultation services available to help them build their BI plans and get a sneak preview of additional workshops in the series. Register and learn more [here](#).

NatSci is hosting “listening sessions” to understand the needs of undergraduate and graduate students. If you are interested in participating, you can sign up at this [link](#). Students who complete one (1) listening session will receive a \$25 gift card. The full listening session schedule and list of facilitators is [here](#).

Job / internship postings:

W.J. Beal Botanical Garden is hiring 5 students this upcoming spring semester for a new Scholars Program. Participants will choose from a list of professional development projects designed to support Beal Garden while preparing them for the workforce. Students will work about 5 paid hours per week and attend weekly professional development meetings. The work schedule is flexible and students will be paid \$15 per hour. The application can be found [here](#).

The Higgins Research Group at Colorado School of Mines is looking for a Post-doctoral Scientist to help on multiple projects centered on understanding the behavior of PFASs in the environment using a variety of high resolution mass spectrometry based techniques. More information can be found [here](#).

Recent Publications

Schmitz RJ, Grotewold E, Stam M. “Review-Cis-regulatory sequences in plants: Their importance, discovery, and future challenges.” *The Plant Cell*. December 2021.

Moore BM, Lee YS, Wang P, Azodi C, Grotewold E, Shiu SH. “Modeling temporal and hormonal regulation of plant transcriptional response to wounding.” *Plant Cell*. December 2021.

Witalka D, Lapidus LJ. “Measurement of Submillisecond Protein Folding Using Trp Fluorescence and Photochemical Oxidation.” *Methods Mol Biol*. November 2021.

Pan Y, Wang X, Li H, Ren J, Zhang Y, Jordahl D, Schuster I, Farmakes J, Hong H, Yang Z. “In situ monitoring of protein transfer into nanoscale channels.” *Cell Reports Physical Science*. September 2021.

Balan V, Novak D, Knudson W, Jones AD, Iñiguez-Franco FM, Auras R, Cho S, Rodgers A, Ubanwa B. “Nutritious mushroom protein crisp – healthy alternative to starchy snack.” *Food Production, Processing and Nutrition*. December 2021.