



DEPARTMENT OF
**Biochemistry &
Molecular Biology**

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

Seminar Calendar

TUESDAY, AUGUST 25

U. Michigan Chemistry-Biology Interface training program

This virtual symposium (with poster sessions) will highlight innovative research at the interface of chemistry and biology and is open to Michigan State University faculty and students.

The deadline to - register is Aug 23 / submit an abstract is Aug 17.

[To register](#)

Announcements

The BMB Student Emergency Fund is now 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](#).

The Department of Energy's (DOE) Office of Science Graduate Student Research (SCGSR) program is now accepting applications for the 2020 Solicitation 2. Applications are due 5pm Eastern Time on Thursday, November 12, 2020.

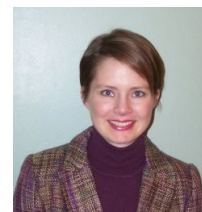
The SCGSR program supports supplemental awards to outstanding U.S. graduate students to conduct part of their graduate thesis research at a DOE national laboratory/facility in collaboration with a DOE laboratory scientist for a period of 3 to 12 consecutive months—with the goal of preparing graduate students for scientific and technical careers critically important to the DOE Office of Science mission.

Detailed information about the program, including eligibility requirements and access to the online application system, can be found at: <https://science.osti.gov/wdts/scgsr/>.

Recent Publications

Miller GP, Waheed Bhat W, Lanier ER, Johnson SR, Mathieu DT, Hamberger B. "The biosynthesis of the anti-microbial diterpenoid leubethanol in *Leucophyllum frutescens* proceeds via an all-cis prenyl intermediate." *The Plant Journal*. Volume 103. August 2020.

Noteworthy News



Martha Faner is the inaugural recipient of the MSU-COM Excellence in Professional Development & Advancement of Medical Education Award. Martha is an Assistant Professor in BMB with a focus on teaching in the College of Osteopathic Medicine.

Her primary role is to create and deliver content in biochemistry, genetics, microbiology and physiology to first and second year medical students as part of a teaching team. She also engages in pedagogical development and research.

Martha's interests lie in developing and evaluating student centered learning sessions in a large class, multi-site learning environment. She lives with her husband, two daughters and dog in Grosse Pointe Woods. They enjoy hiking, traveling and cooking together.

SPARTANS WILL.

Liu M, Sui D, Dexheimer T, Hovde S, Deng X, Wang XW, Lin HL, Chien HT, Kweon HK, Kuo NS, Ayoub CA, Jimenez-Harrison D, Andrews PC, Kwok R, Bochar DA, Kuret J, Fortin J, Tsay YG, Kuo MH. "Hyperphosphorylation Renders Tau Prone to Aggregate and to Cause Cell Death." *Molecular Neurobiology*. Volume 57. August 2020. Online ahead of print.