



Please send submissions to Steve Lundback, lundback@msu.edu, 212 Biochemistry (Mailbox on 2nd Floor)

Seminar Calendar

MONDAY, JANUARY 21

[Molecular Plant Science Seminar](#)

No seminar

[Cryo-EM Candidate Seminar](#)

Vijay Reddy, The Scripps Research Institute

"Virus structure and cell entry"

9:30 AM, Room 1425 BPS

TUESDAY, JANUARY 22

[The Exchange](#)

Journal Club – Prof. Lawrence Young, Yale University

Quynh Duong et al.

8:00 AM, Room 208 Biochemistry

[MMG Seminar](#)

Karen Lloyd, University of Tennessee

"ANME-1 switch rapidly between anaerobic methane oxidation and methanogenesis in coastal sediments"

4:10 PM, Room 1415 BPS

WEDNESDAY, JANUARY 23

[\(3M\) Interest Group](#)

No seminar

THURSDAY, JANUARY 24

[BMB Colloquium](#)

Lawrence Young, Yale University

"AMP-activated protein kinase in cardiovascular disease"

11:00 AM, Room 101 Biochemistry

[EEBB Seminar](#)

Steven Wright, University of Toronto

"Evolution of sex chromosomes: Y degenerate?"

3:30 PM, 1420 BPS

FRIDAY, JANUARY 25

[Science at the Edge](#)

No Seminar

Announcements

Checkout the [Grad/Postdoc News](#) page on the BMB website for the latest events and opportunities.

[COGS Workshop: Tackling Free Speech in the Classroom](#)

At 11 AM on Monday, January 21st, COGS will be celebrating the legacy of Martin Luther King Jr. by hosting a workshop: *Tackling Free Speech in the Classroom*, facilitated by Dr. Jessica Garcia, Assistant Professor of Sociology and Faculty Associate to the Office for Inclusion and Intercultural Initiatives. Room 110, Chittenden Hall.

[Annual Series of "Thriving at Michigan State University" Workshops](#)

This year, the Academic Advancement Network in collaboration with Academic Human Resources will host their annual series of "Thriving at Michigan State University" workshops to provide faculty and academic specialists with important information and strategies on how to be successful in their careers at our institution. Content will be tailored for each appointment type's specific needs. Workshops will be held in January and February of 2019.

[Phytochemical Society of North America 58th Annual Meeting](#)

Symposiums include natural product metabolism and enzymology, chemical ecology, and natural products in agriculture and medicine. July 20-24, 2019, Johnson City, Tennessee.

Recent Publications

For most publications from BMB labs during the past year, see [Recent Publications](#) on the BMB website.

Ferlez B, Sutter M, Kerfeld CA. "Glycyl Radical Enzyme-Associated Microcompartments: Redox-Replete Bacterial Organelles." *MBio*. (2019) Jan 8;10:(1). doi: [10.1128/mBio.02327-18](https://doi.org/10.1128/mBio.02327-18)

Yu I, Feig M, Sugita Y. "High-Performance Data Analysis on the Big Trajectory Data of Cellular Scale All-atom Molecular Dynamics Simulations." *J Phys Conf Ser*. (2018) Jan. doi: [10.1088/1742-6596/1036/1/012009](https://doi.org/10.1088/1742-6596/1036/1/012009)

Feig M, Nawrocki G, Yu I, Wang PH, Sugita Y. "Challenges and opportunities in connecting simulations with experiments via molecular dynamics of cellular environments." *J Phys Conf Ser*. (2018) Jan. doi: [10.1088/1742-6596/1036/1/012010](https://doi.org/10.1088/1742-6596/1036/1/012010)

Cocuron JC, Casas MI, Yang F, Grotewold E, Alonso AP. "Beyond the wall: High-throughput quantification of plant soluble and cell-wall bound phenolics by liquid chromatography tandem mass spectrometry." *J Chromatogr A*. (2018) Dec 26. doi: [10.1016/j.chroma.2018.12.059](https://doi.org/10.1016/j.chroma.2018.12.059)