



Seminar Calendar

MONDAY, FEBRUARY 11

[Molecular Plant Science Seminar](#)

Aman Husbans, Ohio State University

"Do ligand-binding transcription factors drive morphological complexity?"

4:10 PM, Room 101 Biochemistry

[Cryo-EM Candidate Seminar](#)

Dustin McCraw, National Institute of Health

"Leveraging influenza vaccine structure using cryo-EM to guide nanoparticle vaccine development"

9:30 AM, Room 1425 BPS

TUESDAY, FEBRUARY 12

[The Exchange](#)

Journal Club – Prof. Lionel Christiaen, New York University

8:00 AM, Room 208

[MMG Seminar](#)

Bree Aldridge, Tufts University

"The Long and Short of It: Paths to Engineering TB Treatment"

4:10 PM, Room 1415 BPS

WEDNESDAY, FEBRUARY 13

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

Martin Ogrodzinski, Lunt Lab

"Breast Cancer Heterogeneity and Metabolism"

10:15 AM, Room 1425 BPS

THURSDAY, FEBRUARY 14

[BMB Colloquium](#)

Lionel Christiaen, NYU

"Regulation of cardiopharyngeal fates in chordates"

11:00 AM, Room 101 Biochemistry

[EEBB Seminar](#)

Canceled

FRIDAY, FEBRUARY 15

[Science at the Edge](#)

Rebecca Anthony, Michigan State University

"Nonthermal Plasmas for Next-Generation Nanomaterials"

11:30 AM, Room 1400 BPS

Announcements

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

[Sensible Meals: Fast, Frugal, and Flavorful](#)

Wednesday, February 13, 2019 - 6:00 to 8:00 PM, 110 Chittenden Hall

Do you struggle to put food on the table due to limited time, money, or meal ideas? Join the nutritionists from MSU's Health Promotion department to learn how to plan and prepare fast, frugal and flavorful meals while keeping nutrition in mind. Resources, recipes, a recipe demonstration, and sampling are also provided. You'll leave feeling more comfortable and confident with meal planning and preparation. Registration is required.

[Grad Student Support Groups](#)

A graduate student support group is meeting each Friday from 9-10 AM at Olin Health Center. Sessions are led by group leaders, and topics revolve around the challenges faced by graduate students.

[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.

[Proteos Technician / Summer Internship Positions](#)

Proteos (Kalamazoo, MI) has an immediate opening for a [technician](#) and several [summer internship](#) positions available. Proteos provides recombinant protein expression and purification services.

Recent Publications

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

Howe GA, Yoshida Y. "Evolutionary Origin of JAZ Proteins and Jasmonate Signaling." *Mol Plant*. (2019) Feb 4;12(2):153-155. doi: [10.1016/j.molp.2019.01.015](https://doi.org/10.1016/j.molp.2019.01.015)

Zhao D, Hamilton JP, Bhat WW, Johnson SR, Godden GT, Kinser TJ, Boachon B, Dudareva N, Soltis DE, Soltis PS, Hamberger B, Buell CR. "A chromosomal-scale genome assembly of *Tectona grandis* reveals the importance of tandem gene duplication and enables discovery of genes in natural product biosynthetic pathways." *Gigascience*. (2019) Jan 30. doi: [10.1093/gigascience/giz005](https://doi.org/10.1093/gigascience/giz005)

Nguyen DD, Wei GW. "DG-GL: Differential geometry based geometric learning of molecular datasets." *Int J Numer Method Biomed Eng*. (2019) Jan 28;e3179. doi: [10.1002/cnm.3179](https://doi.org/10.1002/cnm.3179)

Lavell AA, Benning C. "Cellular Organization and Regulation of Plant Glycerolipid Metabolism." *Plant Cell Physiol*. (2019) Jan 25. doi: [10.1093/pcp/pcz016](https://doi.org/10.1093/pcp/pcz016)

Moore BM, Wang P, Fan P, Leong B, Schenck CA, Lloyd JP, Lehti-Shiu MD, Last RL, Pichersky E, Shiu SH. "Robust predictions of specialized metabolism genes through machine learning." *Proc Natl Acad Sci U S A*. 2019 Jan 23. pii: 201817074. doi: [10.1073/pnas.1817074116](https://doi.org/10.1073/pnas.1817074116)

Lee YS, Krishnan A, Oughtred R, Rust J, Chang CS, Ryu J, Kristensen VN, Dolinski K, Theesfeld CL, Troyanskaya OG. "A Computational Framework for Genome-wide Characterization of the Human Disease Landscape." *Cell Syst*. (2019) Jan 14;. doi: [10.1016/j.cels.2018.12.010](https://doi.org/10.1016/j.cels.2018.12.010)