



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

Seminar Calendar

MONDAY, SEPTEMBER 24

[Molecular Plant Science Seminar](#)

Jennifer Ogilvie, University of Michigan

"Multidimensional spectroscopic studies of purple bacteria photosynthesis"

4:10 PM, Room 1200, MPS

TUESDAY, SEPTEMBER 25

[The Exchange](#)

John Burczak – Careers in Biotechnology Part I

8:00 AM, Room 208

[MMG Seminar](#)

Dr. Prahathees Eswara, University of South Florida

"Cell division regulation in Gram-positive bacteria"

4:10 PM, Room 1415 BPS

THURSDAY, SEPTEMBER 27

[BMB Colloquium](#)

Kristin Parent, Michigan State University, BMB

Tenure Talk

11:00 AM, Room 101 Biochemistry

[EEBB](#)

Sarah Saunders, Quantitative Ecologist, Audubon Society

and Emily Henry, Assistant Director of Program Development, Office of Professional and Continuing Education

"Careers Outside of Academia"

3:30 PM, Room 1420, BPS

Announcements

[Mid-Michigan Graduate Women in Science Fall Meeting](#)

This informational and planning meeting will be held on Monday, September 24 from 6:00 – 7:30 PM in room 1415, BPS. There will be free pizza, so come early!

[NSF Solicitation for Topic Ideas](#)

The Emerging Frontiers in Research and Innovation (EFRI) Program in the Directorate for Engineering is initiating the biennial search for emerging topics that will become the focus of research supported by the EFRI Program for FY20. The EFRI invites the research community to submit suggestions for Topic Ideas.

[Events from the MSU Work Life Office](#)

The MSU Work Life Office will host "Building Community in a Culture of Change" on October 16, and "Compassionate Care in Challenging Times" on September 21. Registration is required.

[Graduate School Workshops](#)

Bookmark the Graduate School Calendar for upcoming workshops and seminars.

[Workshop on Systems Biology](#)

Featuring *in vivo* imaging and single cell mass spectrometry. Thursday, October 18 in the IQ building.

[Grant Writing Workshops from VPRGS](#)

NSF Proposal Development Webinar: 1:00 PM on Sept. 24, Oct. 15, Nov. 5, and Dec. 3

Advanced NIH Grant Writing: Sept. 20 – Dec. 7

[DOE Office of Science Graduate Student Research \(SCGSR\) program](#)

The U.S. Department of Energy's Office of Science is now accepting applications for the Office of Science Graduate Student Research (SCGSR) program (2018 Solicitation 2). Applications are due 5:00pm Eastern Time on November 15, 2018.

[2018 Women in Science Conference](#)

This three-day event will be hosted by the Association for Women in Science, Notre Dame Chapter (AWIS-ND) and will be held during October 5-7. The Conference is designed to provide graduate student women in science, technology, engineering, and mathematics a venue for networking and professional development.

[Assistant/Associate Professor of Microbial Metabolism, University of North Texas](#)

The University of North Texas invites applications for an assistant or associate position in the BioDiscovery Institute. For best consideration, apply by October 15, 2018.

[Assistant Professor, Department of Biochemistry at Stanford](#)

We seek individuals with an extraordinary record of scientific accomplishment and creativity working in any area of biochemistry, biophysics or molecular biology research, broadly defined. Applications should be received by December 1, 2018.

Recent Publications

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

Toyota M, Spencer D, Sawai-Toyota S, Jiaqi W, Zhang T, Koo AJ, **Howe GA**, Gilroy S. "Glutamate triggers long-distance, calcium-based plant defense signaling." *Science*. (2018) Sep 14;361(6407):1112-1115. doi: [10.1126/science.aat7744](https://doi.org/10.1126/science.aat7744)

Woodard J, Srivastava KR, Rahamim G, Grupi A, Hogan S, Witalka DJ, Nawrocki G, Haas E, **Feig M**, Lapidus LJ. "Intramolecular Diffusion in α -Synuclein: It Depends on How You Measure It." *Biophys J*. (2018) Aug 27. doi: [10.1016/j.bpj.2018.08.023](https://doi.org/10.1016/j.bpj.2018.08.023)