



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

Seminar Calendar

TUESDAY, OCTOBER 2

[The Exchange](#)

John Burczak – Careers in Biotechnology Part II

8:00 AM, Room 208

[MMG Seminar](#)

Dr. David Tobin, Duke University

"From Zebrafish to Humans: Macrophage Reprogramming during Tuberculosis"

4:10 PM, Room 1415 BPS

WEDNESDAY, OCTOBER 4

[3M Interest Group](#)

Yan Levitsky

"Ceramide-Induced Changes in Mitochondrial Respiration"

4:00 PM, Room 1455-A BPS (iCER)

[Pharm/Tox Seminar](#)

James Pivarnik, MSU

"Fitness Testing of NCAA Division I Athletes: What Can We Learn?"

12:00 PM, Room B448 Life Sciences, [Zoom](#)

THURSDAY, OCTOBER 4

[BMB Colloquium](#)

Shao Thing Teoh, Lunt Lab

"Investigating sialic acid metabolism in metastatic breast cancer"

Peter Dornbos, LaPres Lab

"The Aryl Hydrocarbon Receptor and Cholesterol Homeostasis: from mouse to human to mouse"

11:00 AM, Room 101 Biochemistry

[EEBB](#)

Eileen Hebets University Nebraska-Lincoln

"Sensory systems, learning, and communication - insights from the enigmatic world of arachnids"

3:30 PM, Room 1420, BPS

FRIDAY, OCTOBER 5

[Science at the Edge](#)

David Kaplan, University of Washington

"Formulating Nonabelian Gauge Theories for a Quantum Computer"

11:30 AM, Room 1400 BPS

Announcements

[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.

[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.

[Postdoctoral Position in Evolutionary and Isotopic Enzymology](#)

The NSF/NASA sponsored Blue Marble Space Institute of Science has an opening for a postdoctoral scholar with interests in evolutionary protein biochemistry and geochemistry. The successful candidate will work in a collaborative and multi-institutional group which seeks to test and develop hypotheses related to the role of thioester chemistry in nascent life and the chemical networks that preceded living systems.

[Postdoctoral Positions in Cell and Developmental Biology, Washington University](#)

A fully funded, 5-year Postdoc position in the McNeill lab is available to study how the nuclear envelope regulates gene expression during reprogramming from oocytes to early embryos. Applications will be reviewed promptly until the position is filled.

Recent Publications

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

Silva GFF, Silva EM, Correa JPO, Vicente MH, Jiang N, Notini MM, Junior AC, De Jesus FA, Castilho P, Carrera E, Lopes-Diaz I, **Grotewold E**, Peres LEP, Nogueira FTS. "Tomato floral induction and flower development are orchestrated by the interplay between gibberellin and two unrelated microRNA-controlled modules." *New Phytol.* (2018) Sep 20. doi: [10.1111/nph.15492](https://doi.org/10.1111/nph.15492)

Fan M, Herburger K, Jensen JK, Zemelis-Durfee S, Brandizzi F, Fry SC, **Wilkerson CG**. "A Trihelix Family Transcription Factor is Associated with Key Genes in Mixed-linkage Glucan Accumulation." *Plant Physiol.* (2018) Sep 17. doi: [10.1104/pp.18.00978](https://doi.org/10.1104/pp.18.00978)