



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

Seminar Calendar

MONDAY, NOVEMBER 12

Molecular Plant Science Seminar

Erin Tripp, University of Colorado-Boulder

"Ecology of North American lichens: diversity, distributions, and drivers"

4:00 PM, Room 1200 MPS

TUESDAY, NOVEMBER 13

The Exchange

Journal Club for Greg Voth

8:00 AM, Room 208

MMG Seminar

Dr. Tim Yahr, University of Iowa

"Putt putt" functions required for expression of the Pseudomonas aeruginosa type III secretion system"

4:10 PM, Room 1415 BPS

WEDNESDAY, NOVEMBER 14

The (3M) Interest Group

Lei Yu, Lunt Lab

"Pyruvate Kinase Expression in Pancreatic Cancer"

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

THURSDAY, NOVEMBER 15

BMB Colloquium

Zhihong Wang, University of the Sciences, Philadelphia

"Development of Novel Allosteric Inhibitors"

11:00 AM, Room 101 Biochemistry

EEBB

Andrew Whitehead, University California - Davis

"When evolution is the solution to pollution: The genomic basis of rapid adaptation to extreme environmental change"

3:30 PM, Room 1420 BPS

FRIDAY, NOVEMBER 16

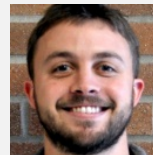
SATE Seminar

David Cahill, University of Illinois

"Extremes of Heat Conduction in Materials"

11:30 AM, Room 1400 BPS

Noteworthy News



Peter Dornbos completed his PhD research in the BMB program under the guidance of Dr. John LaPres. The goal of his dissertation was to use a population-based approach to characterize the impact of genetic heterogeneity within response to an environmental contaminant called 2,3,7,8-tetrachlorodibenzo-p-dioxin (TCDD). Peter will continue his research in the lab of Dr. Jason Flannick at the Broad Institute of MIT and Harvard and Boston Children's Hospital. His future research will focus on the use of genomic sequencing data to gain insights into complex diseases with a focus on metabolic disorders, such as type 2 diabetes.

SPARTANS WILL.

Announcements

[BMB 961 Metals in Biology, Spring 2019](#)

Eric Hegg and Bob Hausinger are offering a 2 credit course, "Metals in Biology", this spring.

[Staff/Faculty LGBTQA Brown Bag Lunch](#)

This is a time to ask questions and get guidance on how to make your classroom, office, etc. more inclusive to LGBTQA students and your LGBTQA colleagues. Tuesday, November 13, Noon at room A302 Wells Hall.

[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. Applications due 5:00 pm on November 15, 2018.

[Assistant Professor, Metabolism, Oklahoma State University](#)

The Department of Biochemistry and Molecular Biology at Oklahoma State University is seeking applicants for a 9-month, full-time, tenure-track position (80% research and 20% teaching) in the area of Metabolism.

[Assistant Professor Positions in Biology, Slippery Rock University](#)

Three tenure track assistant professor positions in Biology are open at Slippery Rock University. Areas of research interest include genetics, plant biology and zoology.

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

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Applications for an assistant or associate professor position in the BioDiscovery Institute at UNT are being accepted.

[Tenure-track Biochemistry Faculty Position, Wayne State](#)

The Department of Biochemistry, Microbiology & Immunology in the Wayne State University School of Medicine is building a sustainable, high-impact research unit that will employ modern methods to address critical problems in underserved populations in Detroit, across our country, and worldwide. We seek outstanding candidates who are using biochemical approaches to study problems associated with human disease.

[UT - El Paso, Chair, Department of Chemistry and Biochemistry](#)

The University of Texas at El Paso (UTEP) is seeking an innovative leader to serve as Chair in the Department of Chemistry and Biochemistry. The successful candidate is expected to be an active leader and researcher who has a strong vision for developing and strengthening educational and research initiatives. Applicants must have a distinguished record of scientific achievement, demonstrated leadership skills, and a commitment to the education and mentorship of both students and faculty. Review of applications will begin November 1, 2018.

Recent Publications

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

Sengupta A, Seitz A, Merz KM Jr. "Simulating the Chelate Effect." *J Am Chem Soc.* (2018) Nov 6. doi: [10.1021/jacs.8b09371](https://doi.org/10.1021/jacs.8b09371)

Sharkey TD. "Discovery of the canonical Calvin-Benson cycle." *Photosynth Res.* (2018) Oct 29. doi: [10.1007/s11120-018-0600-2](https://doi.org/10.1007/s11120-018-0600-2)