



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

Seminar Calendar

TUESDAY, JANUARY 9

MMG Seminar

Thomas Kehl-Fie, University of Illinois

"You are what you don't eat: Bacterial strategies for overcoming nutritional immunity"

11:00 AM, Room 101 Biochemistry

WEDNESDAY, JANUARY 10

3M Seminar

Joshua Lensmire, Hammer Lab

"Examining Utilization of Host Derived Glutathione as a Sulfur Source by Staphylococcus Aureus"

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

THURSDAY, JANUARY 11

BMB Faculty Candidate Seminar

Alexander Artyukhin, Boyce Thompson Institute

"Biosynthesis of Chemical Signals, From Worms to Mammals"

11:00 AM, Room 101 Biochemistry

Noteworthy News



WELCOME POLLY HSU AND LARRY WU

Assistant Professor [Polly Hsu](#) and Research Assistant Professor [Larry Wu](#) begin their research at BMB this week. They come to us from Duke University. The Hsu lab (410B) will use experimental and computational approaches to study plant responses under diurnal cycles and environmental stress.

SPARTANS WILL.

Announcements

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

[Invitation to the 9th Annual Midwest Graduate Research Symposium at The University of Toledo](#)

The University of Toledo Graduate Student Association (GSA) cordially invites students from Michigan State University to the 9th Annual Midwest Graduate Research Symposium (MGRS). Each year we are excited to provide this opportunity to talented graduate students across the country and are looking forward to April 7th, 2018. Free Registration deadline is March 10.

[Aitch Foundation Graduate Fellowship Opportunity in Cancer Research](#)

The Aitch Foundation (www.aitchfoundation.com) and Michigan State University's Office of the Vice President for Research and Graduate Studies invite applications for graduate assistantships in cancer research. This year we are happy to announce there will be a total of four awards. Application deadline is January 19.

L'Oréal USA For Women in Science Fellowship Program

The L'Oréal USA For Women in Science fellowship program has awarded 70 postdoctoral women scientists more than \$3.5 million in grants since 2003. Applications are being accepted through February 2, 2018.

Job Postings

See the BMB website for a full listing of [employment opportunities](#).

Two Faculty Positions in Cryo-Electron Microscopy, Michigan State University

The Department of Biochemistry and Molecular Biology at Michigan State University seeks outstanding applicants for two tenure-track positions at the Assistant/Associate level with expertise in cryo-electron microscopy (Cryo-EM) and the ability to develop a vigorous, externally funded research program that will complement existing strengths in the areas of structural, membrane protein, computational, microbial, and plant biochemistry.

Computational Biologist Position(s), Erich Grotewold's Group

We are seeking highly motivated and curious individual(s) to join the computational component of our team. The successful candidate will be expected to take a leadership role in extracting important biological information from high-throughput sequencing data derived from chromatin immunoprecipitation (ChIP-Seq), DNA affinity purification sequencing (DAP-Seq) or genome-wide RNA sequencing (RNA-Seq) experiments.

Postdoctoral Position in the Leslie Lab at Emory University

The Leslie lab in the Department of Human Genetics at Emory University School of Medicine, in Atlanta, Georgia, is looking for a postdoctoral fellow to join our team. Our lab is focused on understanding the etiology of craniofacial anomalies.

Postdoctoral Position in Epigenetics and siRNA Function, Wayne State University

Postdoctoral positions to explore X chromosome recognition during Drosophila dosage compensation are available at Wayne State University in Detroit, MI.

Recent Publications

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

Liu D, Wang Q, Traverse CJ, Yang C, Young M, Kuttipillai PS, Lunt SY, Hamann TW, Lunt RR. "Impact of Ultrathin C60 on Perovskite Photovoltaic Devices." ACS Nano. (2017) Dec 29;. doi: 10.1021/acsnano.7b08561

Bussy U, Chung-Davidson YW, Buchinger T, Li K, Smith SA, Jones AD, Li W. "Metabolism of a sea lamprey pesticide by fish liver enzymes part A: identification and synthesis of TFM metabolites." Anal Bioanal Chem. (2017) Dec 28;. doi: 10.1007/s00216-017-0830-8

Vismeh R, Haddad D, Moore J, Nielson C, Bals B, Campbell T, Julian A, Teymouri F, Jones AD, Bringi V. "Exposure Assessment of Acetamide in Milk, Beef, and Coffee Using Xanthidrol Derivatization and Gas Chromatography/Mass Spectrometry." J Agric Food Chem. (2017) Dec 27;. doi: 10.1021/acs.jafc.7b02229

Dornbos P, LaPres JJ. "Incorporating Population-Level Genetic Variability within Laboratory Models in Toxicology: From the Individual to the Population." Toxicology. (2017) Dec 21;. doi: 10.1016/j.tox.2017.12.007