



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

Seminar Calendar

MONDAY, JANUARY 15

[PRL Seminar](#)

No Seminar

TUESDAY, JANUARY 16

[MMG Seminar](#)

No Seminar

WEDNESDAY, JANUARY 17

[3M Seminar](#)

No Seminar

THURSDAY, JANUARY 18

[BMB Colloquium](#)

Faculty Panel, MSU

Career Development: Getting the Most Out of Seminar Visits

11:00 AM, Room 101 Biochemistry

[EEBB Seminar](#)

Lisa Seeb, University of Washington

"Genetics and genomics in the conservation and management of Pacific salmon"

3:30 PM, Room 1420 BPS

FRIDAY, JANUARY 19

[SATE Seminar](#)

Raluca Gordân, Duke University

"Sibling Rivalry in Transcription Factor Families"

11:30 AM, Room 1400 BPS

Announcements

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

[MLK @ MSU 2018](#)

Please join us and invite those in your network to come together as a diverse community to: listen and learn from one another; discuss current social issues; march with generations of Americans, Indigenous, and international community members; enjoy MSU Museum exhibits and student performances; fellowship over dinner, and learn about social justice issues!

Noteworthy News



Congratulations to [Dr. Beronda Montgomery](#), who was elected a Fellow of the American Academy of Microbiology. The Academy is the honorific leadership group within the American Society for Microbiology, and recognizes excellence, originality, and leadership in the microbiological sciences.

SPARTANS WILL.

STEM Teaching Essentials Spring 2018 Lunchtime Workshops

These workshops are focused on helping new MSU STEM faculty get a running start for classroom instruction. Spring 2018 workshops will introduce participants to a variety of instructional approaches designed to help students achieve learning outcomes.

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.

2018 NIDA Summer Research Internship Program

The National Institute on Drug Abuse (NIDA) invites undergraduate students interested in pursuing a career in substance abuse research to submit an application for the 2018 NIDA Summer Research Internship Program. Application deadline is February 12, 2018.

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*](#).

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.

Assistant/Associate Professor in Molecular and Cellular Biology, University of Alberta

Candidates with a demonstrated publication record and research expertise in prokaryotic and/or eukaryotic systems and a strong interest in undergraduate education are encouraged to apply. We are interested in applications from excellent candidates who study any aspect of molecular and cellular biology using diverse experimental approaches. Closing date is February 28, 2018.

[Research Associate Positions Available in the Brandizzi Lab at the Plant Research Laboratory, MSU](#)

The positions focus on the study of the biology of endomembranes in plants. The project will employ molecular and biological approaches to define the function of newly identified membrane proteins in the shaping of the endoplasmic reticulum and in the traffic of cargo in relation to the cytoskeleton in *Arabidopsis thaliana*.

[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.

Lotz SD, Dickson A. “Unbiased Molecular Dynamics of 11 min Timescale Drug Unbinding Reveals Transition State Stabilizing Interactions.” *J Am Chem Soc.* (2018) Jan 5;. doi: [10.1021/jacs.7b08572](https://doi.org/10.1021/jacs.7b08572)

Tsai CH, Uygun S, Roston R, Shiu SH, Benning C. “Recovery from N Deprivation Is a Transcriptionally and Functionally Distinct State in *Chlamydomonas*.” *Plant Physiol.* (2017) Dec 29;. doi: [10.1104/pp.17.01546](https://doi.org/10.1104/pp.17.01546)

Oakley CG, Savage L, Lotz S, Rudd Larson G, Thomashow MF, Kramer DM, Schemske DW. “Genetic basis of photosynthetic responses to cold in two locally adapted populations of *Arabidopsis thaliana*.” *J Exp Bot.* (2017) Dec 28;. doi: [10.1093/jxb/erx437](https://doi.org/10.1093/jxb/erx437)