Seminar Calendar

MONDAY, DECEMBER 4

**PRL Seminar**
Richard Amasino, University of Wisconsin
"Regulation of flowering by perception of seasonal cues"
4:10 PM, Room 1200 MPS

TUESDAY, DECEMBER 5

**MMG Seminar**
Wai-Leung Ng, Tufts University
"Parallel quorum sensing systems in Vibrio cholerae"
11:00 AM, Room 101 Biochemistry

**BMB Faculty Candidate Seminar**
Wenyun Lu, Princeton University
“Mass spectrometry-based metabolomics for biological diversity”
9:30 AM, Room A149, Plant & Soil Science Bldg.

WEDNESDAY, DECEMBER 6

**Pharm-Tox Seminar**
Graeme Milligan, University of Glasgow
"From in vitro to in vivo: Challenges in defining the patho-physiological roles of free fatty acid receptor 2”
12:00 PM, Room B448 Life Science Building

THURSDAY, DECEMBER 7

**BMB Faculty Candidate Seminar**
Dana Freund, University of Minnesota
“Elucidating the spatial resolution and regulation of metabolic states in plant responses”
11:00 AM, Room 101 Biochemistry

**EEBB Seminar**
Scott McWilliams, University of Rhode Island
"Exercise physiology of birds during migration and its ecological implications"
3:30 PM, Room 1420 BPS

FRIDAY, DECEMBER 8

**SATE Seminar**
Wen Huang, Michigan State University
"Genetics of complex quantitative traits"
11:30 AM, Room 1400 BPS

Noteworthy News

Congratulations to this year’s
Biochemistry Department
Undergraduate Awardees:

Biochemistry and Molecular Biology Outstanding Undergraduate Award: Kasey Pham and Michael Rankin

Professor Richard L. Anderson Endowed Undergraduate Research Prize: Pamela Himadewi

Dr. James K. Billman Jr. Undergraduate Research Award: Brendyn Smith

BMB Undergraduate Research Fellowship: Stephanie Brocke, Madison Smith, and Dominic Thorley

Pamela J. Fraker Undergraduate Scholarship: Rachel Konchal, Cody Madsen, Magdelena Kotiarz, and Rashemia Powell

These students will be honored at the Annual BMB Department Awards Banquet in April 2018.

SPARTANS WILL.
Announcements

Checkout the Grad/Postdoc News page on the BMB website for the latest events and opportunities.

Anna Hurlock's Dissertation Defense
“Chloroplast lipid import and metabolism, and their effect on chloroplast stability”
Tuesday, December 5th at 2:00 PM. Room 208 Biochemistry.

BMB Holiday Party, December 15, 6-9 PM
BMB family and significant others are welcome to attend at the MSU Horticulture Garden greenhouse.

Volunteers Needed for BMS recruitment weekend Jan. 11-13 2018
We need over 100 volunteers (escorts, dinner, tour guides, etc.) to make this weekend run smoothly. Please sign up to volunteer by December 8.

Monthly Science Policy Debate and Phone Bank Event
Everyone is welcome to attend this science policy discussion. Resources for political engagement will be provided. December 14th at 5:30 PM in 2245 BPS.

Howard Hughes Medical Institute and Burroughs Wellcome Fund Fellowships
Trialect posts thousands of funding opportunities from various areas of biomedicine. This posting highlights two recent fellowship offerings.

The Theodore Roosevelt Conservation and Environmental Leadership Graduate Fellowship
The purpose of this award is to provide an opportunity for graduate or professional students to achieve a level of professional and personal growth that will prepare them for leadership roles in natural resource and conservation-based organizations and agencies. Submit materials by Friday, December 15, 2017.

Health Services Opportunity, Cape Town, South Africa
One Heart Source is currently accepting applications for our 2018 Service Learning Programs. We are offering 2 and 4 week Health Innovation programs in South Africa! Application Deadline: December 31, 2017.

Rest and De-stress Kits
The Graduate Welfare Committee and COGS have sent over rest and de-stress kits for Graduate and Professional students in Biochemistry. Please visit the front desk in room 212 Biochemistry. Some of the kits contain, granola bars, stress ball, tea, fruit snacks and a coloring book with colored pencils.

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.
Faculty Position in the Plant Resilience Institute at Michigan State University
The Department of Biochemistry and Molecular Biology invites applications for a position at the Assistant or Associate Professor level from individuals addressing fundamental aspects of plant response and adaptation to global environmental change. Applications should be submitted by November 15, 2017.

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.

Computational Biology Post-doctoral Opening
The Bhattacharya Lab in the department of Biomedical Engineering and the Institute for Quantitative Health Sciences at Michigan State University is seeking a post-doctoral researcher to apply state-of-the-art machine learning and data science methods to exciting problems in biology and toxicology. Review of applications will begin on December 5, 2017 and continue until the position is filled.

Assistant Professor of Biology at Ball State University
This tenure-track faculty position in Biology is able to teach Human Physiology at both the graduate and undergraduate level. Other teaching assignments may include Anatomy or Introductory Biology courses. The candidate will advance the research opportunities of undergraduate and graduate students in physiology while complementing and collaborating with current faculty. Application deadline is 12/30/2017.

Multiple Faculty Positions Available at the University of South Florida
The Department of Cell Biology, Microbiology, and Molecular Biology is seeking applications for multiple tenure-track tenure-eligible faculty positions at any rank within the three major areas of research strength for the department: bacterial pathogenesis, genome integrity & mechanisms of aging, and structural & computational biology. The review of applications will begin on December 1st, and will continue until the positions are filled.

Assistant/Associate Professor of Plant-Microbe Biology, Cornell University
The School of Integrative Plant Science at Cornell University invites applications for a tenure track position at the Assistant or Associate Professor level in Plant-Microbe Biology. Initial screening of applications will begin on January 5, 2018 and continue until the position is filled.

Recent Publications

For most publications from BMB labs during the past year, see Recent Publications on the BMB website.

