BioMolecular Science Weekly
April 8-12, 2019

Calendar:

Monday, April 8th
BMS Research Forum, 12:00 PM; 162 Food Safety
Kevin Baker, Luyendk Lab, “Mechanisms driving coagulation during liver disease: a role for bile acids”

MMG WIPS Seminar, 12:00 PM; 1425 BPS
Alan Bowsher, Postdoc, Shade Lab, “16S rRNA/rRNA Gene Ratios and Cell Activity Staining Reveal Consistent Patterns of Microbial Activity in Plant-Associated Soil”

Entomology Seminar Series; 4:00 PM; 244 Natural Science
Dr. Ruth Hufbauer, Colorado State University, “Extinction, persistence and spread of small populations: rapid eco-evolutionary dynamics revealed by Tribolium beetles”

Tuesday, April 9th
MMG Seminar, 4:10 PM, 1415 BPS
Dr. Mary Firestone, UC-Berkeley, “A Web of Interactions Shape the Rhizosphere Microbiome”

Wednesday, April 10th
Genetics/CMB Research Forum, 12-1:00 PM, 1425 BPS
Nick Tefft, TerAvest Lab, “Microbial Electrosynthesis in S. oneidensis MR-1”

Thursday, April 11th
Physiology Master’s Thesis Seminar, 9:30 AM, 3280 BPS
Lisette Yco, “Therapeutically Targeting Autophagy in Non-Small Cell Lung Cancer”

EEBB Seminar, 1420 BPS, 3:30 PM
Eli Strauss, Distinguished Student Speaker, “Social Dynamics and social inequality in long-term study of a wild carnivore”

BMB Colloquium Series, 11:00 AM, 101 Biochemistry
Marcos Oliveira, Sao Paulo State University, Hansen Awardee, Title TBD

Department of Epidemiology and Biostatistics, 3:30 PM, E4 Fee Hall
Tony Merriman, University of Otago, New Zealand, “Genetics approaches to gout: new insights and clinical relevance”

Friday, April 12th
Science at the Edge Seminar, 11:30 AM, 1400 BPS
Sorin Draghici, Department of Engineering, “Discovering Disease Subtypes Through the Integration of Multiple Types of Omics Data”

BEACON Seminar, 3:30 PM, BEACON Conference Room in BPS
Nathan Good, MSU, Title TBA

Pharm Tox Drug Discover Seminar; 9:00 AM; B448 Life Science Building
Dr. Glenn D. Prestwich, Univ. of Utah, “Propelling Chemically Modified Glycosaminoglycans into the Clinic”
Announcements:

The Spring 2019 Thesis and Dissertation Deadline is May 8, 2019 at 5:00 PM
Events at the Grad School, register at https://grad.msu.edu/events

Thesis and Dissertation Walk In Help
Sessions available Thursday, April 11, 1:30-3:30PM and Wednesday, April 24, 9AM-11AM; Room 220 Chittenden
Students should come to the drop-in sessions with specific formatting questions regarding their documents. We will not be reviewing entire documents at these sessions. The entire document gets reviewed by the Graduate School when the student submits to ProQuest. We hope that these sessions will assist in reducing the number of corrections that we need to send to students when they submit their documents to ProQuest. No RSVP is necessary.

Navigating the PhD
Friday, April 12, 2019, The Writing Center (300 Bessey Hall); 9:00am - 12:00pm
Managing Time and Academic Relationships
In this 3-hour workshop, plans for time management and working with others will be the main focus. Additionally, discussion about selecting and working with committees will provide a space for sharing about and learning how to communicate with faculty members about participants’ research and writing. This workshop is better suited to students in the first 2 or 3 years of PhD work.

1:00pm to 4:00pm: Writing Processes and Strategies for Academic Writing
In this 3-hour workshop, the focus will be on writing processes and practices. The PhD programs at MSU require written comprehensive exams, dissertation proposals, and dissertations. In the workshop, participants will explore and share their current writing practices and be given practical writing and revision strategies. This workshop is better suited for students who are working on their dissertations or preparing for comprehensive exams.

Lunch will be provided at these workshops. Registration is required.

Workshop: Cultural Competency for Personal, organizational and community change
April 10 or 11; 8:30am-4:30pm; MOSAIC Center Multipurpose Room, 226 Union
We would like to invite you to participate in a full-day workshop, Cultural competency for personal, organizational and community change, led by Karen Pace, director of Pace 4 Change, and Dionard Pizaña, diversity and personnel specialist, Michigan State University Extension, and the College of Natural Science (NatSci) facilitation team. These workshops will be attended by a mix of faculty, staff, postdocs, graduate students, chairs/directors and college administrators.
Register here: https://msu.co1.qualtrics.com/jfe/form/SV_a44vqxpS2EpeBaM5

2019 Women in Data Science East Lansing Symposium
April 12, 2019
The R-Ladies of East Lansing are sponsoring an all day symposium. For more information go to https://docs.google.com/forms/d/e/1FAIpQLSds7Gq0Ue4g2nOIFBWMW0xw1Ym8FZ78hi0J1XIZTQ/viewform for more info and to register.

MSU RDSP Save the Date!
Distinguished Lecture by Dr. Patricia Hunt, Professor of Molecular Biosciences, Washington State Univ.
Monday, May 6, 2019; 12:00-1:00 PM; 1279 Anthony Hall

Genetics Symposium!
May 7, 8:00am – 5:30pm
The 2019 Genetics symposium theme is “Epigenetic Stress Memory”. There is no charge for this event and lunch will be provided. Program and registration information is available at https://genetics.natsci.msu.edu/events/symposia/2019-epigenetic-stress-memory/

Evolution and Core Processes in Gene Expression Symposium
A symposium sponsored by the ASBMB and being held this year on the campus of Michigan State University, May 9-12, 2019.
https://www.asmb.org/specialsymposia/2019/geneexpression/

Symposium on Neurobiology of Motivate Behavior
Thursday, May 9-12 @ MSU
The American Society for Biochemistry and Molecular Biology is hosting this amazing symposium. For more information and to register go to https://www.asmb.org/specialsymposia/2019/geneexpression/.

Michigan ComSciCon 2019
Applications are now open for Michigan ComSciCon 2019! This two-day workshop will be held here at MSU this year, and is taking place the weekend of August 17-18th, 2019. This is workshop offers a great opportunity to develop your skills in science communication, as well as learn from and network with current working professionals. Please consider applying here https://comscicon.com/comscicon-michigan-2019!
Scholarships/Fellowships:

The William W. and Evelyn M. Taylor Endowed Fellowship for International Engagement in Coupled Human and Natural Systems
Due April 15, 2019
Michigan State University graduate students engaged in international fisheries, wildlife, or water-related research in the vein of coupled human and natural systems are invited to apply for fellowships, up to $5,000. Applications for this graduate fellowship are due Monday, April 15, 2019. More information at https://grad.msu.edu/fellowships/International_Engagement

Interdisciplinary Inquiry and Teaching Fellowship Program Call for 2019-20 Applications
Due April 15, 2019
The Interdisciplinary Inquiry and Teaching Fellowship Program (IIT) is a partnership between the Michigan State University Graduate School and James Madison Residential College of Public Affairs at Michigan State University.
More information at https://grad.msu.edu/iit.

Dr. Marvin Hensley Endowed Fellowship
Due April 15, 2019
We are seeking nominations for the Dr. Marvin Hensley Endowed Fellowship in Science. Recipients must be pursuing a graduate degree in the College of Natural Science. Special emphasis and consideration will be given to students in environmental research thrust areas.
This fellowship will be in the amount of $9,500. Flexibility will be allowed in the distribution of the funds. The recipient may elect to receive the award in Summer, Fall, or Spring Semester, or request that the funds be split between two semesters. The recipient will not be prohibited from receiving other support during the award period.
Nomination Packages will be submitted through the new MSU Scholarship System (https://scholarships.msu.edu)

Dr. Alfred J. and Ruth Zeits Research Endowment Fellowship
Due April 15, 2019
We are seeking nominations for the Alfred J. and Ruth Zeits Research Endowment Fellowship. The recipient must be pursuing a graduate degree in the College of Natural Science in the area of condensed matter physics, with preference given to nuclear and laser science research.
This fellowship will be in the amount of $9,500. Nomination Packages will be submitted through the new MSU Scholarship System (https://scholarships.msu.edu)

Clifford Humphrys Fellowship for Preservation of Water Quality in The Great Lakes
Due April 30, 2019
The Clifford Humphrys Fellowship for Preservation of Water Quality in The Great Lakes will benefit students enrolled in any graduate program at MSU studying or doing research on water quality, especially as it relates to the Great Lakes and Lake Michigan in particular. The Fellowship is intended to encourage students who have demonstrated the capacity to achieve educational and professional goals, the motivation to achieve these goals, and the initiative to seek opportunities to further their progress. Up to five awards will be issued each year provided suitable applicants can be identified. Fellowships will be approximately $10,000-20,000 per student for one year.
Additional information and the application process can be found at: https://grad.msu.edu/Humphrys

Fellowship Opportunity with the Army Research Laboratory (ARL)
Due May 31, 2019
The Army Research Laboratory (ARL) invites exceptional young researchers to apply for an ARL Distinguished Postdoctoral Fellowship (www.nas.edu/arl). This fellowship provides recipients the opportunity to pursue independent research while working alongside some of the nation's best scientists and engineers. Applicants must display extraordinary ability in scientific research and show clear promise of becoming outstanding leaders. Successful candidates will have already tackled a major scientific or engineering problem or will have provided a new approach or insight, evidenced by a recognized impact in their field.