BioMolecular Science Weekly
April 1-5, 2019

Calendar:
Monday, April 1st
BMS Research Forum, 12:00 PM; 162 Food Safety
John Williams, MMG, "Chemical and Forward Genetic Studies of Mycobacteria Responses to Chemical Probes"

MMG WIPS Seminar, 12:00 PM; 1425 BPS
Cole McCutcheon, Manning/Petroff Lab, "Uncovering the Role of Group B Streptococcus Membrane Vesicles in Disease"
Matthew Swiatnicki, Andrechek Lab, "Protein tyrosine phosphatases in tumor progression"

Entomology Seminar Series; 4:00 PM; 244 Natural Science
Martin Turcotte, University of Pittsburgh, Title TBA

Tuesday, April 2nd
MMG Seminar, 4:10 PM, 1415 BPS
Dr. Patrick Schloss, University of Michigan, "Disease through the lens of the microbiome"

Wednesday, April 3rd
Genetics/CMB Research Forum, 12-1:00 PM, 1425 BPS
Katerina Lay, Hideki Lab, Genetics, "Nitrogen-dependent modulation of root system architecture through CLE3-CLV1 signaling."

Pharm Tox Seminar, B448 Life Science Building, 12-1:00 PM
Kevin Shanks, Axis Forensic Toxicology, "Not Your Father’s Heroin: The Age of Designer Opioids"

Thursday, April 4th
EEBB Seminar, 1420 BPS, 3:30 PM
Mimi Koehl, UC-Berkeley, "Moving through a turbulent world"

BMB Colloquium Series, 11:00 AM, 101 Biochemistry
MSU iGEM Team

Horticulture and Plant, Soil & Microbial Science Seminar, 4:00-5:00 PM, A149 Plant & Soil Sciences
Bridget Behe, MSU, "The Eyes Don’t Lie: Using Eye-tracking Technology to Understand Consumer Choice"

Friday, April 5th
Science at the Edge Seminar, 11:30 AM, 1400 BPS
Andrea Bodnar, Gloucester Marine Genomics Institute, "The Sea Urchin as a Model System for Cancer and Aging"

BEACON Seminar, 3:30 PM, BEACON Conference Room in BPS
Mimi Koehl, UC Berkeley, “Evolution of multicellularity: Hydrodynamics of swimming, feeding, and hiding by unicellular vs. multicellular choanoflagellates”

Pathobiology & Diagnostic Investigation Seminars; 162 Food Safety
Dr. Edward Robinson, “Clues to recurrent laryngeal neuropathy from 1000 horses"
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

Ph.D. Career Parade: Being a Government Scientist at the Environmental Protection Agency (EPA)
Tuesday, April 2, 2019 - 5:00pm to 7:30pm, Chittenden Hall, Room 110

Tim Shafer, Ph.D., earned his bachelor’s degree in pharmacology and environmental toxicology from Michigan State University in 1991. Tim started working as a postdoctoral fellow at EPA in August 1991, and is currently developing high-throughput screening methods for neurotoxicity and developmental neurotoxicity. In this talk, he will share his insights on the shift from his academic world--graduate student at MSU to a post doc at the EPA--and what it’s like working as a scientist in a government lab. This talk is ideal for any graduate students who are interested in careers in doing science in different domains, as well as anyone interested in the environment, government science and science policy, and other fields. To register, click here.

Writing Cowork hosted by Graduate Women in Science
Graduate Women in Science is putting on a Writing Cowork on April 3rd and April 17th from 2-4p in BPS2245 (otherwise known as the Fish Bowl). Whether you are a post-doc, graduate student or visiting scholar...if you need to schedule some time to get that manuscript or prelim writing done please come join us and we can write together over coffee, tea and snacks!!!!

GEU Grade-In
Contract negotiations for graduate employees are ongoing. Come show just how much we graduate students work for the university during our grade-in event at the Nisbet building, April 4th, 8:45am - 2pm. Bring your grading, reading, and writing into the view of our MSU community in solidarity with those advocating for better working conditions.

It’s On Us to Support Survivors: A Workshop for Graduate & Professional Students at MSU
When: Friday, April 5th - 12:30 pm to 2:00 pm
Where: Erickson Hall, Room 128
Register: https://bit.ly/2EA1yMx
Facebook Event: https://www.facebook.com/events/300442297334890/

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/1FAIpQLSdstCuuo53Lg3W49nqtoIFBWMWOxwjYM8BFZ8hlOIhXIZQ/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, 2018; 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.asbmb.org/specialsymposia/2019/geneexpression/

Evolution and Core Processes in Gene Expression Symposium
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.asbmb.org/specialsymposia/2019/geneexpression/.

Symposium on Neurobiology of Motivate Behavior
Thursday, May 16, 2019, 9AM-6PM; Click Here to Register: https://forms.office.com/Pages/ResponsePage.aspx?id=MHEX1I9k2UGSEXQJteVbfVmiwwRNyfVEprFq1lLhlVUQzjYMjAwT11DQ1ZMTEXMQV5UIxWkZRRy4u

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 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:

**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](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](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](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](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](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](http://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.