BioMolecular Science Weekly
November 16-20, 2020

Monday, November 16th
WIPS Online Seminar; 12:00 PM; Click here For Zoom Link Passcode: 350239
Shelby Dechow; “Defining that role of PPE5 in M. tuberculosis nutrient acquisition and bacterial growth at acidic pH”
Lucas Demey; “Role of phospholipids in regulated proteolysis of the Vibro chlorae transmembrane virulence activator TcpP”
BioMolecular Science Research Forum; 12:00-1:00 PM; Click Here For Zoom Link
Zoe Hansen; “differences in the gut resistome among patients with acute Campylobacter infections and healthy controls”

MPS Seminar, 4:00 PM; Click Here For Zoom Link
Jonathan Wendel; “The wondrous cycles of polyploidy in plants”

Tuesday, November 17th
Plant Resilience Institute Seminar Series; 1:00 PM; Click Here For Zoom Link
Passcode: 945853
Dr. Christopher Surridge; “Science publishing without tears”
Physiology Research Forum; 3:00 PM– 4:00 PM; Click Here For Zoom Link Passcode: 937598
Julienne Brock & Dr. Jose Teixeria; “Why so Serous? Mechanisms Driving Serous Ovarian Cancer”

MMG Faculty Appointment Seminar; 3:10 PM; Click Here For Zoom Link Passcode: Elizabeth
Elizabeth Health-Heckman; “It isn’t just what you say, but how you sat it: Presentation of bacterial products drives host-cell morphology and behavior in the squid-vibrio symbiosis”

CVM Pages and Pixels Movie Discussion; 7:00 PM– 8:00 PM; Click Here For More
Discuss prepared books and/or media content relating to diversity, equity, and inclusion on a monthly basis: Hidden Figures

Wednesday, November 18th
GGS Research Forum; 12:00-1:00 PM; Click Here For Zoom Link Passcode: CMBGGS
Bruce Uhal; “ACE-2, Much More Than Just a Receptor for SARS-CoV-2”

Thursday, November 19th
BMB Seminar Series; 11:00 AM; Click Here For Zoom Link Passcode: 698925
Gira Bhabha; “Tunnels for lipid transport across the bacterial cell envelope”

EEB Online Seminar; 3:30 PM; Click Here For Zoom Link Passcode: eebsem2020
Christopher Warneke; “Plant populations in a human-dominated world: How do they grow and change?”

Friday, November 20th
Pharm Tox Drug Discovery Seminar; 9:00 AM; Click Here For Zoom Link
Neil Grimsey; “Spatiotemporal Mapping of Atypical Inflammation In Vascular Disease”

Science at the Edge Fall 2020 Seminar Series; 11:20 AM; Click Here to Register
Simon Ebbinghaus; “In-cell protein folding stability in health and disease conditions”

Voices of Color; 5:00 PM– 7:00 PM; Click Here to Register Here
An opportunity for STEM graduate students of color to share their experience and support each other
Announcements:

**Events at the Grad School, register at** [https://grad.msu.edu/events](https://grad.msu.edu/events)

**The Deadline for Thesis or Dissertation by the Graduate School is Friday December 18, 2020 at 5:00 PM**

**Essential Skills for Navigating Grad School in a Pandemic**
Monday, November 16, 2020, 4:00-5:30 PM
This 6-part series will help you understand the importance of emotional wellness, help you see the connection between emotional health and optimal performance, and provide you with the basic emotional wellness tools to help you be more resilient and effective in all the important areas of your life. For more information please visit: [https://grad.msu.edu/events/essential-skills-navigating-grad-school-pandemic-0](https://grad.msu.edu/events/essential-skills-navigating-grad-school-pandemic-0)

**Postdoc Orientation**
Tuesday, November 17, 2020, 10:00 AM– 12:00 PM
To register please visit: [https://grad.msu.edu/events/postdoc-orientation-1](https://grad.msu.edu/events/postdoc-orientation-1)

**Dissertation Support Group**
Wednesday, November 18, 2020, 12:00-1:00 PM
This 6-week group is for doctoral students who would like some extra support maintaining motivation and/or making effective progress in the writing of their dissertation. This group is open only to students who have defended their proposals and are actively working on and writing their dissertation full time. For more information and to register please visit: [https://grad.msu.edu/events/dissertation-support-group-12](https://grad.msu.edu/events/dissertation-support-group-12)

**Embracing Open Science Practices: Grad Students’ Perspectives**
Thursday, November 19, 2020, 10:30 AM– 11:30 AM
We illustrate how students can take advantage of the Open Science movement and how programs can better prepare students to embrace Open Science practices early in their career. Specifically, we will discuss three Open Science practices, pre-registration, open data, and open materials. For more information and to register please visit: [https://grad.msu.edu/events/embracing-open-science-practices-grad-students-perspectives](https://grad.msu.edu/events/embracing-open-science-practices-grad-students-perspectives)

**Women+ Data Science Webinar Series**
Thursday, November 19, 2020 3:30 PM– 5:00 PM
*Finding concise descriptors of genomic data*, Dr. Maria Chikina, Assistant Professor, *Computational and Systems Biology, University of Pittsburgh School of Medicine*  
*Lightning Talks*: Anna Yannakopoulos, Kayla Johnson, Stephanie Hickey (CMSE, MSU)

**Health Care Claims**
Friday, November 20, 2020, 1:00 PM– 4:00 PM
This workshop will focus on discussing what administrative data refers to, how these data are generated by the health care system, the considerations of targeting different types of data and how to obtain these types of data. For more information and to register please visit: [https://grad.msu.edu/events/health-care-claims](https://grad.msu.edu/events/health-care-claims)
Job Postings:

**MSU Foundation Postdoctoral Fellowship in Ecology, Evolution, and Behavior**

Applications (including letters of reference) must be received by November 20, 2020

The position is for two years, subject to review after one year, and will begin no later than September 1st, 2021. It has a starting annual salary of $60,000 plus benefits, as well as a research stipend of $8,000 per year. Up to $1,000 of moving expenses may be reimbursed from the research stipend in the first year. Benefits details may be viewed here: [https://hr.msu.edu/benefits/documents/Benefits_Summary.pdf](https://hr.msu.edu/benefits/documents/Benefits_Summary.pdf)

RESEARCH PROGRAM: The Fellow will be a fully participating member of EEB at MSU and will be expected to have a cutting-edge research program that bridges the interests of two or more EEB core faculty members. A list of possible faculty mentors can be found here: [https://eebb.natsci.msu.edu/directory/category/d/core-faculty/](https://eebb.natsci.msu.edu/directory/category/d/core-faculty/). Candidates should contact potential faculty mentors before applying, as sponsoring faculty will need to submit letters of support. For more information please visit: [https://eebb.natsci.msu.edu/job-posting/](https://eebb.natsci.msu.edu/job-posting/)

Scholarships/Fellowships:

**Fellowship Opportunities**

The Graduate School has several fellowships with applications open. To view more fellowship options please visit: [https://grad.msu.edu/msu-graduate-school-fellowships](https://grad.msu.edu/msu-graduate-school-fellowships)

**Senior Regulatory Toxicologist**

Research & Development - Indianapolis, IN, US

At Corteva Agriscience, we grow what matters by putting consumers and customers at the heart of everything we do. As a member of our Regulatory Toxicology & Risk (RTR) group, you will have responsibility for design and interpretation of toxicology studies for active substances and end-use products in support of regulatory submissions across various geographies. Numerous opportunities exist for scientific growth within this role including working on cross-active ingredient projects, innovative/alternative toxicity testing approaches and communicating data to a wide variety of audiences. For more information please visit: [https://careers.corteva.com/ShowJob/JobId/473467/SeniorRegulatoryToxicologist](https://careers.corteva.com/ShowJob/JobId/473467/SeniorRegulatoryToxicologist)

**Post-Doctoral Fellow Position**

John Varga Laboratory At the University of Michigan

The Varga lab is focused on mechanisms underlying fibrosis progression and novel therapeutic approaches. Our goal is that trainees and staff develop both critical, independent thinking skills and proficiency with a variety of state of the art techniques. Good oral and written communication skills and willingness to work in a team environment are essential. Experience with fibrosis research and a background in basic bioinformatics is preferred. Please contact Dr. Swati Bhattacharyya for details at bhattasw@med.umich.edu.

**Call for Application for the Transdisciplinary Graduate Fellows Program (TGFP)**

The TGFP provides teams of graduate students from different disciplines the opportunity to work with a community partner on a consequential problem while receiving training in transdisciplinary team research practice from the MSU Center for Interdisciplinarity. By creating a community of practice involving university and community partners, the TGFP aims to train future transdisciplinary research leaders. **Deadline for all applications is November 30, 2020.** Please see [https://c4i.msu.edu/transdisciplinary-fellows/](https://c4i.msu.edu/transdisciplinary-fellows/) for more information.