BioMolecular Science Weekly  
March 14th– 18th

Calendar:

**Monday, March 14th**

WiPS Seminar; 12:00 PM; 1425 BPS or Zoom Link
Alexandra Gates; “Microbial and Host Factors Influencing Plant Root Microbiome Assembly”
Kevin-Santiago-Morales; “Elucidating Impacts of Phosphate-Driven Root Phenotypes During Bacterial Colonization of Plants”

BMS Research Forum; 12:40-1:30 PM; 1415 BPS or Zoom Link Passcode: 964417
Jeff Mann; “Elucidating the Role of the E3 Ubiquitin Ligase RNF216 in Spermatogenesis and Male Fertility”

MPS Seminar; 4:00 PM; BCH 101 or Zoom Link Passcode: 862930
Peter N. Ciesielski; “Elucidating the Molecular Origins of Mechanical Properties of Biomass Through Molecular and Coarse-Grained Dynamics Simulations of Lignocellulose Assemblies”

**Tuesday, March 15th**

PSL Research Forum; 3:00–4:00 PM; Click Here For More
First Year MCIP Student Presentations: Lulu An, Tim Dorweiler, Pei-Yu (Peggy) Hung, Beenhwa (Grace) Lee, Megan McGrath, Visha Parmar, and Hilary Skalski

MMG Seminar; 3:10 PM; BPS 1415 or Zoom Link
Kendra Pyle; “Beyond the Gender Binary: It’s About Respect and Dignity”

**Wednesday, March 16th**

CMB/GGS Research Forum; 12:00–1:00 PM; 1425 BPS or Zoom Link Passcode: CMBGGS
Kathryn Brittain; “Autoimmune regulator (Aire) expression and function in male and female reproduction”
Levi Bauer; TBA

Computational Biology Research Forum; 4:00 PM; Zoom Link Passcode: forum22
Grayson Herrgott; “Detection of Tumor-Specific DNA Methylation Markers in the Blood of Patients with Pituitary Neuroendocrine Tumors”

**Thursday, March 17th**

BMB Spring Seminar; 11:00 AM; Click Here For More
Tuli Mukhopadhyay; “Virus Assembly: Making, Breaking, and Designing Virus Particles”

EEB Seminar Series; 3:30 PM; Click Here For More
Maria Natalia Umana; “Tropical Forests: Studying Biodiversity Hotspots Through the Lens of Functional Traits”

**Friday, March 18th**

Pharm Tox Drug Discovery Seminar; 9:00 AM; B448 LSB or Zoom Link Passcode: 839433
Dr. Sachi Horibata; “Mechanisms of Cancer Drug Resistance”

Pharm Tox Chalk-Talk; 12:00 PM; B448 LSB or Zoom Link Passcode: PHMJC
Omar Kana
Announcements:

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

Registration Deadline: Skills for Health and Research Professional (SHARP) Summer Program
Tuesday, March 15, 2022
Registration is now open for 20 hands-on summer boot camps designed for health and research professionals from any organization and all career stages! Learn immediate take-away skills directly from the experts over 2-3 days this summer through live-stream, virtual trainings. For information about the program and to register follow this link: [http://www.publichealth.columbia.edu/research/precision-prevention/training-workshops](http://www.publichealth.columbia.edu/research/precision-prevention/training-workshops)

Use of Human Subjects and IRBs (3391-ILT)
Tuesday, March 15, 2022; 6:00–7:30 PM
This workshop will help you understand the requirements – both at the level of MSU and the federal government – that must be adhered to be able to use human subjects in research. Key compliance issues will be discussed as will ethical issues associated with their use. Finally, the Institutional Review Board for Protection of Human Subjects in Research (IRB) and the IRB application process will be reviewed. For more information and to register for this event please follow this link: [https://grad.msu.edu/events/use-human-subjects-and-irbs-3391-ilt-march-15-2022](https://grad.msu.edu/events/use-human-subjects-and-irbs-3391-ilt-march-15-2022)

Virtual Lunch and Learn – Assessment 102: Assessment in Practice
Wednesday, March 16, 2022; 12:00–1:00 PM
This is the second part of our two Assessment sessions in which Graduate Teaching Assistants from various disciplines will share how they align learning outcomes with assessments after using engagement strategies to maximize learning. Attendees will be able to articulate considerations for developing assessments, rubrics, and other methods to measure learning. They will also be able to immediately apply these assessment practices in their respective instructional environments. For more information, including Zoom information, and to register for this event please follow this link: [https://grad.msu.edu/events/virtual-lunch-and-learn-assessment-102-assessment-practice](https://grad.msu.edu/events/virtual-lunch-and-learn-assessment-102-assessment-practice)

Queering Racial Justice Summit
Friday, March 18, 2022–Saturday, March 19, 2022
The Queering Racial Justice Summit is a vital two (2) day opportunity for student leaders to come together to discuss the deep connections between racial justice and LGBTQIA2S+ justice. This will be open to all students and offer conversations on inclusive leadership, White supremacy, allyship, and more. Throughout the two-days there will be raffles for prizes, keynote speakers, and the opportunity to connect with other students to coalition build and action plan. Space is limited. For more information and to register for this event please follow this link: [https://grad.msu.edu/events/queering-racial-justice-summit](https://grad.msu.edu/events/queering-racial-justice-summit)

Selecting a Journal for Your Community – Engaged Scholarship
Friday, March 18, 2022; 9:00–11:00 AM
Do you have a great idea for a community-engagement journal article, but aren’t sure where you might publish it? Would you like to branch out beyond disciplinary journals to interdisciplinary community-engagement journals, but don't know where to start? If so, join us for part two of this two-part series, where we will explore over 35 interdisciplinary community engagement journals and hear from journal editors about successful publishing strategies. You’ll leave the workshop with insights from editors and specific ideas for publishing your community-engaged work. For more information and to register for this event please follow this link: [https://grad.msu.edu/events/selecting-journal-your-community-engaged-scholarship](https://grad.msu.edu/events/selecting-journal-your-community-engaged-scholarship)

Graduate School Write-In
Friday, March 18, 2022; 9:00 AM–12:00 PM
Along with this, the write-ins provide an opportunity for facilitators to promote and share information about upcoming events hosted by the Graduate School, Writing Center, and other campus partners such as the University Outreach and Engagement Office and to provide resources and information that can be used to form graduate writing groups, have writing center appointments or attend workshops (provided by the Graduate School) cater to graduate students based on goals they may share during the write in. For more information and to register for this event please follow this link: [https://grad.msu.edu/events/graduate-school-write-in](https://grad.msu.edu/events/graduate-school-write-in)
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