BioMolecular Science Weekly
February 21st–25th

Calendar:

Monday, February 21st
WiPS Seminar; 12:00 PM; 1425 BPS or Zoom Link
Marco Mechan Llontop; “The Microbiome of Sorghum Phyllosphere Mucilage and Wax: A Role for Host Resilience?”
Alex Wessel; “Identifying the Post-Transcriptional Regulatory Mechanism by Which Cyclic di-GMP Negatively Regulates Cell Curvature in Vibrio cholerae”

BMS Research Forum; 12:40-1:30 PM; 1415 BPS or Zoom Link Passcode: 964417
Reid Blanchett; “Genetic Influences on Social Cognition, Executive Function, and Associated Neural Networks”

MPS Seminar; 4:00 PM; BCH 101 or Zoom Link Passcode: 862930
Anne Osbourn; “Finding Drugs in the Garden: Harnessing Plant Metabolic Diversity”

Tuesday, February 22nd
No Events

Wednesday, February 23rd
CMB/GGS Research Forum; 12:00–1:00 PM; 1425 BPS or Zoom Link Passcode: CMBGGS
Noah Goff; “Catalytically inactive DNA Ligase IV Promotes DNA Repair in Living Cells”

Pharm Tox Seminar; 12:00–1:00 PM; Zoom Link Passcode: phmtox
Dr. Matthew Brody; “Regulation of Cardiac Signaling and Disease by Protein Palmitoylation”

Thursday, February 24th
BMB Spring Seminar; 11:00 AM; Click Here For More
Heather Bean; “Developing a Breath Test for Valley Fever Using GCxGC Untargeted Metabonomics”

EEB Seminar Series; 3:30 PM; Click Here For More
James Clark; “Continent-Wide Forest Regeneration: Dynamic Communities to Biogeographic Change”

EPI Bio Seminar; 3:30 PM; Zoom Link Passcode: epibio
Sue Grady; “COVID-19 in Nursing Homes: Geographic Diffusion and Regional Risk Factors in the United States”

Friday, February 25th
No Events
Announcements:

Events at the Grad School, register at https://grad.msu.edu/events

Virtual Lunch and Learn: Assessment 101: Aligning Learning Outcomes with Assessments and Learning Activities
Wednesday, February 23, 2022 12:00–1:00 PM
This is the first part of our two Assessment sessions in which we will review how to write effective Learning Outcomes (Los) based on Bloom’s Taxonomy. We will discuss the importance of LOs when creating assessments and learning activities. Attendees will write a learning outcome in their respective discipline, design a learning activity and assessment tasks, and get feedback from fellow GTAs. 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-101-aligning-learning-outcomes-assessments-and-learning

Slavery to Freedom: LaTosha Brown
Thursday, February 24, 2022 5:00 PM
At 5 p.m. on Feb. 24, LaTosha Brown, co-founder of the Black Voters Matter Fund and the BVM Capacity Building Institute, will discuss her fight to ensure that all human beings have access to quality education, safety, security, peace, love and happiness. Brown will also talk about how she tapped the power of grassroots organizing to help turn Georgia blue in 2020. For more information and to register for this event, please follow this link: https://grad.msu.edu/events/slavery-freedom-latosha-brown

Save the Date!

STEM the Bullying Solutions Edition: Academic Parity Movement Free Two-Day Event
Day 1: Tuesday, March 8, 2022; 11:00 AM–2:00 PM
Day 2: Friday, March 11, 2022; 2:00–5:00 PM
Join us to learn about the workplace bullying solutions in the STEM fields. To register for the event, please visit: https://www.surveymonkey.com/r/APM2022 Coordinated by the Academic Parity Movement

ABRCMS Spring Symposium For Emerging Scientists
Follow this link to find out more about the spring symposium and to submit an abstract: https://abrcms.org/index.php/symposium-home
Job Postings:

Post-doctoral Position: Wayne State University

Advance your science and career in our laboratory of Biodiversity, Pathogen Dection, and Molecular Aquatic Encology. Information about the lab can be found here: https://www.ramlabwsu.org/ Inquire at: jeffram@wayne.edu Subject line: “post-doc position”

POSTDOCTORAL AND STAFF RESEARCH POSITIONS in the HAHN LAB UNIVERSITY OF NORTH CAROLINA at CHAPEL HILL

- Develop new molecular imaging tools that can reveal the conformational changes of individual molecules in living cells. Apply them to explore the dynamics of podosomes, adhesion complexes, and actin networks. This could include development or application of novel microscopes combining super-resolution and atomic force imaging with the Richard Superfine lab at UNC. See Cell, 184(22): 5670-5685, 2021. PMC85556369. Superfine lab: https://aps.unc.edu/facultymember/superfine-richard/.

- Examine how signaling circuits are controlled by spatio-temporal dynamics in vivo. These studies will be based on novel biosensors and optogenetics/chemogenetics, so will focus on protein engineering and on imaging. We will illuminate complex, nonlinear regulatory circuits by combining novel molecular imaging with computational approaches developed by our collaborator Gaudenz Danuser. See Nature Chem. Biol., 16(8): 826, 2020. PMC7388658, and Science. 354(6318): 1441, 2016. PMC5362825. Danuser lab: https://www.utsouthwestern.edu/labs/danuser/.


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