



BioMolecular Science Weekly November 30– December 4, 2020

Calendar:

Monday, November 30th

WIPS Online Seminar; 12:00 PM; [Click here For Zoom Link](#) Passcode: 350239

Cole McCutcheon; "Group B Streptococcus Membrane Vesicles: Does composition and production correlate with disease status?"

BioMolecular Science Research Forum; 12:00-1:00 PM; [Click Here For Zoom Link](#)

Emily Roggenkamp; "Elucidating infection and resistance mechanisms in the *Phyllachora maydis* and *Zea mays* pathosystem"

MPS Seminar, 4:00 PM; [Click Here For Zoom Link](#) Passcode: 941910

Kathryn Bushley; "Mining the genomes of nematode parasitic fungi for biological control"

Tuesday, December 1st

MMG Fall Seminar; 3:10 PM; [Click Here For Zoom Link](#)

Faculty Appointment Seminar; "Landscapes shape the genomes of *e. Coli* outside the host"

Physiology Fall 2020 Research Forum; 3:00-4:00 PM; [Click Here For Zoom Link](#)

Passcode: 937598

Briana To & Eran Andrecheck; "The role of E2F5 in breast cancer progression and metastasis"

Wednesday, December 2nd

Pharm Tox Online Seminar; 12:00–1:00 PM; [Click Here For Zoom Link](#) Passcode: PT
Bryan Smith; "New Nanomedical Tools for Molecular Imaging and Theranostics"

GGG Research Forum; 12:00-1:00 PM; [Click Here For Zoom Link](#) Passcode: CMBGGS

Cheryl Rockwell; "T cells defending the northern border: the role of Nrf2 in immune response to influenza"

Thursday, December 3rd

BMB Seminar Series; 11:00 AM; [Click Here For Zoom Link](#) Passcode: 698925

Diane Newman; "A colorful solution to 'breathing' through a biofilm"

EEB Online Seminar; 3:30 PM; [Click Here For Zoom Link](#) Passcode: eebsem2020

Lissy Coley; "Is the high diversity in tropical forests driven by the interaction of plants and their pests?"

Physiology Webinar; 4:00 PM; [Click Here For Zoom Link](#) Passcode: 136529

Janis Burkhardt; "Cytoskeletal control of the T cell response"

CVM Pages and Pixels Book Discussion; 7:00-8:00 PM; [Click Here For More](#)

"Me and White Supremacy"

Friday, December 4th

Pharm Tox Drug Discovery Seminar; 9:00 AM; [Click Here For Zoom Link](#)

Mei-Chuan; "Hyperphosphorylated tau aggregation and cytotoxicity modulators screen identified prescription drugs linked to Alzheimer's disease and cognitive functions"

Science at the Edge Fall 2020 Seminar; 11:30 AM; [Click Here For Zoom Link](#)

Passcode: edge Rebecca Wade; "Zooming in on dynamic interactions of proteins and drugs by computer simulation"

The BMS is now on Twitter



If you want to follow current events and happenings at the BMS check out our twitter @BmsMsu

We would also like to make this a Twitter feed for following current and past BMS students (e.g. Papers Published, Qualifying Exams, Thesis Defense Announcement), so if you have a twitter feed we can follow, please email it to us at BMSGRAD@msu.edu

Announcements:

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

The Deadline for Thesis or Dissertation by the Graduate School is

Friday, December 18, 2020 at 5:00 PM

Deadline to Submit Proposal for PDSRR

Monday, November 30, 2020

Data, Data Management and Research Collaborations

Tuesday, December 1, 2020, 6:00–7:30 PM

This session will discuss the diversity of what data can be, and who controls, owns and can share such data. We will also discuss practical means to protect your data and creative products. For more information and to register please visit: <https://grad.msu.edu/rcr>

AGEP Community Meeting

Thursday, December 3, 2020, 6:00–8:00 PM

To register please visit: <https://grad.msu.edu/events/agep-community-meeting-11>

Save the date: Plant resilience Institute Seminar Series

Tuesday, December 8, 2020, 1:00 PM

Kevin Begcy; “The heat is on: Maize pollen development under heat stress”

Graduate Student Webinar on Writing Proposals for International Dissertation Research Grants

Tuesday, December 8, 2020, 5:00-7:00 PM

This free virtual webinar is open to all MSU graduate students—US and international —planning to write proposals for funding dissertation or pre-dissertation research abroad for deadlines in 2020 or 2021. Grants to be discussed include Fulbright-Hays Doctoral Dissertation Research Abroad Grants, SSRC/ACLS International Dissertation Research Fellowships, NSF, and Ford Minority Fellowships. (Note that applicants for some grants must be US citizens or permanent residents.) More information and Zoom link at <https://grad.msu.edu/events/graduate-student-webinar-writing-proposals-international-dissertation-research-grants>

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

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/>. 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/>

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>

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>