



## Seminar Calendar

### MONDAY, APRIL 19

#### [Microbiology & Molecular Genetics Work in Progress Seminars](#)

Hunter North (Crosson lab) “Genetic Analysis of a Bacterial Cell Cycle”

Noon

[Zoom link](#). Email Rob ([abramov5@msu.edu](mailto:abramov5@msu.edu)) for the password

#### [Molecular Plant Science Seminars](#)

Anton Lang Awards & Lecture

John Shanklin, Brookhaven National Lab

“Regulation of lipid accumulation: From mechanistic studies to field trials”

4:00 PM [Zoom link](#) (Passcode: 941910)

### TUESDAY, APRIL 20

**The Exchange** – (Science discussion for BMB graduate students)

“Journal Club on Dr. Julie St. Pierre, University of Ottawa”

8:00 AM

Email David ([arnosti@msu.edu](mailto:arnosti@msu.edu)) for the Zoom link and password

#### [PRL Tuesday Noon Seminars](#)

Ron Cook, (Benning Lab) – “Lipid phosphate phosphatases in chloroplast lipid metabolism”

Noon [Zoom link](#) (passcode 941910)

#### [Microbiology & Molecular Genetics Seminars](#)

Jabbar Bennett, MSU

“Advancing Diversity, Equity and Inclusion in STEM: The Role of Intentional Leadership”

3:10 PM

[Zoom link](#)

Email Ashley ([shadeash@msu.edu](mailto:shadeash@msu.edu)) or Gemma ([reguera@msu.edu](mailto:reguera@msu.edu)) for the password

### THURSDAY, APRIL 22

#### [BMB Seminar Series](#)

Stewart Graham, Beaumont Hospital/Oakland University

“Future Research Activities of the Graham Lab”

11:00 AM

Email Ashley ([clarkas@msu.edu](mailto:clarkas@msu.edu)) for the Zoom link

## Noteworthy News

Several congratulations this week.

Jeremiah Hutson, Darla Martinez and Nakoa Po were winners of BMB Spring 2021 Pamela J. Fraker Undergraduate Scholarships.



Susanne Hoffman-Benning's student, Amanda Koenig received a COGS leadership endowment fellowship. Amanda is a 5th year PhD candidate in the Genetics and Genome Sciences (GGS) Program and the Molecular Plant Sciences Program. Her research with the Hoffmann-Benning lab uses microscopy, optogenetics, transcriptomics, and biochemistry to study lipid-mediated systemic signaling in abiotic stress response in plants. Read more [here](#).



Dean Dellapenna was recently named an ASPB Pioneer member. Pioneer Members of ASPB provided the education and research training for many members of the community, and in some cases the leadership of the Society and its journals. Read more about the award [here](#) and an interesting interview with Dean can be found [here](#).

**SPARTANS WILL.**

## Announcements

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The Benning lab is hiring a part-time undergraduate lab assistant, ~10 hours a week during school year ~15 hours a week summer. Must be able to work Summer 2021. Starting pay \$10/hour. The position includes lab tasks such as: media making, solution preparation, equipment prep for green algae project. Eventually a student can advance to assisting with experiments. Send questions and resume to Linda ([danhof@msu.edu](mailto:danhof@msu.edu)).

CSTAT Workshop - Initial data analysis: Thursday, April 22, 1-4pm. Statistical model building for prediction in the biological sciences inevitably must take into account properties of the collected data that cannot easily be anticipated. The utility of an initial data analysis plan will be demonstrated in three different data collections including from a diagnostic prediction study of bacteremia with 50 laboratory variables. Data summaries and data visualizations are shown in an electronic lab notebook (R markdown), but no prior knowledge of statistical software is required. Register [here](#).

See the latest coronavirus-related updates, stories and research from across campus, all in one place. Read more in the [MSU weekly coronavirus communications update](#).

The Shapiro lab (MSU Radiology) has multiple openings for funded postdocs in synthetic biology/protein engineering/molecular imaging. This program is geared towards talented PhD scientists with 1) genetic and protein engineering, or 2) contrast agent/radiochemistry backgrounds, to adapt and apply their scientific talents in the fields of biomedical imaging, synthetic biology and theranostics. Email Erik ([shapir86@msu.edu](mailto:shapir86@msu.edu)) for details.

Data Nuggets / Project Biodiversify are searching for undergraduate biology instructors to participate in a paid NSF-funded research study to test the impacts of highlighting scientist role models in instructional materials on student outcomes in biology courses. View the flyer [here](#).

MSU Plant Science Research Greenhouse Facility is hiring undergraduate students for the care, cleaning and maintenance of MSU research greenhouses. Interested applicants should submit a resume and work availability to Caila ([bulkows2@msu.edu](mailto:bulkows2@msu.edu)).

Check out Aurora, a professional development e-learning platform where postdocs and graduate students can explore career options and learn job search strategies to secure employment in academia and beyond. Click [here](#) to see an overview of the Academic Careers and Professional Careers programs.

## Recent Publications

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Landis JB, Miller CM, Broz AK, Bennett AA, Carrasquilla-Garcia N, Cook DR, Last RL, Bedinger PA, Moghe GD. "Migration through a major Andean ecogeographic disruption as a driver of genetic and phenotypic diversity in a wild tomato species." *Mol Biol Evol*. Volume 38. April 2021.

Montgomery BL. "Planting Equity: Using What We Know to Cultivate Growth as a Plant Biology Community." *Plant Cell*. Volume 32. Nov 2020.

Santos-Merino M, Torrado A, Davis GA, Röttig A, Bibby TS, Kramer DM, Ducat DC. "Improved photosynthetic capacity and photosystem I oxidation via heterologous metabolism engineering in cyanobacteria." *Proc Natl Acad Sci U S A*. Volume 118. March 2021.