



## Seminar Calendar

### MONDAY, NOVEMBER 16

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

Shelby Dechow (Abramovitch lab) “Defining the role of PPE51 in *M. tuberculosis* nutrient acquisition and bacterial growth at acidic pH”

Lucas Demey (DiRita lab) “Role of phospholipids in regulated proteolysis of the *Vibrio cholerae* transmembrane virulence activator TcpP”

Noon

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

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

Jonathan Wendel, Iowa State University

“The wondrous cycles of polyploidy in plants”

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

### TUESDAY, NOVEMBER 17

[The Exchange](#) – (Science discussion for BMB graduate students)  
“Journal Club on Babha Gira (Skirball Institute)”

8:00 AM

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

#### [Plant Resilience Institute Seminar](#)

Dr. Christopher Surridge, Chief Editor of *Nature Plants*

“Science publishing without tears”

1:00 PM. Email Nate ([havkonat@msu.edu](mailto:havkonat@msu.edu)) for the Zoom link

### WEDNESDAY, NOVEMBER 18

Metabolism, Membranes, and Metalloenzymology Interest Group  
“3M Club”

Joel Rankin (Hausinger lab)

“The Nickel-Pincer Nucleotide Cofactor: Its Function and Synthesis”

4:00 PM. Email Teri ([compeaut@msu.edu](mailto:compeaut@msu.edu)) for the Zoom link

### THURSDAY, NOVEMBER 19

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

Gira Bhabha, Skirball Institute

## Noteworthy News



Carol McCutcheon, long-time webmaster, BMB Weekly editor, and photographer for BMB, passed on October 27, 2020.

Carol welcomed many people to the Department and took beautiful photos of them at the Annual Picnic and throughout their careers.

Upon retirement in 2004, Carol moved to Cozumel, Mexico, where she pursued her passions for [photography](#) and learning about people and wildlife.

As BMB Weekly editor, Carol often closed issues with words of advice or inspiration, sometimes to the chagrin of serious-minded scientists and staffers, as with the following...

“Some people are like Slinkies - Not really good for anything, but they bring a smile to your face when pushed down the stairs.”

For more about Carol, [click here](#):

**SPARTANS WILL.**

“Tunnels for lipid transport across the bacterial cell envelope”  
11:00 AM. Email Ashley (clarkas@msu.edu) for the Zoom link

## FRIDAY, NOVEMBER 20

### [Plant Biology Seminar Series](#)

Carolyn Malmstrom, MSU (Promotion Seminar)

3:30 PM. Email Chasidy (perezch2@msu.edu) for the Zoom link

## Announcements

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The Department of Chemistry and Biochemistry at Southern Illinois University Carbondale seeks applicants for a tenure-track **Assistant Professor position** in the interdisciplinary area interfacing biochemistry and other core areas of chemistry, including organic, inorganic/materials, analytical, starting August 16, 2021. Applicants must hold a Ph.D. in chemistry or closely related field, be able to teach biochemistry and/or other chemistry core courses at both undergraduate and graduate levels. Email Qingfeng ([qge@chem.siu.edu](mailto:qge@chem.siu.edu)) for more information.

The John Varga Laboratory at the University of Michigan is recruiting a **post-doctoral fellow**. The lab is focused on mechanisms underlying fibrosis progression and novel therapeutic approaches. Experience with fibrosis research and a background in basic bioinformatics is preferred. Please contact Swati ([bhattasw@med.umich.edu](mailto:bhattasw@med.umich.edu)) for details.

ISE 870 Teaching College Science is a 2 credit course that introduces participants to the theory and practice of student-centered college teaching. Participants will be able to use an understanding of how people learn, the basics of curriculum design, and a range of teaching and assessment strategies and instructional technology to plan for, teach, and analyze effective science teaching. This course is one of the elements of the [Certification in Teaching College Science and Mathematics](#), but may be of interest to any grad student interested in enhancing their pedagogical skills. Contact Matt ([oneymatt@msu.edu](mailto:oneymatt@msu.edu)) with questions.

The MSU Sexual Assault Healthcare Program is opening now open. The office is on the 2nd floor of the student services building in suite 237 and will be open 24/7. The phone number (517) 353-2700 is a direct line to the nurse on duty. Exams are free and no insurance information will be collected. The staff are confidential resources at MSU (they are not required to contact OIE/MSUPD under the MSU RVSM policy).

## Recent Publications

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Lybbert AC, Williams JL, Raghuvanshi R, Jones AD, Quinn RA. “Mining Public Mass Spectrometry Data to Characterize the Diversity and Ubiquity of *P. aeruginosa* Specialized Metabolites.” *Metabolites*. Volume 10. November 2020.

Rahnamoun A, Kaymak MC, Manathunga M, Götz AW, Duin A, Merz KM, Aktulga HM. “ReaxFF/AMBER-A Framework for Hybrid Reactive/Nonreactive Force Field Molecular Dynamics Simulations.” *J Chem Theory Comput*. Volume 16. Nov 2020. Online ahead of print.

Vrbanac A, Patras KA, Jarmusch AK, Mills RH, Shing SR, Quinn RA, Vargas F, Gonzalez DJ, Dorrestein PC, Knight R, Nizet V. “Evaluating Organism-Wide Changes in the Metabolome and Microbiome following a Single Dose of Antibiotic.” *mSystems*. Volume 5. November 2020.