



DEPARTMENT OF  
**Biochemistry &  
Molecular Biology**

Please send submissions to Jeff Mason, [masonje6@msu.edu](mailto:masonje6@msu.edu)

## Seminar Calendar

**TUESDAY, AUGUST 25**

### U. Michigan Chemistry-Biology Interface training program

This virtual symposium (with poster sessions) will highlight innovative research at the interface of chemistry and biology and is open to Michigan State University faculty and students.

The deadline to - register is Aug 23 / submit an abstract is Aug 17.

[To register](#)

## Announcements

Congratulations to George Mias who has been promoted to Associate Professor.

The MSU COVID-19 website has been rebranded as 'Together We Will' and outlines the latest efforts on returning to campus.

[Read more](#)

MSU IT will now provide three new tools, Camtasia, Snagit and iClicker at no cost to users. Learning experiences that can be flexible across virtual and face-to-face environments are key to creating safe and student-centered spaces as we prepare for a mix of hybrid and online teaching and learning this fall.

[Read more](#)

BMB is submitting a change in building plans that will allow eating in the building. This plan has not been approved yet but is expected to be approved in the next few weeks. Details will follow.

A new Mastercard MSU Travel Card is now being offered to University Travelers in replacement of the Amex card. Because MSU pays the balance due for all accounts, there are no credit checks nor does having this credit card impact your credit rating. The MSU Travel Card is strictly for MSU business travel expenses – no personal expenses are allowed. Prospective cardholders must complete training in D2L and apply online.

[MSU Travel Card training](#)

### Open Positions:

Center for Biomedical Career Development within the University of Massachusetts Medical School is seeking a postdoctoral fellow to join their efforts in implementing, evaluating, and disseminating career development programs for doctoral and postdoctoral scholars in the biomedical sciences. This is a full-time

## Noteworthy News



Kati Ford has been awarded a National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP) grant for her project "Carbon fixation and *Shewanella oneidensis*: a cleaner approach to engineered biofuels". The NSF GRFP program recognizes and supports outstanding graduate students in NSF-supported science, technology, engineering, and mathematics disciplines who are pursuing research-based master's and doctoral degrees at accredited United States institutions.

Kati is mentored by Michaela TerAvest and will be working on creating cleaner biofuel production using electricity and carbon dioxide (CO<sub>2</sub>) from industrial waste as the sole inputs.

**SPARTANS WILL.**

training position intended to prepare a scientist interested in moving into career development, academic administration, teaching, or similar career paths while bringing a scholarly perspective to their future endeavor.

[More information](#)

RIKEN Center for Sustainable Resource Science is looking for a Team Leader (indefinite-term employment position) in the field of 'Integration of molecular physiology of photosynthesis and metabolic engineering'.

[More information](#)

## Recent Publications

Scott KM, Harmer TL, Gemmell BJ, Kramer AM, Sutter M, Kerfeld CA, Barber KS, Bari S, Boling JW, Campbell CP, Gallard-Gongora JF, Jackson JK, Lobos A, Mounger JM, Radulovic PW, Sanson JM, Schmid S, Takieddine C, Warlick KF, Whittaker R. “Ubiquity and functional uniformity in CO<sub>2</sub> concentrating mechanisms in multiple phyla of Bacteria is suggested by a diversity and prevalence of genes encoding candidate dissolved inorganic carbon transporters.” *FEMS Microbiol Lett.* Volume 367. July 2020.

Alseekh S, Ofner I, Liu Z, Osorio S, Vallarino J, Last RL, Zamir D, Tohge T, Fernie, AR. “Quantitative trait loci analysis of seed-specialized metabolites reveals seed-specific flavonols and differential regulation of glycoalkaloid content in tomato”. *Plant Journal.* Volume 103. July 2020.