

**Department Of  
Biochemistry &   
Molecular Biology**

**BMB Weekly  
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February 22 – 26**

**COLLEGE OF NATURAL SCIENCE |** [**bmb.msu.edu**](https://bmb.natsci.msu.edu/)

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

**Seminar Calendar**

**Noteworthy News**



Please join me in congratulating Ana-Maria Raicu, a graduate student in David Arnosti's lab, who was recently selected to serve as the Trainee Representative on the FlyBoard. The FlyBoard is made up of scientists across North America, who use Drosophila as their primary model organism.

As representative, she will contribute a student’s perspective on what the fly community needs to improve access to resources and facilitate communication between trainees and researchers.

**Spartans Will.**

**Monday, February 22**

[**Molecular Plant Science Seminars**](https://prl.natsci.msu.edu/news-events/seminars-events/)

Eric Schmelz, University of California San Diego

“Mechanisms for plant recognition of animals: a case for reasonable receptor-ligand candidates in legumes”

4:00 PM

[**Zoom link**](https://msu.zoom.us/j/95996313892) (Passcode: 941910)

**Tuesday, February 23**

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

“Journal Club on Dr. Sarah Keane, U. Michigan”

8:00 AM

Email David (arnosti@msu.edu) for the Zoom link and password

[**PRL Tuesday Noon Seminars**](https://prl.natsci.msu.edu/news-events/seminars-events/)

Danielle Young, MSU (Shachar-Hill Lab)

Noon

[Zoom link](http://msu.zoom.us/j/96867611746) (passcode 941910)

[**Microbiology & Molecular Genetics Seminars**](https://mmg.natsci.msu.edu/events-seminars/mmg-seminars-spring-2021/)

Kinjal Majumder, University of Wisconsin-Madison.

“How do small DNA viruses navigate the nuclear environment to establish infection?”

3:10 PM

[Zoom link](https://msu.zoom.us/j/97539214122)

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

**Thursday, February 25**

[**BMB Seminar Series**](https://bmb.natsci.msu.edu/research/seminars/bmb-spring-2021-seminar-series1/)

Sarah Keane, U Michigan

“Precursor microRNA structure and dynamics”

11:00 AM

Email Ashley (clarkas@msu.edu) for the Zoom link

[**EEB Seminar Series**](https://eeb.msu.edu/events/seminar-series/)

Angela Strecker, Institute for Watershed Studies - Western Washington University

“What are the roles of connectivity and the environment in structuring freshwater communities?”

3:30 PM

Email Barbara (eeb@msu.edu) for the Zoom link

**Announcements**

Don’t forget to follow MSU\_BMB on Twitter.

GRIT's upcoming movie event on March 4th at 7pm will have people view the 2016 movie "Hidden Figures" in advance, then meet and greet and discussion about the film.  Graduate students and faculty are both welcome. Register [here](https://forms.gle/M2dXAtvaqBU8yENq8) in advance to receive the Zoom link and a snack bag.

"Broader Impacts of Research: Strategies, Resources & Partners" Virtual Conference - March 17-18. Open to all, this conference will offer participants an overview of the Broader Impacts (BI) of research criterion for NSF grants, and provide resources, supports and partners available to help them design innovative activities. Registration is open [here](https://vp.research.msu.edu/event/broader-impacts-conference).

Applications are due March 1 for the IMPACTS program, which aims at training doctoral students in their first or second year, to employ computational and data science approaches to analyze and interpret heterogeneous, multi-scale measurement data to predict plant responses in variable environments at local to global scales. See this [application document](https://docs.google.com/document/d/1EAK7Ta5jEGThsvpHMYoB37JpLemhDBKtXLFue9r2Rig/edit) for details.

[MSU SciComm](https://www.msuscicomm.org/) will be hosting a virtual SciComm Conference, “Conveyance,” on March 20th and 21st. Workshop and speakers will encompass MSU SciComm’s main methods of communicating science to the public: art, policy, outreach/public engagement, reporting, and writing. Featured speakers and registration can be found [here](https://www.msuscicomm.org/conveyance).

Jonathan Monroe ([monroejd@jmu.edu](mailto:monroejd@jmu.edu)) in the Department of Biology at James Madison University is hiring a postdoc that intends to seek out a career at a primarily undergraduate institution (PUI). The postdoc will gain experience mentoring undergrads in the lab and teaching both lecture and lab courses.

**Recent Publications**

Roach TNF, Dilworth J, Martin Hernandez C, Jones DA, Quinn RA, Drury C. “Metabolomic signatures of coral bleaching history.” *Nat Ecol Evol*. Volume 5. February 2021.

Heo L, Arbour CF, Janson G, Feig M. “Improved Sampling Strategies for Protein Model Refinement Based on Molecular Dynamics Simulation.” *J Chem Theory Comput*. Volume 17. February 2021. Online ahead of print.