



Seminar Calendar

TUESDAY, JANUARY 8

[MMG Seminar](#)

Dr. Jun Zhu, University of Pennsylvania

"Vibrio cholerae's gut feelings"

4:10 PM, Room 1415 BPS

THURSDAY, JANUARY 10

[BMB Colloquium](#)

Andreas Matouschek, University of Texas, Austin

"Deciphering the proteasomal degradation code"

11:00 AM, Room 101 Biochemistry

Announcements

Checkout the [Grad/Postdoc News](#) page on the BMB website for the latest events and opportunities.

[11th Annual Graduate Academic Conference](#)

This year, the conference explores how research impacts everyday lives. The keynote and workshops will engage graduate students in rich discussions on how to apply theoretical knowledge to practical problems in a creative way.

Abstract Submission Deadline: January 11, 2019. Conference Date: February 16, 2019.

[Annual Series of "Thriving at Michigan State University" Workshops](#)

This year, the Academic Advancement Network in collaboration with Academic Human Resources will host their annual series of "Thriving at Michigan State University" workshops to provide faculty and academic specialists with important information and strategies on how to be successful in their careers at our institution. Content will be tailored for each appointment type's specific needs. Workshops will be held in January and February of 2019.

[BMB960 Sec 002: Chromatin Dynamics and Gene Expression in Development](#)

This course will examine modern literature, focusing on a wide variety of systems and approaches to look at the integration of chromatin dynamics and gene expression in development and disease.

[CMSE 801, Introduction to Computational Modeling](#)

We will explore the tools required to design, build and utilize computational models that are applied to many problems from a wide range of scientific disciplines. The main goal is to learn the skills necessary to apply computational techniques to a dataset of interest. Creating models to describe and understand systems (in the physical, life, or social sciences, or in engineering) is the driving principle of this course.

[Assistant Professor in Biochemistry, University of Nebraska at Omaha](#)

The Department of Chemistry at the University of Nebraska at Omaha invites applications for the position of Assistant Professor in Biochemistry. This is a 9-month, tenure-track position beginning August 19, 2019. The position requires a commitment to excellence in teaching and to the establishment of a research program that involves working with undergraduate students. Review of applications will begin in January 2019.

[Assistant Professor - Department of Biology, West Virginia University](#)

As part of an expansion in molecular genetics research, West Virginia University invites applications for a tenure-track position at the Assistant Professor level in the Department of Biology to begin August 2019. Review of completed applications will begin on January 21, 2019 and will continue until the position is filled.

[Phytochemical Society of North America 58th Annual Meeting](#)

Symposiums include natural product metabolism and enzymology, chemical ecology, and natural products in agriculture and medicine. July 20-24, 2019, Johnson City, Tennessee.

Recent Publications

For most publications from BMB labs during the past year, see [Recent Publications](#) on the BMB website.

Nawrocki G, Karaboga A, Sugita Y, Feig M. "Effect of protein-protein interactions and solvent viscosity on the rotational diffusion of proteins in crowded environments." *Phys Chem Chem Phys*. (2019) Jan 2;21(2):876-883. doi: [10.1039/c8cp06142d](https://doi.org/10.1039/c8cp06142d)

Ren T, Weraduwege SM, Sharkey TD. "Prospects for enhancing leaf photosynthetic capacity by manipulating mesophyll cells morphology." *J Exp Bot*. (2018) Dec 27. doi: [10.1093/jxb/ery448](https://doi.org/10.1093/jxb/ery448)

Opron K, Burton ZF. "Ribosome Structure, Function, and Early Evolution." *Int J Mol Sci*. (2018) Dec 21;20:(1). doi: [10.3390/ijms20010040](https://doi.org/10.3390/ijms20010040)

Thompson R, Chan C. "NRSF and Its Epigenetic Effectors: New Treatments for Neurological Disease." *Brain Sci*. (2018) Dec 19;8:(12). doi: [10.3390/brainsci8120226](https://doi.org/10.3390/brainsci8120226)