



Seminar Calendar

MONDAY, NOVEMBER 25

[MPS Seminar](#)

John Schiefelbein, University of Michigan

"Studying root epidermis development in *Arabidopsis thaliana*"

4:10 PM, Room 1200 MPS

TUESDAY, NOVEMBER 26

[The Exchange](#)

Diversity in the workforce

8:00 AM, Room 208 Biochemistry

[MMG Seminar](#)

Nina Salama, University of Washington

"Staying in shape: bacterial cytoskeleton-cell wall interactions in the gastric pathogen *Helicobacter pylori*"

4:10 PM, Room 1415 BPS

Announcements

[ETD Walk-In Help](#)

Thursday, November 21, 2019 - 2:00pm to 3:00pm, Chittenden Hall, Room 220

Graduate School staff will be available to review your thesis/dissertation. Please bring your laptop to access your document. No RSVP is necessary.

[Sleep to Compete](#)

Thursday, November 21, 2019 – 6:00pm to 8:00pm, Chittenden Hall, Room 110

Sleep can have a significant impact on academic performance. This workshop addresses how sleeping properly can help you work more efficiently and improve your overall quality of life.

[Public forum on “Targeting Host Immune Cells in Lethal Prostate Cancer”](#)

Friday, November 22, 2019 - 4:00pm to 5:00pm, Chittenden Hall, Room 110

Dr. Jelani Zarif is an Assistant Professor of Oncology at the Johns Hopkins School of Medicine - Sidney Kimmel Comprehensive Cancer Center. His research focuses principally on prostate cancer immunology and identifying the molecular mechanisms by which host immune cells contribute to prostate cancer metastasis. Dr. Zarif received his Ph.D. in Cell and Molecular Biology from Michigan State University in 2014.

Noteworthy News



Breakthroughs in cystic fibrosis are finally happening. While the latest CF headlines tout a new genetic treatment that targets its underlying cause, a major challenge still remains: How will we get rid of the chronic lung infections that plague CF patients? A Michigan State University scientist is trying to understand how these complex infections cause such a terrible disease. Through a \$2.7 million National Institutes of Health grant, MSU and Spectrum Health are examining the ubiquitous anaerobic bacteria found in all CF patients, which are often dismissed as a non-factor by scientists.

[More...](#)

SPARTANS WILL.

[Writing Cowork](#)

Need help with scientific writing? Come join us at the Writing Cowork workshops held from 2 pm – 4 pm in BPS 2245 on November 13, November 27, and December 11.

Recent Publications

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

Young E, Sakkos JK, Huang J, Wright JK, Kachel B, Fuentes-Cabrera M, Kerfeld CA, Ducat DC. “Visualizing in vivo dynamics of designer nanoscaffolds.” *Nano Lett.* (2019) Nov 20;. doi: [10.1021/acs.nanolett.9b03651](https://doi.org/10.1021/acs.nanolett.9b03651)

Nawrocki G, Im W, Sugita Y, Feig M. “Clustering and dynamics of crowded proteins near membranes and their influence on membrane bending.” *Proc Natl Acad Sci U S A.* (2019) Nov 18;. doi: [10.1073/pnas.1910771116](https://doi.org/10.1073/pnas.1910771116)

Josyula N, Andersen ME, Kaminski NE, Dere E, Zacharewski TR, Bhattacharya S. “Gene co-regulation and co-expression in the aryl hydrocarbon receptor-mediated transcriptional regulatory network in the mouse liver.” *Arch Toxicol.* (2019) Nov 14;. doi: [10.1007/s00204-019-02620-5](https://doi.org/10.1007/s00204-019-02620-5)

Kuznetsova V, Dominguez-Martin MA, Bao H, Gupta S, Sutter M, Kloz M, Rebarz M, Přeček M, Chen Y, Petzold CJ, Ralston CY, Kerfeld CA, Polívka T. “Comparative ultrafast spectroscopy and structural analysis of OCP1 and OCP2 from *Tolypothrix*.” *Biochim Biophys Acta Bioenerg.* (2019) Nov 14;148120. doi: [10.1016/j.bbabi.2019.148120](https://doi.org/10.1016/j.bbabi.2019.148120)

Vocelle D, Chan C, Walton SP. “Endocytosis Controls Small Interfering RNA Efficiency: Implications for Small Interfering RNA Delivery Vehicle Design and Cell-Specific Targeting.” *Nucleic Acid Ther.* (2019) Nov 12;. doi: [10.1089/nat.2019.0804](https://doi.org/10.1089/nat.2019.0804)