



Please send submissions to Steve Lundback, lundback@msu.edu, 212 Biochemistry (Mailbox on 2nd Floor)

Announcements

[BMB Window Replacement Project](#)

All external windows in the Biochemistry building will be replaced this summer. The north side of the first floor is tentatively scheduled for May 29 through June 5. **Laboratories will be closed to personnel for one or two days while lab windows are being replaced.** Contact [Nichole Daly](#) for a more specific first floor window replacement schedule.

[A Beginner's Guide for Addressing Sexual Harassment in Academia](#)

An excellent article from Edge for Scholars for promoting STEM inclusivity by addressing sexual harassment in academia.

[Inaugural ComSciCon Effective Science Communication Workshop](#)

The 2018 ComSciCon is for STEM graduate students interested in science communication. The conference will be held in Ann Arbor from August 25 through August 26. Apply by June 15, 2018.

[STEM Teaching Resources](#)

The Center for the Integration of Research, Teaching and Learning (CIRTL) CIRTL provides resource for the teaching of STEM disciplines in higher education. They host MOOCs, online short courses, workshops and more. A link will always be available on the [Grad/Postdoc News page](#) under External Links.

[Venture Fellow Info Session](#)

The team at Spartan Innovations provides critical resources and guidance to Michigan State University researchers, faculty, and students, helping to launch their startup companies. An information session will be held on Thursday, May 24 from 10:00 to 2:00 PM at 1400 BPS.

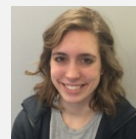
[AgCenter Postdoctoral Researcher position, Louisiana State University](#)

The Stout Lab in the Department of Entomology at Louisiana State University Agricultural Center is seeking highly motivated individual with experience in the separation, isolation, identification, and quantification of plant natural products. Applications are being accepted until June.

[Wilson Road Extension Project](#)

Fee Road will be closed from now until May 18 for the extension of Wilson road to Hagadorn road. The east section of Wilson road (Wharton Center Ramp to Shaw) will be closed May 19 – July 6.

Noteworthy News



BMB graduate student Alyssa Preiser is the 2018 – 2019 recipient of the Barnett Rosenberg Endowed Research Assistantship. Alyssa works in Dr. Thomas Sharkey's lab characterizing an alternative pathway around the Calvin-Benson cycle. The Assistantship will support Alyssa for one year with a stipend, health insurance, and tuition reimbursement. [Read more here.](#)

SPARTANS WILL.

Recent Publications

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

Kim Y, Benning N, Pham K, Baghdadi N, Caruso G, Colligan M, Grayson A, Hurley A, Ignatoski N, McClure S, Mckaig K, Neag E, Showers C, Tangalos A, Vanells J, Padmanabhan K, Burton ZF. "Homology threading to generate RNA polymerase structures." *Protein Expr Purif.* (2018) Jul;147:13-16. doi: [10.1016/j.pep.2018.02.002](https://doi.org/10.1016/j.pep.2018.02.002)

Attanayake G, Walter T, Walker KD. "Understanding Which Residues of the Active Site and Loop Structure of a Tyrosine Aminomutase Define its Mutase and Lyase Activities." *Biochemistry.* (2018) May 14;. doi: [10.1021/acs.biochem.8b00269](https://doi.org/10.1021/acs.biochem.8b00269)

Liu MJ, Sugimoto K, Uygun S, Panchy N, Campbell MS, Yandell M, Howe GA, Shiu SH. "Regulatory Divergence in Wound-Responsive Gene Expression between Domesticated and Wild Tomato." *Plant Cell.* (2018) May 9. doi: [10.1105/tpc.18.00194](https://doi.org/10.1105/tpc.18.00194)

Pak D, Kim Y, Burton ZF. "Aminoacyl-tRNA synthetase evolution and sectoring of the genetic code." *Transcription.* (2018) May 4;1-36. doi: [10.1080/21541264.2018.1467718](https://doi.org/10.1080/21541264.2018.1467718)