



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

Announcements

[BMB Biweekly Picnic](#)

Our first biweekly picnic will be held June 28, 12 - 1 PM, in the BMB courtyard.

[Thesis and Dissertation Help Sessions](#)

The Graduate School will be offering thesis and dissertation walk-in formatting help sessions on July 30th and August 7th in room 220, Chittenden Hall.

[Cisplatin Celebration & Cancer Research Symposium](#)

The two-day event will include a reception and a cancer research poster presentation on Friday evening, followed by an all-day symposium on Saturday that features a veritable "Who's Who" of scientists and experts in the cisplatin/carboplatin field. August 3-4.

[Graduate and Professional Student Fall Welcome Cookout](#)

The Council of Graduate Students and Graduate Student Life and Wellness host the Cookout as a way to introduce new students to Michigan State University and allow returning students to engage in positive, fun, and enriching outdoor activities to celebrate the beginning of the academic year. This coincides with the Graduate Resource Fair on August 25th.

[NIH Request for Information: How to Increase STEM Faculty Diversity](#)

Please reply to this request for information by July 20, 2018.

[2018 Women in Science Conference](#)

This three-day event will be hosted by the Association for Women in Science, Notre Dame Chapter (AWIS-ND) and will be held during October 5-7. The Conference is designed to provide graduate student women in science, technology, engineering, and mathematics a venue for networking and professional development.

Noteworthy News



Sophia Lunt was recently awarded funding from the Strategic Partnership Grants (SPG) Program to pursue the development of the next generation of fluorescent agents for cancer diagnostics and therapy. Co-investigators on this project include Richard Lunt (Engineering) and Babak Borhan (Chemistry). The [SPG Program](#) is sponsored by the Office of the Vice President for Research and Graduate Studies at MSU.

SPARTANS WILL.

BMB Window Replacement Project Weekly Schedule

| | |
|---------------------------|----------------------------------|
| Mon (25 th) | Rm 310 & 310C |
| Tues (26 th) | Rm 302c & 310A |
| Wed (27 th) | Rm 302a, 302b, 302c, 302d & 224a |
| Thurs (28 th) | Rm 224 & 220a |
| Fri (29 th) | Rm 220, 218, 218a & 2018b |

During the time of the window replacement, no one is allowed in the lab at any time per EHS. Labs need to clear all windowsills, move chairs out of the way, cover all experiments, and close any open chemicals. Lab personnel will be able to return after the windows are installed, however there will be patching and painting to follow window replacement.

Contact [Nichole Daly](#) for more details.

Recent Publications

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

Midic U, Vincent KA, Wang K, Lokken A, Severance AL, **Ralston A**, Knott JG, Latham KE. “Novel key roles for Structural maintenance of chromosome flexible domain containing 1 (Smchd1) during preimplantation mouse development.” *Mol Reprod Dev.* (2018) Jun 13; doi: [10.1002/mrd.23001](https://doi.org/10.1002/mrd.23001)

Severin GB, Ramliden MS, Hawver LA, Wang K, Pell ME, Kieninger AK, Khataokar A, O'Hara BJ, Behrmann LV, Neiditch MB, **Benning C**, Waters CM, Ng WL. “Direct activation of a phospholipase by cyclic GMP-AMP in El Tor *Vibrio cholerae*.” *Proc Natl Acad Sci U S A.* (2018) Jun 11. doi: [10.1073/pnas.1801233115](https://doi.org/10.1073/pnas.1801233115)

Agostoni M, Logan-Jackson AR, Heinz ER, Severin GB, Bruger EL, Waters CM, **Montgomery BL**. “Homeostasis of Second Messenger Cyclic-di-AMP Is Critical for Cyanobacterial Fitness and Acclimation to Abiotic Stress.” *Front Microbiol.* (2018) May 29;9:1121. doi: [10.3389/fmicb.2018.01121](https://doi.org/10.3389/fmicb.2018.01121)

Teoh ST, Ogradzinski MP, Ross C, Hunter KW, **Lunt SY**. “Sialic Acid Metabolism: A Key Player in Breast Cancer Metastasis Revealed by Metabolomics.” *Front Oncol.* (2018) May 28;8:174. doi: [10.3389/fonc.2018.00174](https://doi.org/10.3389/fonc.2018.00174)