



Please send submissions to Steve Lundback, [lundback@msu.edu](mailto:lundback@msu.edu), 212 Biochemistry (Mailbox on 2<sup>nd</sup> Floor)

## Seminar Calendar

### Tuesday, July 17

Amnis Imaging Flow Cytometry Systems

*“What imaging in flow can do for you”*

10:00 AM, Room 1425 BPS

### Wednesday, July 18

Mario Romero-Ortega, University of Texas, Dallas

*“Peripheral neural interfacing in bionic limb control and bioelectronic medical applications”*

11:00 AM, [IQ Atrium](#)

## Announcements

### Thesis and Dissertation Help Sessions

The Graduate School will be offering thesis and dissertation walk-in formatting help sessions on July 30 and August 7 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 25.

### NIH Request for Information: How to Increase STEM Faculty Diversity

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

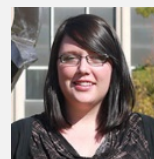
### 2018 Women in Science Conference

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.

### Preventing Harassment in STEM Academia

This article from *The Chronicle of Higher Education* investigates the scope of sexual harassment in research universities and suggests policies to address the problem.

## Noteworthy News



Congratulations to Kristen Gaffney, who successfully defended her Ph.D. thesis last week! Kristen was Heedeok Hong’s first Ph.D. student, and published her work on protein folding in *JACS* and *Nature Chemical Biology*. Off to a job in industry, starting this week. *Read more about Kristen’s research and plans [here](#).*

**SPARTANS WILL.**

## BMB Window Replacement Project Weekly Schedule

Monday (7/16) 519, 513B  
Tuesday (7/17) 513B, 513A, 513  
Wednesday (7/18) 513, 509B  
Thursday (7/19) 509D, 509  
Friday (7/20) 509A, 501B, 501

Monday (7/23) 501, 501A  
Tuesday (7/24) 501A, 419A, 419  
Wednesday (7/25) 419, 413B  
Thursday (7/26) 413A, 413  
Friday (7/27) 413, 409B

**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

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

Zeng X, Uyar A, Sui D, Donyapour N, Wu D, **Dickson A**, Hu J. "Structural Insights into Lethal Contractural Syndrome Type 3 (LCCS3) Caused by a Missense Mutation of PIP<sub>5</sub>K $\gamma$ ." *Biochem J.* (2018) Jun 29. doi: 10.1042/BCJ20180326

Iyer J, Singh MD, Jensen M, Patel P, Pizzo L, Huber E, Koerselman H, Weiner AT, Lepanto P, Vadodaria K, Kubina A, Wang Q, Talbert A, Yennawar S, Badano J, Manak JR, Rolls MM, **Krishnan A**, Girirajan S. "Pervasive genetic interactions modulate neurodevelopmental defects of the autism-associated 16p11.2 deletion in *Drosophila melanogaster*." *Nat Commun.* (2018) Jun 29;9(1):2548. doi: 10.1038/s41467-018-04882-6

**Merz KM Jr.** "Investing in the Future." *J Chem Inf Model.* (2018) Jun 25;58(6):1153. doi: 10.1021/acs.jcim.8b00360

Du ZY, Alvaro J, Hyden B, Zienkiewicz K, Benning N, Zienkiewicz A, Bonito G, **Benning C.** "Enhancing oil production and harvest by combining the marine alga *Nannochloropsis oceanica* and the oleaginous fungus *Mortierella elongata*." *Biotechnol Biofuels.* (2018) Jun 22;11:174. doi: 10.1186/s13068-018-1172-2

Raschka S, More SK, Devadoss D, Zeng B, **Kuhn LA**, Basson MD. "Identification of potential small-molecule protein-protein inhibitors of cancer metastasis by 3D epitope-based computational screening." *J Physiol Pharmacol.* (2018) Apr;69:(2). doi: 10.26402/jpp.2018.2.11