



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

Seminar Calendar

MONDAY, SEPTEMBER 11

No Seminars

TUESDAY, SEPTEMBER 12

[MMG Seminar](#)

Tom Hope, Northwestern University

“Utilizing imaging approaches to reveal details of the HIV lifecycle”

11:00 AM, Room 1425 BPS

WEDNESDAY, SEPTEMBER 13

No Seminars

THURSDAY, SEPTEMBER 14

[BMB Colloquium](#)

Jason Spence, University of Michigan

“Modeling human development using insights from organoids and embryos”

11:00 AM, Room 101 Biochemistry

[EEBB Seminar](#)

Rachael Eaton, Rice University

“Careers outside of academia”

3:30 PM, Room 1420 BPS

FRIDAY, SEPTEMBER 15

[SATE Seminar](#)

Pankaj Metha, Boston University

“Understanding emergent behaviors in biology: from cell fate to microbial ecosystems”

11:30 AM, Room 1400 BPS

Announcements

[Upcoming Workshops from The Graduate School](#)

- Developing a Professional Identity (for PhD students)
Wednesday, September 13th, 2017, 5:30pm to 7:00pm, 110 Chittenden Hall
- Navigating the Master’s Degree
Friday, September 15th, 2017, 9:00am to 1:00pm, 300 Bessey Hall (The Writing Center)
- Developing Your Non-Academic Cover Letter
Tuesday, September 19th, 2017, 5:30pm to 7:00pm, 110 Chittenden Hall
- Write-In at the Graduate School
Friday, September 22nd, 2017, 9:00am to 12:00pm, 110 Chittenden Hall and Chittenden Common

Noteworthy News



The [Hu lab](#) provided the first structural framework for understanding metal transport mechanisms of ZIP proteins in their latest publication, [“Crystal Structures of a ZIP zinc transporter reveal a binuclear metal center in the transport pathway.”](#) A feature story was published in [MSU Today](#).

SPARTANS WILL.

Postdoc Appreciation Day and Networking Event

Seminars and Workshops will be held September 15th in 1425 BPS starting at 10:00am. Resource fair and free lunch from Woody's Oasis for all RSVP'd postdocs from 11.30am to 1pm in Molecular Plant Sciences Atrium.

Mid-Michigan Chapter of Graduate Women in Science Fall Meeting

The [Mid-Michigan Chapter of Graduate Women in Science](#) is hosting our fall meeting on Monday, September 11th at 5:30pm in Biomedical and Physical Sciences 1415. We would like to invite all of the BMB students to join us for our welcome meeting! Attendees will find out more about GWIS, what opportunities the Mid-Michigan chapter has planned this year, and everyone will have the chance to meet one another and socialize over some free food.

Ford Foundation Fellowships

Stipends available for predoctoral, doctoral, or postdoctoral researchers. Deadline is December 7th, 2017.

Job Postings

Faculty Director in Plant Phenomics, University of Nebraska

This position in the Institute of Agriculture and Natural Resources (IANR) at the University of Nebraska is for a Faculty Director in Plant Phenomics with a 65% research, 15% teaching, and 20% administrative appointment as associate or full professor, tenured/tenure leading faculty position.

Recent Publications

Jurrus E, Engel D, Star K, Monson K, Brandi J, Felberg LE, Brookes DH, Wilson L, Chen J, Liles K, Chun M, Li P, Gohara DW, Dolinsky T, Konecny R, Koes DR, Nielsen JE, Head-Gordon T, Geng W, Krasny R, Wei GW, Holst MJ, McCammon JA, Baker NA. "Improvements to the APBS biomolecular solvation software suite." *Protein Sci.* (2017) Aug 24;. doi: [10.1002/pro.3280](https://doi.org/10.1002/pro.3280)

Moghe GD, Leong BJ, Hurney S, Jones AD, Last RL. "Evolutionary routes to biochemical innovation revealed by integrative analysis of a plant-defense related specialized metabolic pathway." *Elife.* (2017) Aug 30;. doi: [10.7554/eLife.28468](https://doi.org/10.7554/eLife.28468)

Liu J, Hiser C, Ferguson-Miller S. "Role of conformational change and K-path ligands in controlling cytochrome c oxidase activity." *Biochem Soc Trans.* (2017) Aug 24;. doi: [10.1042/BST20160138](https://doi.org/10.1042/BST20160138)

Sharkey TD. "A dichotomy resolved: plant growth can control the rate of starch accumulation." *Plant Cell Environ.* (2017) Aug 30;. doi: [10.1111/pce.13059](https://doi.org/10.1111/pce.13059)