



Please send submissions to Jeff Mason, masonje6@msu.edu

Seminar Calendar

TUESDAY, SEPTEMBER 8

[PRL Tuesday Noon Seminars](#)

Aaron Reifler, Director MSU Office of Postdoctoral Affairs
“Success as a Postdoc at MSU”

Noon

Email Aaron (reiflera@msu.edu) for the Zoom link

THURSDAY, SEPTEMBER 10

[BMB Seminar Series](#)

Ryan Hunter, University of Minnesota
“Good bugs gone wild: “Commensal” microbiota in chronic airway disease”

11:00 AM

Email Ashley (clarkas@msu.edu) for the Zoom link

FRIDAY, SEPTEMBER 11

[Science at the Edge](#)

Jon Lederer, University of Maryland
“How mitochondrial ATP production is regulated in heart”

11:30 AM

Email Alex Dickson (alexrd@egr.msu.edu) for the Zoom link

Announcements

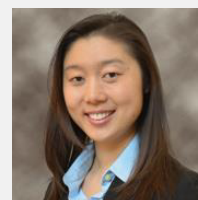
Below is an interesting article from *The Chronicle of Higher Education* with some tips for helping students through another tough semester. The topics include simple ways professors can help stressed-out students navigate their courses and other resources for supporting students during the pandemic.

[Click here](#)

A team of BMB biochemists, who care deeply about our undergraduates, are sewing masks in their spare time and donating the money raised (over \$6K so far) to MSU undergraduate funds. The team is called [sew4science](#) and consists of Amy Ralston, Kristin Parent, Leslie Thompson, Claire Vieille and Michaela TerAvest. Look them up if you need a great mask.

The BMB Student Emergency Fund is accepting donations.

Noteworthy News



Please join me in congratulating Sophia Lunt for receiving the 2020 Metabolomics Association of North America (MANA) Young Investigator Award. This award is given to a researcher whose work has exhibited exceptional novelty or has pushed the boundaries of metabolomics, or whose early career efforts have resulted in sustained, substantial, and noteworthy contributions to the field.

Sophia will be giving the Young Investigator Award lecture at the annual MANA conference September 16, 2020.

SPARTANS WILL.

This fund was set up to provide funding to any undergraduate student in BMB (NatSci and Lyman Briggs) who has unforeseen short-term needs because of the COVID-19 pandemic. Funding will be distributed based on availability and student's need.

For more information and to make a donation [click here](#).

Course Announcements:

Fall 2020

Nov 9 – Dec 7 2020 | MW 3:00–4:40 pm

Gaps, Missteps, & Errors in Statistical Data Analysis

A short course on developing a mental toolkit for rigorous practice and critical consumption of data analysis and visualization. Open to students, postdocs/researchers, and faculty: bit.ly/statgaps2020_signup.

Spring 2021 | MWF 11:00a–12:10pm

Bioinformatics & Computational Biology

Introduction to the inner-workings of methods – analytical techniques, algorithms, and statistical/machine-learning approaches – for addressing key questions in biology & medicine.

2020 course page: bit.ly/compbio2020;

For questions about either course, contact Arjun Krishnan (arjun@msu.edu).

Recent Publications

Guo R, Cang Z, Yao, J Kim M, Deans E, Wei G, Kang SG, Hong H. “Structural cavities are critical to balancing stability and activity of a membrane-integral enzyme.” *Proc Natl Acad Sci USA*. Volume 117. August 2020.

Lau KH, Bhat WW, Hamilton JP, Wood JC, Vaillancourt B, Wiegert-Rininger K, Newton L, Hamberger B, Holmes D, Hamberger B, Buell CR. “Genome assembly of *Chiococca alba* uncovers key enzymes involved in the biosynthesis of unusual terpenoids” *DNA Research*. Volume 27. June 2020.

Small S, Arnosti D. “Transcriptional Enhancers in *Drosophila*.” *Genetics*. Volume 216. September 2020.

Santiago JP, Ward JM, Sharkey TD. “Phaseolus vulgaris SUT1. 1 is a high affinity sucrose-proton co-transporter.” *Plant Direct*. August 2020.

Hao Liu, Luo Z, Lin, YW, Merz KM, Zheng Z. “Receptor-Ligand Binding Free Energies from a Consecutive Histograms Monte Carlo Sampling Method.” *Journal of Chemical Theory and Computation*. Volume 16. June 2020.