



Seminar Calendar

WEDNESDAY, JULY 10

Lana Garmire, University of Michigan

"Applications of deep learning in genomics research across scales"

11:00 AM, IQ Atrium, Woodlot Road

THURSDAY, JULY 11

Guowei Wei, Mathematics/BMB

"Can AI discover the drugs of the future?"

11:00 AM, Room 208 Biochemistry

Announcements

[Workshops from the Graduate School](#)

Navigating the PhD: Managing Time and Academic

Relationships (Session 1)

The Writing Center

Friday, August 2, 2019 - 9:00am to 12:00pm

Navigating the PhD: Writing Processes & Strategies for

Academic Writing (Session 2)

The Writing Center

Friday, August 2, 2019 - 1:00pm to 4:00pm

[10 Ways to Support New Mothers in STEM](#)

An article from *The Scientist* addressing some of the issues scientist face as new parents.

[Advanced Molecular Imaging Course](#)

An advanced molecular imaging course targeted toward senior graduate students, postdoctoral researchers, and young faculty who are interested in advancing their knowledge to become leaders in the field.

Individuals who have a fundamental understanding of biology, chemistry, and physics will get the most from this intensive course. Join us on the beaches of Holland, MI from July 24th – 27th 2019 at Hope College!

Register [here](#).

[CMSE 890: Gaps, Missteps, & Errors in Statistical Data Analysis](#)

Arjun Krishnan will be teaching a short course on essential concepts for rigorous practice & critical interpretation of statistical data analyses will be offered this fall from November 6th to December 4th, M-W, 3pm-5pm.

Noteworthy News



Alex Dickson received the American Chemical Society (ACS) OpenEye Outstanding Junior Faculty Award for Fall 2019. This award is given to up to four outstanding tenure-track junior faculty members to present their work in COMP poster session at the Fall 2019 San Diego ACS National Meeting. The Awards are designed to assist new faculty members in gaining visibility within the COMP community. Read more about the OpenEye Award [here](#).

SPARTANS WILL.

[BMB Picnics](#)

The next BMB monthly noon picnics will be on July 18th at the courtyard behind the Biochemistry building.

[Targeting Metabesity 2019](#)

October 15 - 16, 2019, Washington, DC

Abstract submission for Targeting Metabesity 2019 is now open. The committee encourages submissions that are innovative and challenge current treatment paradigms. There is an early deadline (June 1, 2019, 5 p.m. EDT) and a standard deadline (August 1, 2019, at 5 p.m. EDT). For more information, visit metabesity2019.com

Recent Publications

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

Pei J, Zheng Z, Kim H, Song LF, Walworth S, Merz MR, Merz KM Jr. "Random Forest Refinement of Pairwise Potentials for Protein-Ligand Decoy Detection." *J Chem Inf Model.* (2019) Jul 2. doi: [10.1021/acs.jcim.9b00356](https://doi.org/10.1021/acs.jcim.9b00356)

Tefft NM, TerAvest MA. "Reversing an Extracellular Electron Transfer Pathway for Electrode-Driven Acetoin Reduction." *ACS Synth Biol.* (2019) Jun 21. doi: [10.1021/acssynbio.8b00498](https://doi.org/10.1021/acssynbio.8b00498)

Cobián Güemes AG, Lim YW, Quinn RA, Conrad DJ, Benler S, Maughan H, Edwards R, Brettin T, Cantú VA, Cuevas D, Hamidi R, Dorrestein P, Rohwer F. "Cystic Fibrosis Rapid Response: Translating Multi-omics Data into Clinically Relevant Information." *MBio.* (2019) Apr 16;10:(2). doi: [10.1128/mBio.00431-19](https://doi.org/10.1128/mBio.00431-19)