



## Seminar Calendar

### MONDAY, OCTOBER 7

#### [MPS Seminar](#)

Jamey Young, Vanderbilt University

"Metabolic engineering and systems biology in relation to photosynthesis"

4:10 PM, Room 1200 MPS

### TUESDAY, OCTOBER 8

#### [The Exchange](#)

Careers - Jane Chen and Pelin Ayaz

8:00 AM, Room 208 Biochemistry

### THURSDAY, OCTOBER 10

#### [BMB Colloquium](#)

Blake Meyers, Donald Danforth Plant Science Center

"The function and evolution of phased, secondary siRNAs in plant reproduction and other pathways"

11:00 AM, Room 101 Biochemistry

#### [EEBB Seminar](#)

Karin Burghardt, University of Maryland - College Park

"Causes and consequences of variation in phytochemical landscapes"

3:30 PM, 1420 BPS

#### [Physiology Seminar](#)

Grace Y. Chen, University of Michigan

"Host-microbial interactions in the development of inflammation and colon cancer"

4:00 PM, Room 1425 BPS

### FRIDAY, OCTOBER 11

#### [Science at the Edge](#)

Iain Mathieson, University of Pennsylvania

"Tracking the Evolution of Human Complex Traits with Ancient DNA"

11:30 AM, Room 1400 BPS

## Noteworthy News



MSU [Molecular Biophysics](#) hosted a 2-day symposium on October 4<sup>th</sup> & 5<sup>th</sup>, featuring 12 speakers, a poster session and tours of the new Cryo-electron Microscopy ([Cryo-EM](#)) facility. The symposium kicked-off with talks by Dean Phillip Duxbury, College of Natural Science, and Douglas Gage, Assistant Vice President of Research and Innovation. Among the speakers was [Kelly Kim](#), who will be starting as an Assistant Professor in BMB this March. The Cryo-EM facility is housed in the Engineering Research building south of Service Road. The facility is equipped with a cutting edge Talos Arctica instrument coupled to a Falcon 3 detector. Associate Professor [Kristin Parent](#) is director of the Cryo-EM facility.

**SPARTANS WILL.**

## Announcements

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### [Preclinical R&D, Development Scientist / Manager, Millendo Therapeutics](#)

This position will be part of the Preclinical Research and Development (PR&D) organization and lead operational aspects of the group including CRO management and timeline/activity management. Millendo Therapeutics is located in Ann Arbor, Michigan. The hiring manager is Andy Spencer, a BMB alum from Bill Smith's group.

### [Chair for the Department of Chemistry and Biochemistry University of Texas at El Paso](#)

The University of Texas at El Paso (UTEP) is seeking an innovative leader to serve as Chair of the Department of Chemistry and Biochemistry. Research activities in the Department encompass all major areas of chemistry and biochemistry, and faculty receive extramural funding from federal and state programs, private foundations and industry. The successful candidate is expected to be an active leader and researcher with a strong vision for developing and strengthening educational and research initiatives. Review of applications will begin October 21, 2019, and will continue until the position is filled.

### [Tenure-track Faculty Positions in Genetics, University of Wisconsin-Madison](#)

The Department of Genetics in the College of Agricultural and Life Sciences at the University of Wisconsin - Madison invites applications for two tenure track positions at the rank of Assistant Professor in Genetics. One position is in the area of plant genetics, and the other is open more broadly to model-organism genetics. The Department seeks scientists who study the genetic and molecular basis of fundamental aspects of inheritance or its phenotypic manifestations at the molecular, cellular and/or organismal levels. Applications must be submitted by October 15, 2019 to ensure consideration.

## Recent Publications

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

Melnik AV, Vázquez-Baeza Y, Aksenov AA, Hyde E, McAvoy AC, Wang M, da Silva RR, Protsyuk I, Wu JV, Bouslimani A, Lim YW, Luzzatto-Knaan T, Comstock W, Quinn RA, Wong R, Humphrey G, Ackermann G, Spivey T, Brouha SS, Bandeira N, Lin GY, Rohwer F, Conrad DJ, Alexandrov T, Knight R, Dorrestein PC, Garg N. "Molecular and Microbial Microenvironments in Chronically Diseased Lungs Associated with Cystic Fibrosis." *mSystems*. (2019) Sep 24;4:(5). doi: 10.1128/mSystems.00375-19

Reese KL, Fisher CL, Lane PD, Jaryenneh JD, Moorman MW, Jones AD, Frank M, Lane TW. "Chemical Profiling of Volatile Organic Compounds in the Headspace of Algal Cultures as Early Biomarkers of Algal Pond Crashes." *Sci Rep*. (2019) Sep 25;9(1):13866. doi: 10.1038/s41598-019-50125-z