



## Seminar Calendar

### MONDAY, APRIL 23

#### [Molecular Plant Science Seminar](#)

Anton Lang Award

Dr. Jorge Dubcovsky, University of California, Davis  
*"Using a sequenced mutant population to dissect wheat spike development"*

4:10 PM, Room 101 Biochemistry

### TUESDAY, APRIL 23

#### [The Exchange](#)

Journal Club

8:00 AM, Room 208 Biochemistry

### WEDNESDAY, APRIL 24

#### [\(3M\) Interest Group](#)

Julius Campeciño, Hegg Lab

*"Pentaheme Cytochrome c Nitrite Reductase: Probing Its Six-Electron Chemistry"*

4:00 PM, Room 1455-A BPS (iCER)

### THURSDAY, APRIL 25

#### [BMB Colloquium](#)

Chris Contag, Director of the IQ

*"Institute for Quantitative Health Science and Engineering (IQ) Research Vision"*

11:00 AM, Room 101 Biochemistry

#### [EEBB Seminar](#)

Chris Funk, Distinguished EEBB Speaker, Colorado State University

*"Microgeographic adaptation in island archosaurs: mechanisms and conservation implications"*

3:30 PM, Room 1420 BPS

### FRIDAY, APRIL 26

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

Carlo Piermarocchi, Michigan State University

*"Spin Glass Models of Cancer Cells"*

11:30 AM, Room 1400 BPS

## Noteworthy News



### 2019 BMB Awards

**Marcos Túlio Oliveira**, R. Gaurth Hansen  
Endowed Lectureship Award

**Rance Nault**, Postdoctoral Independent Career  
Potential Award

**Joel Rankin**, Dr. Richard U. and Claire M.  
Byerrum Endowed Fellowship

**Jason Schrad**, Jack Throck Watson Fellowship

**Geoffrey Severin**, Outstanding Graduate Student  
Award

**Anastasiya Lavell**, Outstanding Graduate  
Student Teaching Award

**Bryan Leong**, Outstanding Graduate Research  
Award

**Jaideep Prasad**, Dr. James K. Billman Jr.  
Undergraduate Research Award

**Hailee Perret**, Professor Richard L. Anderson  
Endowed Undergraduate Research Prize

**Expery Omollo & Patrick Pawlaczyk**, BMB  
Undergraduate Research Fellowship

**Onyebuchi Amanze & Sarah Ax**, Pamela J.  
Fraker Scholarship

**Stephanie Brocke & Raghav Jain**, Outstanding  
Undergraduate Award

**Jessica Lawrence**, Exceptional Staff Award

**SPARTANS WILL.**

## Announcements

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Checkout the [Grad/Postdoc News](#) page on the BMB website for the latest events and opportunities.

### [Graduate Student Workshops and Events](#)

A short list of some workshop titles:

Thesis and Dissertation Walk In Help

Certification in College Teaching Institute (2-day program)

### [Genetics Mini-Symposium – May 7, 8:00 AM – 5:30 PM, MPS](#)

The MSU Genetics Program is hosting an annual mini-symposium entitled “Epigenetic Stress Memory”. This symposium addresses stress-response mechanisms in humans, animals and plants. The symposium will be held on Tuesday, May 7th, 8:00am-5:30pm in the Molecular Plant Sciences Building. A poster session will be held from 2:45pm-3:30pm. Program and registration information is available [here](#).

### [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](#).

### [ANS 490/890 Stem Cells in Reproduction, Development, and Regeneration](#)

ANS 490/890 will be offered this fall. Contemporary topics will be covered on stem cell research and applications, focusing on pluripotent stem cells and several types of adult stem cells during mammalian reproduction, development, and tissue regeneration.

### [Evolution and Core Processes in Gene Expression](#)

We are delighted to invite you to the ASBMB Special Symposium on Evolution and Core Processes in Gene expression, to be held here at MSU May 9 - 12, 2019. We have a great group of distinguished speakers, including Mike Eisen from UC Berkeley (developmental gene expression in the embryo), Greg Wray from Duke (evo/devo), Audrey Gasch from UW Madison (gene networks), Chris Rushlow from NYU (pioneer transcription factors), and Phil Benfey from Duke (root gene networks). Early registration rates before March 14th, ASBMB members receive a discount!

### [Faculty Positions in Biotechnology Center in Southern Taiwan](#)

Applications are invited for multiple tenure-track research fellow positions or specialists in Biotechnology Center in Southern Taiwan of Agricultural Biotechnology Research Center, Academia Sinica, Taiwan (AS-BCST). The successful candidates are expected to develop a rigorous research program in the thematic research fields of agricultural biotechnology, including but not limited to plant stress, plant nutrients, agromicrobiology, crop systems biology, translational agricultural research, and metabolic engineering.

## Recent Publications

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

Cerrón F, de Lorenzo S, Lemishko KM, Ciesielski GL, Kaguni LS, Cao FJ, Ibarra B. “Replicative DNA polymerases promote active displacement of SSB proteins during lagging strand synthesis.” *Nucleic Acids Res.* (2019) Apr 10. doi: [10.1093/nar/gkz249](https://doi.org/10.1093/nar/gkz249)

Picchioni D, Antolin-Fontes A, Camacho N, Schmitz C, Pons-Pons A, Rodríguez-Escribà M, Machallekidou A, Güler MN, Siatra P, Carretero-Junquera M, Serrano A, Hovde SL, Knobel PA, Novoa EM, Solà-Vilarrubias M, Kaguni LS, Stracker TH, Ribas de Pouplana L. “Mitochondrial Protein Synthesis and mtDNA Levels Coordinated through an Aminoacyl-tRNA Synthetase Subunit.” *Cell Rep.* (2019) Apr 2;27(1):40-47.e5. doi: [10.1016/j.celrep.2019.03.022](https://doi.org/10.1016/j.celrep.2019.03.022)