



Seminar Calendar

MONDAY, NOVEMBER 4

[MPS Seminar](#)

Maria Harrison, Cornell University

"Mechanisms underlying development of the AM symbiosis and phosphate transfer between the symbionts"

4:10 PM, Room 1200 MPS

TUESDAY, NOVEMBER 5

[The Exchange](#)

Journal Club – Jack Gilbert, UC San Diego

8:00 AM, Room 208 Biochemistry

[MMG Seminar](#)

Diana Downs, University of Georgia

The Rid system: Endogenously generated metabolic stress and its control

4:10 PM, Room 1415 BPS

WEDNESDAY, NOVEMBER 6

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

Josh Lensmire, Hammer Lab

"Sulfur assimilation in *Staphylococcus aureus*"

4:00 PM, Room 1425 BPS

THURSDAY, NOVEMBER 7

[BMB Colloquium](#)

Jack Gilbert, UCSD

"The Microbiome in global health"

11:00 AM, Room 101 Biochemistry

[EEBB Seminar](#)

Shane Campbell-Stanton, University of California - Los Angeles

"Unnatural Histories - Physiological and genomic signatures of human-mediated selection and rapid adaptation in wild populations"

3:30 PM, 1420 BPS

[Physiology Seminar](#)

Chyung-Ru Wang, Northwestern University

"Role of CD1-Restricted T Cells in Infectious and Inflammatory Diseases"

4:00 PM, Room 1425 BPS

FRIDAY, NOVEMBER 8

[Science at the Edge](#)

Carlo Piermarocchi, Physics and Astronomy, MSU

"Spin Glass Models of Cancer Cells"

11:30 AM, Room 1400 BPS

Announcements

[13th Annual Plant Biology Chili Cookoff](#)

All are welcome on Friday, November 15th at 6 PM in the BPS Atrium to participate as a contestant or judge. To enter as a contestant, email [Danielle Young](#) by November 13th.

[Targeting Host Immune Cells in Lethal Prostate Cancer](#)

The Alliance for Graduate Education & the Professoriate will host this special seminar by Dr. Jelani Zarif of Johns Hopkins University. The seminar takes place from 4 PM to 5 PM on Friday, November 22 at Chittenden Hall, Room 110.

[Laboratory Scientist, State of Michigan](#)

The incumbent carries out a full range of professional laboratory scientist assignments involving the analysis of human specimens, environmental and biological samples for a wide range of environmental and industrial contaminants involving gas chromatography mass spectrometry, liquid chromatography mass spectrometry, and other laboratory methodologies. The Laboratory Scientist in this position may lead in the design and implementation of methods development and validation and is responsible for writing validation plans, validation summary reports, and reviewing written laboratory procedures, practices and policies. Deadline: 11/10/2019.

[Assistant Professor, Cellular, Molecular, or Developmental Biology, ECU](#)

The Department of Biology at East Carolina University seeks to fill a tenure-track faculty position (9-month appointment) at the Assistant Professor level with expertise in Cellular, Molecular, or Developmental Biology to begin August 16, 2020. The successful candidate will be expected to establish a vigorous, externally funded research program that actively engages undergraduate and graduate students. . Review of applications begins on November 18, 2019.

Recent Publications

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

Sanders JG, Nurk S, Salido RA, Minich J, Xu ZZ, Zhu Q, Martino C, Fedarko M, Arthur TD, Chen F, Boland BS, Humphrey GC, Brennan C, Sanders K, Gaffney J, Jepsen K, Khosroheidari M, Green C, Liyanage M, Dang JW, Phelan VV, **Quinn RA**, Bankevich A, Chang JT, Rana TM, Conrad DJ, Sandborn WJ, Smarr L, Dorrestein PC, Pevzner PA, Knight R. "Optimizing sequencing protocols for leaderboard metagenomics by combining long and short reads." *Genome Biol.* (2019) Oct 31;20(1):226. doi: [10.1186/s13059-019-1834-9](https://doi.org/10.1186/s13059-019-1834-9)

Broadwater D, Bates M, Jayaram M, Young M, He J, Raithel AL, Hamann TW, Zhang W, Borhan B, Lunt RR, **Lunt SY**. "Modulating cellular cytotoxicity and phototoxicity of fluorescent organic salts through counterion pairing." *Sci Rep.* (2019) Oct 25;9(1):15288. doi: [10.1038/s41598-019-51593-z](https://doi.org/10.1038/s41598-019-51593-z)