Seminar Calendar

**MONDAY, SEPTEMBER 26**

**PRL Seminar:** Bjoern Hamberger, MSU, “Plant Terpenoid Pathways: More Than a Toolbox for Building Drugs, Flavors, and Biomaterials”.
*4:10 PM, Room 101 Biochemistry*

**TUESDAY, SEPTEMBER 27**

**PRL Seminar:** Taylor Weiss, MSU, “Designing Stable, Synthetic, Light-Driven Cyanobacteria-Heterotroph Consortia for Bioproduction”.
*12:00 PM, Room 168 Plant Biology*

**MMG Seminar:** Yong-Hui Zheng, MSU, “CEM.NKR: A Secret Pathway Towards Broad Inhibition of Enveloped Viruses”
*4:10 PM, Room 1415 Biomedical Physical Science*

**WEDNESDAY, SEPTEMBER 28**

**Pharm/Tox Seminar:** N. Gautam, Washington University, “Deconstructing Cell Behavior with Subcellular Optogenetics”.
*12:00 PM, Room B448 Life Science*

**THURSDAY, SEPTEMBER 29**

**BMB Colloquium:** Deborah Hinton, National Institute of Health, “How Do Regulators Change the Specificity of RNA Polymerase? Lessons from Bacteria and Phage.”
*11:00 AM, Room 101 Biochemistry*

**EEBB Seminar:** Patrick Hanly, MSU, “The Maintenance and Generation of Diversity in Freshwater Communities: Insights from Plantkton in Michigan Ponds to the Global Distribution of Endemic Fish”.
*3:30 PM, Room 118 Eppley*

**FRIDAY, SEPTEMBER 30**

**Pharm/Tox Seminar:** Guowei Wei, MSU, “Mathematical Approaches for Solvation and Binding Free Energy Predictions”.
*9:00 AM, Room B448 Life Science*

Announcements

REGISTRATION IS OPEN for the Fifth Annual Plant Biotechnology for Health and Sustainability Symposium!
October 21 & 22 – MPS Building, Rm 1200.
For more details and to register, click [here](#).

**Noteworthy News**

**NEW PUBLICATION!**
The Parent Lab has a new publication in the Genome Biology and Evolution Oxford Journal.  
“Evolved Populations of Shigella flexneri Phage Sf6 Acquire Large Deletions, Altered Genomic Architecture, and Faster Life Cycles”
*For the full publication, click [here](#).*

**CONGRATULATIONS JIM STEWART!**

Jim Stewart, formerly from BMB finished his first ironman triathlon a week ago in Wisconsin. An ironman consists of a 2.4-mile swim, a 112-mile bicycle ride and a marathon 26.22-mile run, raced in that order and without a break. The swim was in Lake Monona, in Madison. It took him 16 h 50 min, and 50 sec to finish. He started at 7:00 AM and finished just before midnight.
*Way to go, Jim!*
Job Postings & Other Opportunities

2016 CALL FOR APPLICATIONS FOR THE S3 Collaborative Grant Award

The Science and Society @ State (S3) seeks to stimulate new or emerging interdisciplinary collaborations between MSU’s science studies scholars and its STEM and science studies research at MSU. Funding for each project will be in the range of $10,000. Eligible expenses include course releases, support for graduate or undergraduate assistants, or other expenses that clearly promote outcomes from a new or emerging interdisciplinary collaboration.

To be eligible to apply interdisciplinary teams must: Consist of one or more MSU STEM and/or health sciences professionals, Consist of one or more MSU science studies scholars who examine scientists and/or science from a social science and/or humanistic perspective, Collaborative teams must have been formed recently and/or be working on a new topic of investigation, The immediate goal of the collaboration should be applying for external funding.

Deadline for applications is Monday, October 3.

To apply, click here. For more questions contact Georgina Montgomery at montg165@msu.edu.

POSTDOC AT THE DONALD DANFORTH PLANT SCIENCE CENTER

The Zhang laboratory at the Donald Danforth Plant Science Center (St. Louis, Missouri) employs cutting-edge technologies in green algae and higher plants to study how photosynthetic organisms respond to environment. We are seeking a highly motivated and creative postdoc to investigate algal temperature response by using high-throughput and quantitative approaches. The position can start as early as October 1, 2016. Qualified applicants should have a PhD in molecular biology, genetics, genomics, biochemistry, or related field. The successful candidate would have strong background in biochemistry and molecular biology, excellent organization and communication skills, and outstanding collaborative abilities. Experience in algal research and/or bioinformatics is a plus.

The collaborative research environment at the Danforth Center offers an excellent opportunity for career development. The Danforth Center offers a complete benefits package and competitive salary. The St. Louis region provides wonderful environment to work and live.

To apply for this position, please send a cover letter (stating research experience and career goals), CV, and the names and contact information for three references to: careers@danforthcenter.org with “Postdoctoral Researcher - Zhang Lab” in the subject line.

ANALYTICAL CHEMISTRY TECHNICIAN AT THE MAX-PNACK-INSTITUTE FOR CHEMICAL ECOLOGY

The overarching research objective in the Department of Molecular Ecology is to identify traits that are important for the Darwinian fitness of an organism in its complex natural environment. To demonstrate the function of these traits we manipulate the organisms’ interactions in nature and characterize the ecological consequences using a broad set of chemical, molecular and ecological experimental tools. Our team of scientists focuses on plant-mediated interactions and we have developed a suite of molecular and chemical tools in a native plant that has a rich web of ecological interactions: the wild tobacco plant Nicotiana attenuata.

The candidate will work in close collaboration with the head of the analytical platform and our international team of researchers. The main tasks will be the maintenance and operation of analytical instruments, organization of instrument schedules (including basic QC procedures), and minor instrument repairs. The candidate is also expected to assist researchers with sample preparation and initial data analysis processes (i.e. peak integration) as well as support of multivariate data analysis. We are looking for a highly organized, communicative individual who enjoys problem solving, keeping records, and interacting with an international team of highly motivated scientists. With a strong background in analytical chemistry (chromatography and mass spectrometry) you would be interested in applying your expertise in a state-of-the-art research facility. Excellent English language skills (written and oral) are required for the position.

We are looking for a Technician (f/m; BTA /CTA or equivalent qualification) to join our group at half to full-time employment with a fixed-term contract of two years. We are looking to fill the position by December 2016 but it will remain open until filled. Payment follows the German collective wage agreement for government service workers (TVöD-Bund) and depends on qualifications and professional experience. Various fringe benefits in accordance with public service positions are included. The position will offer ample opportunities for developing personal skills and independence.

Please send your application (electronically as a single pdf file), including a letter of motivation explaining how your qualifications and experience make you a good candidate for this job, as well as two letters of recommendation together with your full CV to: application@ice.mpg.de.