



Please send submissions to: Katie Gallagher at galla134@msu.edu or 302B Biochemistry (mailbox on 2nd floor)

Vol.39, No. 46, November 13-17, 2006

Calendar

Monday, November 13

Genetics Forum Seminar: Gastrointestinal microbiology: The genome within. Vince Young, Michigan State University, 12:30 p.m., 1425 Biomedical and Physical Sciences.

Plant Research Laboratory and Plant Biology Seminar: Guard cell signaling and ion channel regulation: New CO₂ and abscisic acid signal transduction mechanism. Julian Schroeder, University of California, San Diego, 4:10 p.m., 101 Biochemistry.

Tuesday, November 14

Chemistry Seminar: Transactinide chemistry and chemical investigation of hassium (element 108). Greg Pang, Michigan State University, 4:10 p.m., 136 Chemistry.

Microbiology and Molecular Genetics Seminar: A developmental checkpoint regulated by replication status and DNA damage in *Bacillus subtilis*. William Burkholder, Stanford University, 4:10 p.m., 1415 Biomedical and Physical Sciences.

Wednesday, November 15

Biochemistry and Molecular Biology Seminar: Protein nucleocytoplasmic transport and Huntington's Disease: The use of live cell imaging and fluorescent proteins to define new drug targets in Huntingtin protein. Ray Truant, McMaster University, 4:10 p.m., 101 Biochemistry.

Pharmacology and Toxicology Seminar: Examining hepatotoxicity caused by LPS and trovafloxacin: A murine model of idiosyncratic liver injury. Patrick Shaw, Michigan State University, 12:00 noon, B448-449 Life Sciences.

Ecology, Evolutionary Biology & Behavior Program Seminar: Nitrogen uptake in aquatic sediments: Do we really understand it? Stephen Hamilton, Michigan State University, 3:30 p.m., 247 Plant Biology.

Thursday, November 16

Seminar: University-Industry relationships in agricultural biotechnology. David Ervin, Portland State University, 12:00 noon, 271 Plant and Soil Science Building

Chemistry Seminar: Catalytic multicomponent reactions and epoxide-opening cascades. Timothy Jamison, Massachusetts Institute of Technology, 4:10 p.m., 136 Chemistry.

Physics and Astronomy Seminar: High temperature superconductors: Playgrounds for broken symmetries. Laura Greene, University of Illinois, 4:10 p.m., 1415 Biomedical and Physical Sciences.

Friday, November 17

Science at the Edge: Quantitative Biology and Modeling Seminar: Constructing intelligent agents through neuroevolution. Risto Miikkulainen, University of Texas, Austin, 11:30 a.m., 1400 Biomedical and Physical Sciences.

Transcription Journal Club: Presentation by Yalin Xiong, 12:00 noon, 502 Biochemistry.

Chemistry Seminar: Applications of nuclear magnetic imaging (MRI) in drug discovery. Chao Li, Michigan State University, 12:40 p.m., 136 Chemistry.

Announcements



Michigan State University celebrates International Education Week 2006 Saturday, November 11 through Sunday, November 19. Sponsored by the U.S. Departments of State and Education, International Education Week was established "to promote programs that prepare Americans for a global environment and attract future leaders from abroad to study, learn, and exchange experiences in the United States."

International education and engagement are cornerstones of MSU's Boldness by Design mission. To provide opportunities for all members of the MSU community to participate in this vision, the Office of International Studies and Programs has planned a broad range of activities in the seventh annual observance of the Week. There is something for everyone at <http://iew.msu.edu/>!

Grants.gov Training: Hands on training opportunities targeted for faculty and staff, **Thursday, November 16, 2006, 8:30-10:30 a.m., 121 Chemistry**. The course will cover how to search for Funding Opportunities Announcements (FOA), download the free PureEdge software, download the application, and complete and submit the application form to CGA for approval. Tips and typical errors will be covered. **Registration is required.** E-mail Betty Crowell at crowell@cga.msu.edu to sign up.

Nomination for ISP Awards: International Studies and Programs are accepting nominations for their 2007 international awards. As you know, the MSU community contains many outstanding internationalists, as does our alumni group and the greater Lansing area. Please assist ISP in identifying appropriate nominees for the 2007 awards. Information about the different awards and printable nomination forms are available on the Web at <http://www.isp.msu.edu/iac>, as well as for the Special Recognition Award. Nominations should be made by January 24, 2007. Awardees will be honored at the seventeenth annual International Awards Ceremony, an official ISP 50th Anniversary event, on Wednesday, March 21, 2007 from 3:00-5:00 p.m. on the third floor of the Delia Koo International Academic Center.

Request for Proposals: The Dana Foundation Program in Brain and Immuno-Imaging: Using brain and immune imaging innovations to improve human health. This program seeks to advance the application of imaging research to improve understanding of the brain, the immune system, and their interactions in health and disease. If you are interested in this opportunity for research funding and would like more information, please [click here](#). **Application deadline: Tuesday, November 21, 2006.**

The Graduate School – Ph.D. Job Search Series Workshop: “Leadership and the Ph.D.” Wednesday, November 15, 5:00-7:00 p.m., Big Ten C, Kellogg Hotel and Conference Center. What is leadership and why is this competency important to your professional development? For centuries people have attempted to define this elusive term, however, most organizations who employ Ph.D.’s know exactly what it is and looks like in practice. Leadership has been defined in terms of characteristics, traits, strengths, influence, role relationships, behaviors, and occupying an administrative position. Regardless of its definition, leadership competencies are highly sought after by most academic and nonacademic employers. In this workshop, panelists from academic and nonacademic employment sectors will discuss leadership and why this competency is essential to career and professional success and its relevance to the Ph.D. **Registration is required.** To register, please send an e-mail to gradwrsp@msu.edu and include your name, department, e-mail address, and the name of the workshop.

Position Vacancies (copies of notices are in maroon binder in Room 302A)

Visiting Professor and Adjunct Instructor positions are available in the Department of Chemistry at **Grand Valley State University**. They are seeking applicants for a visiting professor, full-time starting winter semester 2007 and continuing through the 2007-2008 academic year. The adjunct instructor positions are part-time for winter semester 2007. Candidates should have a MS in Chemistry or Biochemistry. A Ph.D. and/or teaching experience is preferred. Duties include teaching general and/or organic chemistry lectures and labs. The Chemistry Department at GVSU offers a B.S. in Chemistry and has one of the largest undergraduate chemistry departments in the country with 27 tenured and tenure track faculty and several additional visiting, affiliate, and adjunct faculty. They are well equipped with modern facilities for teaching and research. For more information about the department or the positions, please visit <http://www.gvsu.edu/chem/> or call (616) 331-3560.

Spotlight



Kate Higginbotham, Graduate Assistant, has been in the department for a little over a year. She is currently researching in Todd Ciche's lab in BPS. The Ciche Lab works on the symbiotic relationship between the entomopathogenic nematode, *Heterohabditis bacteriophora*, and the gram-negative bacteria, *Photorhabdus luminescens*. Kate's specific project involves characterizing two transcriptional regulators believed to be important for bacterial colonization of the nematode *Heterohabditis bacteriophora*.

Kate is originally from Griffith, Indiana. That's right, she's a region rat! Northwest Indiana is usually referred to as the region. Outside of school, Kate enjoys having coffee or drinks with fellow graduate student Dorothy Tappenden. She's recently been reading a lot. Kate is currently reading, "The Historian."

Quote for the Week

Failure will never overtake me if my determination to succeed is strong enough. –Og Mandino
