



Please send submissions to: Katie Gallagher at [galla134@msu.edu](mailto:galla134@msu.edu) or 302B Biochemistry (mailbox on 2<sup>nd</sup> floor)

Vol.39, No. 45, November 6-10, 2006

## Calendar

### Monday, November 6

**Chemistry Seminar:** Gatekeeping effect: Multifunctional mesoporous silica nanoparticles for biotechnological and catalysis applications. Victor Lin, Iowa State University, 11:30 a.m., 136 Chemistry.

**Entomology Seminar:** Partners of the Americas: Legacy, service, and pineapple mealybugs. Mark Whalon, Michigan State University, 4:00 p.m., 244 Natural Science.

**Plant Biology and Plant Research Laboratory Seminar:** Genetic analysis of adaptation and reproductive isolation in *mimulus*. John Willis, Duke University, 4:10 p.m., 101 Biochemistry.

### Tuesday, November 7

**Statistics and Probability Seminar:** Estimating heavy-tail exponents through max self-similarity (based on joint work with G. Michailidis and M. S. Taqqu). Stilian A. Stoev, University of Michigan, 4:05 p.m., A405 Wells Hall.

**Chemistry Seminar:** Laser spectroscopy in nuclear science: The charge radius of Li-11. Jill Pinter, Michigan State University, 4:10 p.m., 136 Chemistry.

**Microbiology and Molecular Genetics Seminar:** HIV-1 Vif: The key against a potent host antiviral defense mechanism. Klaus Strebel, National Institutes of Health, 4:10 p.m., 1415 Biomedical Physical Sciences.

### Wednesday, November 8

**Biochemistry and Molecular Biology Seminar:** Chemical biology and protein tyrosine dephosphorylation. Zhong-Yin Zhang, Indiana University, 4:10 p.m., 101 Biochemistry.

**Pharmacology and Toxicology Seminar:** Phthalates: A case of misaligned science and policy. Cynthia Davin, Oxo Americas, ExxonMobil Chemical Co., 12:00 noon, B448-49 Life Sciences.

**Chemistry Seminar:** TBA. Partha Nandi, Michigan State University, 3:00 p.m., 136 Chemistry.

**Ecology, Evolutionary Biology and Behavior and Center for Systems Integration and Sustainability Seminar:** Modeling species richness on geographical scales. Robert K. Colwell, University of Connecticut, 3:30 p.m., 247 Plant Biology.

### Thursday, November 9

**Clarisa Bejar Doctoral Dissertation:** Structure function relationship studies of *Escherichia Coli* ADP-Glucose Pyrophosphorylase. 1:00 p.m., 208 Biochemistry.

**Chemistry Seminar:** Nitrogen rich polycycles of the Palau'amine type. Patrick Harran, University of Texas Southwestern Medical Center, 4:10 p.m., 136 Chemistry.

### Friday, November 10

**Last day to enroll for Spring with no fee:** Currently enrolled students who have not enrolled for Spring by **8:00 p.m.** are subject to a \$50 late enrollment fee.

**Science at the Edge:** Engineering Seminar: Organization of materials at nanoscale: Hard but necessary. Nicholas Kotov, University of Texas, Austin, 11:30 a.m., 1400 Biomedical and Physical Sciences.

## Calendar continued

Friday, November 10

**Transcription Journal Club:** Presentation by **Walid Fakhouri**, 12:00 noon, 502 Biochemistry.

**Chemistry Seminar:** Detection of explosives by electronic noses. Nileena Job, Michigan State University, 12:40 p.m., 136 Chemistry.

## Announcements

**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](mailto:gradwrsp@msu.edu) and include your name, department, e-mail address, and the name of the workshop.

## Publications

Irwin R, Lapres JJ, Kinser S, McCabe LR. Prolyl-hydroxylase inhibition and HIF activation in osteoblasts promotes an adipocytic phenotype. *J Cell Biochem.* 2006 Oct 9; [Epub ahead of print].

Priya Mani-Telang and David N. Arnosti. Developmental expression and phylogenetic conservation of alternatively spliced forms of the C-terminal Binding Protein corepressor. *Development, Genes and Evolution*, in press.

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

An **Assistant Professor position** is available in the Department of Nutritional Sciences at the **University of Wisconsin-Madison**. The successful candidate will develop a nationally competitive, independent research program relevant to nutrition or metabolism. Research areas may include, among others: metabolic syndrome, genetic modifiers of disease, micronutrients and health, gastrointestinal function, metabolic disorders, or toxicology and endocrine disruptors. Preference will be given to integrative research involving human or clinical studies, animal models of human disease, or biomolecular mechanisms of nutrient-related disease. Research may incorporate biochemical, physiological, metabolomic, or genomic approaches. The applicant will contribute to advanced undergraduate and graduate teaching, and to Departmental and University service. Application deadline is Thursday, November 30, 2006. For more information, please visit <http://www.nutrisci.wisc.edu> or contact Susan Smith at [suesmith@nutrisci.wisc.edu](mailto:suesmith@nutrisci.wisc.edu).

## Spotlight



**Christi Hemming**, Lab Associate, is currently working in Dr. Dave DeWitt’s lab. She has been with the department for five years, three years as an undergraduate and two years as a lab associate. She is currently researching *Desulfitobacterium* grown under different electron-accepting conditions, using selenium and uranium as electron acceptors. By using mass spectrometry, she identifies proteins involved in dissimilatory metal reduction.

Christi is originally from Lake Odessa, Michigan. Outside of work, Christi enjoys knitting. She also sings in a choir and rings handbells in a handbell choir at University United Methodist Church.

## Quote for the Week

The only courage that matters is the kind that gets you from one moment to the next. – *Mignon McLaughlin*

---