



The BMB Weekly Vol. 40, No. 37, September 10-14, 2007

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

Calendar

Monday, September 10

Plant Biology Seminar: Roles of microtubule-based motor kinesins in plant cell growth. Bo Liu, University of California-Davis, 4:10 p.m., 101 Biochemistry.

Tuesday, September 11

Statistics and Probability Seminar: Model diagnostic tests for selecting informative correlation structure in correlated data. Annie Qu, Oregon State University, 10:20 a.m., A405 Wells Hall.

CMB Program Research Forum: Are transcriptional coactivators required for herpes simplex virus type-1 immediate early gene expression? Sebla Kutluay, Michigan State University, 1:00 p.m., 2245 Biomedical and Physical Sciences.

Chemistry Seminar: Antioxidant mechanisms: Preventing DNA damage through metal binding. Julia Brumaghim, Clemson University, 4:10 p.m., 136 Chemistry.

The Graduate School Workshop: Investing in Responsibility and Integrity for a Productive Career Workshop. 6:00-8:00 p.m., Big Ten C, Kellogg Hotel and Conference Center.

Wednesday, September 12

Genetics Dissertation Seminar: Cell wall biosynthesis in *zea mays*. Harrie VanErp, Michigan State University, 9:00 a.m., 168 Plant Biology.

Microbiology and Molecular Genetics Professional Master's Seminar: Indirect effects of soluble nitrogen and feeding of *Ochlerotatus triseriatus* larvae on the community composition of the leaf-associated "CRB" group bacteria and fungi in tree hole system. Meghana Joshi, Michigan State University, 11:00 a.m., 2245 Biomedical and Physical Sciences.

Center for Ethics Brown Bag Series Seminar: Should there be ethical limits to a physician's duty to assume professional risks? M. Carmen Meerschaert, 12:00 noon, C-102 East Fee.

Ecology, Evolutionary Biology and Behavior Program Seminar: Phylogenetic tests of plant defense theory. Anurag Agrawal, Cornell University, 3:30 p.m., 247 Plant Biology.

Chemistry Seminar - Dow/Karabatsos Distinguished Lectureship: Selective catalytic oxidations of methane: Keys to the effective use of natural gas. John Bercaw, California Institute of Technology, 4:10 p.m., 138 Chemistry.

Thursday, September 13

Biochemistry and Molecular Biology Seminar: Remodeling cellular membranes during *Bacillus subtilis* sporulation. Kit Pogliano, University of California, San Diego, 11:30 a.m., 101 Biochemistry.

Neuroscience Seminar: Neurovascular responses in stroke and recovery. Eng Lo, Massachusetts General Hospital, 12:30 p.m., 1425 Biomedical and Physical Sciences.

Chemistry Seminar - Dow/Karabatsos Distinguished Lectureship: Ethylene oligomerization catalysts with organochromium catalysts. John Bercaw, California Institute of Technology, 4:10 p.m., 136 Chemistry.

Calendar continued

Thursday, September 13

Physics Seminar: Studying galaxy formation with Hubble, Spitzer, and James Webb space telescopes. Jonathan Gardner, NASA, 4:10 p.m., 1415 Biomedical and Physical Sciences.

Friday, September 14

Science at the Edge: Quantitative Biology and Modeling Seminar: Statistical methods for network-based analysis of genomic data. Hongzhe Li, University of Pennsylvania, 11:30 a.m., 1400 Biomedical and Physical Sciences.

Transcription Journal Club: Presentation by **Shin-Han Shiu**, 12:30 p.m., 502 Biochemistry.

Animal Science Research Forum: This year's annual Animal Science Graduate Research Forum will be held in Anthony Hall. Undergraduate and graduate students, post-docs and visiting scholars, and lab personnel will present recent research from our department. Lunch will be served and snacks and refreshments will be available throughout the day. An ice cream social will end the event! For further information (e.g., detailed schedule, topics and presenters), please visit <http://www.asgsa.ans.msu.edu/symposium.html>.

Chemistry Seminar: Detection of explosives based on amplifying fluorescent polymers. Xiaojie Dong, Michigan State University, 12:40 p.m., 136 Chemistry.

Chemistry Seminar – Dow/Karabatsos Distinguished Lectureship: Olefin polymerization catalysis: Kinetics and kinetic resolutions. John E. Bercaw, California Institute of Technology, 4:10 p.m., 136 Chemistry.

The Graduate School – Conflict Resolution Workshop: Setting expectations and resolving conflicts between graduate students and faculty. Dr. Tony Nunez, Dr. Julie Brockman, and Dr. Janet Lillie, 9:00 a.m.-2:30 p.m., Room 106, Kellogg Hotel and Conference Center.

Announcements

The Graduate School – Thesis/Dissertation Submission Price Change: ProQuest Information and Learning has raised their prices for theses and dissertations. Because of this the Graduate School will be raising the prices on thesis/dissertation submission to the following prices beginning September 1, 2007:

Dissertation: \$90.00

Thesis: \$80.00

Copyrighting: \$65.00

2007-2008 Request for Proposals: MSU Families and Communities Together (FACT) Coalition – Innovations in University-Community Research Collaborations: Next spring up to \$430,000 in grants will be awarded to MSU faculty as part of the annual Innovations in University-Community Research Collaborations competitive grant program. The Innovations program is designed to increase MSU's competitive stance for federal research funding that addresses issues related to the health and well-being of children, youth, families, and communities. The program supports multidisciplinary and collaborative research that links MSU with Michigan communities. Eight 12-24 month grants of up to \$50,000 will be awarded. Proposals must focus on one of the following topic areas: Families and Aging; Family and Community Diversity and Disparities; Family and Community Health; Families and the Economy; or Families, Technology and Human Development. University Outreach and Engagement – MSU Extension Grants are awarded for one year. For 2007-2008, one \$30,000 award will be made for research on positive youth development. The project must focus on positive outcomes for children, youth, and families and be located with the Detroit Youthville program. **Proposal deadline is January 31, 2008.** For more information, please visit <http://fact.msu.edu/funding.html>.

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

A **postdoctoral position** is available at the **University of Verona – Italy** for the characterization of nitric oxide signaling functions during the disease resistance response. A solid background in plant-pathogen interactions is required. The project will focus on the functional characterization of genes and gene products whose activity is modulated by nitric oxide and related species. The candidate is expected to supervise the work of at least one Ph.D. student. The position is available immediately, but can be delayed a few months if the selected candidate will defend his/her thesis in a reasonable amount of time. For more information, please visit <http://profs.sci.univr.it/~delledon/>.

Position Vacancies continued

Two **tenure-track assistant professor positions** in Analytical and/or Inorganic Chemistry are available at **Villanova University**. The successful candidate will demonstrate their ability to teach quantitative and/or instrumental analysis, or inorganic chemistry to undergraduate and graduate students, additional courses within their area of expertise, and possibly contribute to the general curriculum. The new faculty member can expect to teach five courses per year and is expected to establish a strong, externally funded research program. New faculty are provided with an office, personal computer, and laboratory space. Departmental instrumentation is used by all faculty for both instruction and research. **Application deadline is October 5, 2007**. A Ph.D. in chemistry or a related discipline is required, and postdoctoral experience is desired. For more information, please visit <http://www.villanova.edu/artsci/chemistry/facstaff/searches.htm>.

Fellowship Opportunities

Postdoctoral fellowships will be available for appointments in September 2008 at The Center for Studies in Physics and Biology at **The Rockefeller University**. They are seeking theoretical physicists, mathematicians and computer scientists with a demonstrable interest in the interface between their discipline and biology. The fellows are to be at the stage of career as to function as independent members of the Center, free to work alone or in collaboration with any members of The Rockefeller University faculty. The appointment is nominally for two years, with a third year implicit, but based on mutual satisfaction. **Application deadline is December 31, 2007**. For more information, please visit <http://uqbar.rockefeller.edu/>.

Quote for the Week

Self-reliance is the only road to true freedom, and being one's own person is its ultimate reward. – *Patricia Sampson*
