



## The BMB Weekly Vol. 40, No. 43, October 22-26, 2007

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

### Calendar

#### Monday, October 22

**Chemistry Seminar:** Synthesis and characterization of novel chalcophosphate materials. Matthew Gave, Michigan State University, 11:20 a.m., 136 Chemistry.

**Plant Research Laboratory and Plant Biology Seminar:** Cytokinin signaling: A bacterial paradigm in a eukaryotic world. Joseph Kieber, University of North Carolina-Chapel Hill, 4:10 p.m., 101 Biochemistry.

**Physics and Astronomy Seminar:** Force microscopy of dynamic states at the molecular scale. Peter Hoffman, Wayne State University, 4:10 p.m., 1400 Biomedical and Physical Sciences.

#### Tuesday, October 23

**Statistics and Probability Seminar:** Spectral analysis of faint astronomical objects: Bayesian modeling, computation, and inference. David van Dyk, University of California, Irvine, 10:20 a.m., A405 Wells Hall.

**Physics and Astronomy Seminar:** Christian Schwanenberger, FNAL, 2:00 p.m., 1400 Biomedical and Physical Sciences.

**Microbiology and Molecular Genetics Seminar:** Jaroslaw Marszalek, University of Gdansk, 4:10 p.m., 1415 Biomedical and Physical Sciences.

#### Wednesday, October 24

**RTSF Seminar:** 2007 Bioseparations Seminar Series by Waters. 8:00 a.m. - 12:00 noon, 1425 Biomedical and Physical Sciences.

**Cell and Molecular Biology Preliminary Exam Seminar:** Histone deacetylase inhibitors: Elucidating the role of depudecin, a secondary metabolite of *alternaria brassicicola*, in plant-pathogen interactions. Wanessa Wight, 2:00 p.m., 1425 Biomedical and Physical Sciences.

**The Graduate School Hans Kende Memorial Lecture Series on Integrity and Mentoring in Research Seminar:** An introduction to integrity in research. Paul Friedman, University of California, San Diego, 3:30 p.m., Big Ten B, Kellogg Hotel and Conference Center.

#### Thursday, October 25

**Biochemistry and Molecular Biology Seminar: William W. Wells Endowed Lectureship:** Molecular explanations for the toxicity of oxygen. Dr. Jim Imlay, University of Illinois, 11:30 a.m., 101 Biochemistry.

**Neuroscience Seminar:** NAD<sup>+</sup>/NADH: An old couple with many new, powerful functions. Weihai Ying, University of California-San Francisco, 12:30 p.m., 1425 Biomedical and Physical Sciences.

**Chemistry Seminar:** Combining surface plasmons, diffraction gratings and nanoparticles for ultrasensitive biosensing. Robert Corn, University of California-Irvine, 4:10 p.m., 136 Chemistry.

**Physics and Astronomy Seminar:** Studies of complex systems from within. Nora Berrah, Western Michigan University, 4:10 p.m., 1415 Biomedical and Physical Sciences.

## Calendar continued

### Thursday, October 25

**Epidemiology Seminar:** Preterm birth, inflammation and dyslipidemia. Janet Catov, University of Pittsburgh, 4:30 p.m., C102 East Fee.

### Friday, October 26

**Science at the Edge:** Quantitative Biology and Modeling Seminar: Is biology quantum mechanical? Kenneth Merz, Jr., University of Florida, 11:30 a.m., 1400 Biomedical and Physical Sciences.

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

**Chemistry Seminar:** Sum-frequency generated imaging of self-assembled monolayers. Doug Gornovich, Michigan State University, 12:40 p.m., 136 Chemistry.

### Saturday, October 27

**The Graduate School Workshop:** Securing academic positions at two- and four-year institutions. 9:00 a.m.-3:30 p.m., MSU Union.

## Announcements

**The Graduate School Workshop:** Achieving excellence: Insight into faculty's standards for producing outstanding dissertations. Presented by Barbara Lovitts, **Monday, October 29, 2007, 12:00-1:30 p.m., Red Cedar Rooms A&B, Kellogg Hotel and Conference Center. Registration is required.** Lunch and parking passes will be provided. To register, please send an email to [gradwrsp@msu.edu](mailto:gradwrsp@msu.edu) and include your name, department, email address, and the name of the workshop.



**The Graduate School Workshop: Responsible Conduct of Research Series:**

Maintaining a Productive and Responsive Environment for Conducting Graduate Research. **Tuesday, October 30, 2007, 6:00-8:00 p.m., Lincoln Room, Kellogg Hotel and Conference Center.** This session will highlight issues related to student and faculty expectations/responsibilities; roles and responsibilities of students and advisors; ways to minimize and resolve conflicts through interest-based negotiation skills; ownership and control of research/scholarship; and mentoring in a healthy relationship.

**The Graduate School: Ph.D. Job Search Series Workshop:** What's out there? Identifying non-academic options in the Ph.D. job market. Presented by Dr. Linda Gross, Assistant Director of Career Services and Placement, **Wednesday, November 7, 2007, 5:00-6:30 p.m., Spartan Rooms B&C, International Center.** This workshop will discuss job search strategies for graduate students seeking employment in business, government, or non-profits. It will provide information about how to begin and organize the job search, what strategies are most effective, how to research organizations, and where to find other helpful resources. **Registration is required.** To register, please send an email to [gradwrsp@msu.edu](mailto:gradwrsp@msu.edu) and include your name, department, email address, and the name of the workshop.

**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 20, 2007.**

## Quote for the Week



Everyone thinks of changing the world, but no one thinks of changing himself. – *Leo Tolstoy*

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