



## The BMB Weekly Vol. 40, No. 18, April 30-May 5, 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

#### ~ Finals Week ~

##### Monday, April 30

**Elena Bray Speth Doctoral Dissertation:** Subcellular localization and function of the *Arabidopsis thaliana* small GTPase RabE, a host interacting protein of the *Pseudomonas syringae* virulence effector AvrPto. 9:00 a.m., 208 Biochemistry.

**Genetics Program Research Forum:** Methods that integrate domain knowledge with gene expression data to identify physiologically relevant discriminating genes. Kris Chan, Michigan State University, 12:30 p.m., 1425 Biomedical and Physical Sciences.

##### Tuesday, May 1

**Biochemistry and Molecular Biology:** Plant mitochondrial proteomics: Beyond big lists to a functional definition across plant tissues and during oxidative stress. Harvey Millar, University of Western Australia, 9:30 a.m., 168 Plant Biology.

**Physics and Astronomy Seminar:** Observations and properties of X(3872) at D0. Isaac Hall, Michigan State University, 2:00 p.m., 1400 Biomedical and Physical Sciences.

##### Wednesday, May 2

##### Thursday, May 3

**Physics and Astronomy Seminar:** Time-reversal violation and quantum criticality in cuprates. Chandra Varma, University of California, Riverside, 4:10 p.m., 1415 Biomedical and Physical Sciences.

##### Friday, May 4

**Transcription Journal Club:** Presentation by **Colleen Doherty**, 12:00 noon, 502 Biochemistry.

**Graduate Student Reception:** 4:00-6:00 p.m., Lincoln Room, Kellogg Hotel and Conference Center.

**Advanced Degree Commencement:** 7:00 p.m., Breslin Center.

##### Saturday, May 5

**Baccalaureate Degree Commencement:** 12:30 p.m., Breslin Center.

### Grants

**Beronda Montgomery-Kaguri** received an NSF Career Award beginning April 1, 2007. The grant is entitled, "Career: Molecular Genetic and Biochemical Analysis of Biliprotein-Regulated Photomorphogenesis in Cyanobacteria." The Award is a five year award from the National Science Foundation.

## Announcements

**The Graduate School Workshop:** “Etiquette Training for Graduate Students.” **Tuesday, May 15, 2007, 6:00-8:00 p.m., Lincoln Room, Kellogg Hotel and Conference Center.** A well-mannered person is one who treats others with respect and inspires respectful treatment. There is a growing need for etiquette training in the workplace. Your first impression is crucial, always put your best foot forward. First impressions are crucial to building lasting business relationships. **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.

**Genomics and Genetics - Statistical Methodology Workshops: Monday, May 14, 2007, B104 Wells Hall**

These workshops are for faculty, staff and graduate students who want to use statistical and computational tools for analyzing their genomic and genetic data and who want to have some training in appropriate statistical methods. There is no cost to MSU personnel, but you must register at the website [www.cstat.msu.edu](http://www.cstat.msu.edu). Sign-up for one or both workshops.

**9:00 a.m. – 12:00 Noon**

Design and Analysis of Gene Expression Studies Using Microarrays

Instructor: Robert J. Tempelman

**1:00 – 4:00 p.m.**

An Introduction to Statistical Genetics

Instructor: Yuehua Cui

**Analytical Ultracentrifugation Workshop and Symposium:** Problem Solving with the Analytical Ultracentrifuge and Hands-on UltraScan Software Training, **May 31 – June 5, 2007, The University of Texas Health Science Center at San Antonio.** Receive expert training in hydrodynamic theory and sedimentation analysis, using the UltraScan data analysis software, and the UltraScan Laboratory Information Management System. Find out how to answer your research questions with analytical ultracentrifugation, optimally design sedimentation velocity and equilibrium experiments, use the UTHSCSA high performance computing system to analyze data, and diagnose problems and maintain the Beckman Optima XLA/XLI. Attend presentations by experts and innovators in the field, obtain a custom web portal for supercomputer access at UTHSCSA, and bring your own data for analysis by experts. For more information and registration, please visit <http://www.ultrascan.uthscsa.edu>. **Registration deadline is Thursday, May 17, 2007.**

**United States National School on Neutron and X-ray Scattering:** August 12-25, 2007, Argonne National Laboratory. The main purpose of the school is to educate graduate students on the utilization of major neutron and x-ray facilities. Lectures, presented by researchers from academia, industry, and national laboratories, will include basic tutorials on the principles of scattering theory and the characteristics of the sources, as well as seminars on the application of scattering methods to a variety of scientific subjects. Students will conduct four short experiments at Argonne’s Advanced Photon Source Division and Intense Pulsed Neutron Source Division to provide hands-on experience for using neutron and synchrotron sources. Graduate students majoring in physics, chemistry, materials science, or related fields are encouraged to apply. To apply, please visit <http://www.dep.anl.gov/nx>. **Application deadline is Friday, May 18, 2007.**

**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, May 22, 2007.**

**30<sup>th</sup> Annual Michigan Family Medicine Research Day Conference:** Practice-based research: Why we do it. Genoa Woods Conference Center, Brighton, Michigan, 8:00 a.m. The conference is sponsored by the Department of Family Medicine and Public Health Sciences, Wayne State University; Department of Family Medicine, Michigan State University; Department of Family Medicine, University of Michigan; and Michigan Academy of Family Physicians Foundation. The conference learning objectives are to explain the motivation for and benefits of participating in practice-based research; describe research projects occurring in family medicine residency programs in Michigan; and identify primary care research collaborators interested in translating research into practice. **Deadline for abstracts is April 30, 2007.** Submit abstracts via e-mail to [rradtke@med.wayne.edu](mailto:rradtke@med.wayne.edu). **Early registration deadline is May 17, 2007.**

## Announcements continued

**2007 Collegiate Inventors Competition:** The National Inventors Hall of Fame Foundation is pleased to announce that they are now accepting entries for the competition. The Collegiate Inventors Competition is one of the foremost programs in the United States that recognizes and rewards invention, innovation, and discovery by college and university students. In addition to the National Inventors Hall of Fame Foundation, sponsors of the competition include the Abbott Fund and the United States Patent and Trademark Office. This year, students and their advisors will compete for over \$120,000 in prizes including:

Student Grand Prize - \$25,000  
Advisor Prize - \$15,000  
Graduate Prize - \$15,000  
Advisor Prize - \$5,000  
Undergraduate Prize - \$15,000  
Advisor Prize - \$5,000

For more information, please visit <http://www.invent.org/collegiate>. If you require additional materials, please send an e-mail to [collegiate@invent.org](mailto:collegiate@invent.org). **The deadline for the 2007 Competition is June 15, 2007.**

## Bring Your Child to Work Day

Thursday, April 26, 2007 was "Bring Your Child to Work Day." Bailee Secord, daughter of Laurie Secord; Lindsey Reed, daughter of Lesley Reed; and Josie Curtis, niece of Katie Gallagher, participated.



**Back Row: Katie Gallagher, Lesley Reed, Laurie Secord  
Front Row: Josie Curtis, Lindsey Reed, Bailee Secord**



**Josie Curtis, Lindsey Reed, Bailee Secord**

## Quote for the Week

Computers make it easier to do a lot of things, but most of the things they make it easier to do don't need to be done.  
– *Andy Rooney*

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