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**WEEKLY BULLETIN**  
**DEPARTMENT OF CHEMISTRY, NORTHWESTERN UNIVERSITY**  
**EVANSTON, ILLINOIS 60208-3113**  
**March 23, 2009**  
**CALENDAR FOR THE COMING WEEK**

**Monday, March 23,  
2009**

Spring Break

Spring ACS Meeting  
Salt Lake City, Utah

**Tuesday, March 24,  
2009**

Office of Research  
Annual Research Facilities Fair  
Pancoe Atrium, 2<sup>nd</sup> floor,  
10:00a.m. – Noon  
To be followed by an Open  
House in each facility from  
12:00 – 3:00p.m.

**Thursday, March 26,  
2009**

BIF User Appreciation Day  
Hogan 5-150 & 5-120,  
12:00p.m.-5:00p.m.  
Talk with representatives!  
Try new instruments!  
Attend workshops & lectures  
For more information contact:  
Erini Shields (7-0374)

**Friday, March 27, 2009**

Graduate Recruiting weekend

Biological Imaging Conference  
Greater than the Sum: Advances  
in Correlative Microscopy  
Pancoe/Abbott Auditorium  
For information and registration  
contact: Christina Russin 7-4878  
[c-russin@northwestern.edu](mailto:c-russin@northwestern.edu)

Visit the BIF website for more  
information:

<http://www.northwestern.edu/bif>

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*The complete list of seminars and colloquia are available at [www.chem.northwestern.edu/resources/](http://www.chem.northwestern.edu/resources/)*

**Save the Date**

March 30, 2009 – Center for Drug Discovery and Chemical Biology Seminar Series- **Professor Jon Ellman**, University of California, Berkeley, Tech K140 , 11:00a.m. Title: “Substrate

Activity Screening: A New Fragment-Based Approach for Inhibitor Discovery” Hosted by Professor Karl Scheidt

April 3, 2009 –**Graduate Recruiting weekend**

April 4, 2009 - The 1st Chicago Organic Symposium, hosted by Professor Karl Scheidt

April 16, 2009 – IIN Frontiers in Nanotechnology, **Professor Lee Cronin**, University of Glasgow, Pancoe – Abbott Auditorium, 4:00a.m., Hosted by Professor Fraser Stoddart

## **Opportunities**

### **University of Michigan NIH-funded Postbaccalaureate Research Education Program**

**(PREP)** The new NIH-funded program is designed to help underrepresented students who want to further prepare for application to top-ranked Ph.D. programs in the biological and biomedical sciences. For more information [www.med.umich.edu/prep](http://www.med.umich.edu/prep) .

**University of Wisconsin-Stevens Point** ([www.uwsp.edu/chemsity](http://www.uwsp.edu/chemsity)) has an immediate opening for a postdoctoral position in polymer synthesis/nanotechnology. This one-year appointment may be continued beyond the first year depending on funding and performance. The successful applicant will lead undergraduate research students working with Professors John Droske and Mike Zach on highly collaborative projects in polymer science and materials nanotechnology. Currents research projects include the preparation of bioresorbable bone adhesives (Droske) and depositions of inorganic nanostructured materials. (Zach) Additional information may be found at [http://www.uwsp.edu/chemistry/jdroske/Postdoc\\_webinfo.htm](http://www.uwsp.edu/chemistry/jdroske/Postdoc_webinfo.htm).

### **2009 Summer Undergraduate Research Experience, North Dakota State University**

Summer research appointments are available for chemistry, materials science, chemical engineering and related fields, between their junior and senior years, who intend to pursue graduate studies and have an interest in polymers and coatings science. The stipend will be \$4,000 for 10 weeks. The dates are June 1<sup>st</sup> to August 7<sup>th</sup>, 2009. To apply, send: Transcript of academic record, application form, and Recommendation from an instructor and a letter which includes career plans, research interests and starting date. Applications should be submitted as soon as possible. Offers may be made as early as March 31<sup>st</sup>, 2009. Send application packet to Brian Hinderliter

Dept. 2760, P.O. Box 6050

Department of Coatings and Polymeric Materials

North Dakota State University

Fargo, ND 58108-6050

Tel: 701-231-8438 Fax:701-231-8439

**The 2009 Overcoming Challenges Award** – This award is designed to recognize a woman undergraduate from a two-year or four-year institution for her efforts in overcoming hardship to achieve success in chemistry. The recipient of the Overcoming Challenges Award will receive a plaque, a monetary award of \$250.00, and a \$1000.00 travel stipend for expenses to attend the

Fall 2009 ACS National Meeting where she will be recognized at the WCC luncheon. For more information go to [diversity@acs.org](mailto:diversity@acs.org).

**Nominations for the 2008-2009 Katherine L. Krieghbaum scholarships.** These scholarships, with no restriction as to field of study, are given as research accounts to rising Weinberg College seniors. Krieghbaum Scholars must be registered in an independent study (399) or a senior thesis seminar while pursuing their research. The applications should include a proposed budget of costs incurred by the student, for instance, travel to an archive. Typically, these budget proposals should be no greater than \$2000. Departments and programs that offer an undergraduate major may nominate at most two junior candidates for these awards. Endorsed nominations should be sent to Associate Dean Mary E. Finn, 1922 Sheridan Road, Evanston, IL 60208 by April 17, 2009. Announcement of the award will be made by the Dean before the end of the academic year. Research funds can be made available to Krieghbaum Scholars as early as the summer before the senior year. The student applications require the following:

- 1) a statement from the student explaining the research project to be undertaken, the significance of the research in the field, the student's preparation for undertaking the project, and the methodology to be followed,
- 2) a recommendation from the faculty member who will supervise the research.
- 3) a recommendation from a second faculty member not involved with the research. In past years, these scholarships have supported the research of some of our most talented undergraduates. The scholars are recognized in the Commencement bulletin.

**ACS International Research Experiences for Undergraduates Program (ACS-IREU)** for students majoring in Chemistry, Biochemistry, Molecular Biology, Materials Science, and other Chemistry related fields application are sought. Eighteen students will be selected to receive the ACS-IREU Scholarship to conduct research at selected institutions in Germany, France, Italy and the UK. Detailed information and online application and recommendation forms are found on our web site [www.acs.org/ireu](http://www.acs.org/ireu).

### **Arrivals and Departures**

Please welcome Dr. Josh Kurutz who is joining the IMSERC as an NMR spectroscopist on March 23rd